



# **Citrix Provisioning 1909 SOAP Server Programmer's Guide**

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## Introduction

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Use Citrix Provisioning programming interfaces to manage your implementation from a command line or from scripts. Only users with correct administrative privileges can use programming commands. Non-administrators, that do not have elevated privileges and attempt to use these commands, will receive the 'Invalid access' message.

Four different programming interfaces exist:

- Management Command Line Interface (SOAP SERVER)
- Simple Object Access Protocol (SOAP) Server Programmer Interface
- PowerShell Programmer Interface with Objects
- PowerShell Programmer Interface (Deprecated)

This document provides the information needed to use this interface.

## Using the SOAP Server Interface

Use the information that follows to manage a Citrix Provisioning implementation from the SOAP SERVER interface.

The SOAP API permits you to do everything that can be done using the Console.

## Client Proxy

If Visual Basic or C# is going to be used to interface with the SOAP interface, the svcutil.exe tool, provided with Microsoft Visual Studio can be used to generate the client side proxy.

```
svcutil.exe /out:CommandSet.cs http://host_name:8000/pvs/mapi/commandset
```

```
svcutil.exe /language:vb /out:CommandSet.bas http://host_name:8000/  
pvs/mapi/commandset
```

Where `host_name` is the server's hostname.

## Short command list

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## **ExecuteAdd**

ExecuteAdd AuthGroup  
ExecuteAdd CeipData  
ExecuteAdd CisData  
ExecuteAdd Collection  
ExecuteAdd Device  
ExecuteAdd DeviceWithPersonalvDisk  
ExecuteAdd DiskLocator  
ExecuteAdd DiskUpdateDevice  
ExecuteAdd FarmView  
ExecuteAdd Server  
ExecuteAdd Site  
ExecuteAdd SiteView  
ExecuteAdd Store  
ExecuteAdd UpdateTask  
ExecuteAdd VirtualHostingPool  
ExecuteAdd VirtualHostingPoolServer

## **ExecuteDelete**

ExecuteDelete AuthGroup  
ExecuteDelete Collection  
ExecuteDelete Device  
ExecuteDelete DeviceDiskCacheFile  
ExecuteDelete DiskLocator  
ExecuteDelete DiskUpdateDevice  
ExecuteDelete DiskVersion  
ExecuteDelete FarmView  
ExecuteDelete Server  
ExecuteDelete ServerStore

ExecuteDelete Site

ExecuteDelete SiteView

ExecuteDelete Store

ExecuteDelete UpdateTask

ExecuteDelete VirtualHostingPool

ExecuteDelete VirtualHostingPoolServer

## **ExecuteGet**

ExecuteGet AdDomains

ExecuteGet AuditActionParameters

ExecuteGet AuditActionProperties

ExecuteGet AuditActionSibling

ExecuteGet AuditTrail

ExecuteGet AuthGroup

ExecuteGet AuthGroupUsage

ExecuteGet CeipData

ExecuteGet CisData

ExecuteGet Collection

ExecuteGet CommandDescription

ExecuteGet CommandFields

ExecuteGet CommandParameters

ExecuteGet CommandSortFields

ExecuteGet CommandStandardParameters

ExecuteGet Device

ExecuteGet DeviceBootstraps

ExecuteGet DeviceCustomProperty

ExecuteGet DeviceDiskPrinters

ExecuteGet DeviceDiskTempVersion

ExecuteGet DeviceInfo

ExecuteGet DevicePersonality  
ExecuteGet DeviceStatus  
ExecuteGet Disk  
ExecuteGet DiskInfo  
ExecuteGet DiskInventory  
ExecuteGet DiskLocator  
ExecuteGet DiskLocatorCustomProperty  
ExecuteGet DiskLocatorLock  
ExecuteGet DiskPrinters  
ExecuteGet DiskUpdateDevice  
ExecuteGet DiskUpdateStatus  
ExecuteGet DiskVersion  
ExecuteGet ExceptionDescriptions  
ExecuteGet Farm  
ExecuteGet FarmView  
ExecuteGet Groups  
ExecuteGet NewVersionDisks  
ExecuteGet Server  
ExecuteGet ServerBiosBootstrap  
ExecuteGet ServerBootstrap  
ExecuteGet ServerBootstrapNames  
ExecuteGet ServerCustomProperty  
ExecuteGet ServerInfo  
ExecuteGet ServerStatus  
ExecuteGet ServerStore  
ExecuteGet Site  
ExecuteGet SiteView  
ExecuteGet Store  
ExecuteGet StoreSharedOrServerPath

ExecuteGet Task

ExecuteGet UndefinedDisks

ExecuteGet UpdateTask

ExecuteGet VirtualHostingPool

ExecuteGet VirtualHostingPoolServer

ExecuteGet XDSite

## **ExecuteInfo**

ExecuteInfo Group

ExecuteInfo LocalServer

ExecuteInfo MapiErrorCode

ExecuteInfo Version

## **ExecuteMacroSet**

ExecuteMacroSet Macro

## **ExecuteRun**

ExecuteRun ActivateDevice

ExecuteRun AddDeviceToDomain

ExecuteRun AddDiskVersion

ExecuteRun ApplyAutoUpdate

ExecuteRun ArchiveAuditTrail

ExecuteRun AssignAuthGroup

ExecuteRun AssignDevice

ExecuteRun AssignDisk

ExecuteRun AssignDiskLocator

ExecuteRun AssignServer

ExecuteRun Boot

ExecuteRun CancelTask

ExecuteRun ClearTask  
ExecuteRun CopyPasteDevice  
ExecuteRun CopyPasteDisk  
ExecuteRun CopyPasteServer  
ExecuteRun CreateDirectory  
ExecuteRun CreateDiskCancel  
ExecuteRun DisableCollection  
ExecuteRun DisableDevice  
ExecuteRun DisableDeviceDiskLocator  
ExecuteRun DisableDiskLocator  
ExecuteRun DiskUpdateCancel  
ExecuteRun DiskUpdateStart  
ExecuteRun DisplayMessage  
ExecuteRun EnableCollection  
ExecuteRun EnableDevice  
ExecuteRun EnableDeviceDiskLocator  
ExecuteRun EnableDiskLocator  
ExecuteRun ExportDisk  
ExecuteRun ExportOemLicenses  
ExecuteRun ForceInventory  
ExecuteRun ImportDatabase  
ExecuteRun ImportDevices  
ExecuteRun ImportOemLicenses  
ExecuteRun MarkDown  
ExecuteRun MergeDisk  
ExecuteRun PromoteDiskVersion  
ExecuteRun Reboot  
ExecuteRun RemoveAuthGroup  
ExecuteRun RemoveDevice



ExecuteRun RemoveDeviceFromDomain

ExecuteRun RemoveDirectory

ExecuteRun RemoveDisk

ExecuteRun RemoveDiskLocator

ExecuteRun ResetDatabaseConnection

ExecuteRun ResetDeviceForDomain

ExecuteRun RestartStreamService

ExecuteRun RevertDiskVersion

ExecuteRun SetOverrideVersion

ExecuteRun Shutdown

ExecuteRun StartDeviceDiskTempVersionMode

ExecuteRun StartStreamService

ExecuteRun StopDeviceDiskTempVersionMode

ExecuteRun StopStreamService

ExecuteRun UnlockAllDisk

ExecuteRun UnlockDisk

ExecuteRun ValidateDirectory

### **ExecuteRunByteArrayInput**

ExecuteRunByteArrayInput ImportDevices

ExecuteRunByteArrayInput ImportOemLicenses

### **ExecuteRunByteArrayOutput**

ExecuteRunByteArrayOutput ArchiveAuditTrail

ExecuteRunByteArrayOutput ExportOemLicenses

### **ExecuteRunWithReturn**

ExecuteRunWithReturn Boot

ExecuteRunWithReturn CommandActions

ExecuteRunWithReturn CreateDisk  
ExecuteRunWithReturn CreateDiskStatus  
ExecuteRunWithReturn CreateMaintenanceVersion  
ExecuteRunWithReturn DeviceCount  
ExecuteRunWithReturn DiskLocatorCount  
ExecuteRunWithReturn DisplayMessage  
ExecuteRunWithReturn Enabled  
ExecuteRunWithReturn Exists  
ExecuteRunWithReturn ImportDisk  
ExecuteRunWithReturn ListDirectories  
ExecuteRunWithReturn MaintenanceVersionExists  
ExecuteRunWithReturn MappedDiskId  
ExecuteRunWithReturn MappedDriveLetter  
ExecuteRunWithReturn MinimumLastAutoAddDeviceNumber  
ExecuteRunWithReturn RebalanceDevices  
ExecuteRunWithReturn Reboot  
ExecuteRunWithReturn ReportBug  
ExecuteRunWithReturn ServerCount  
ExecuteRunWithReturn ServerName  
ExecuteRunWithReturn ServerStoreActiveDeviceCount  
ExecuteRunWithReturn Shutdown  
ExecuteRunWithReturn StoreFreeSpace  
ExecuteRunWithReturn TaskStatus  
ExecuteRunWithReturn UpdateBDM  
ExecuteRunWithReturn UploadCeip

## **ExecuteSet**

ExecuteSet AuthGroup  
ExecuteSet CeipData

ExecuteSet CisData

ExecuteSet Collection

ExecuteSet Device

ExecuteSet Disk

ExecuteSet DiskLocator

ExecuteSet DiskUpdateDevice

ExecuteSet DiskVersion

ExecuteSet Farm

ExecuteSet FarmView

ExecuteSet Server

ExecuteSet ServerBiosBootstrap

ExecuteSet ServerBootstrap

ExecuteSet ServerStore

ExecuteSet Site

ExecuteSet SiteView

ExecuteSet Store

ExecuteSet UpdateTask

ExecuteSet VirtualHostingPool

ExecuteSet VirtualHostingPoolServer

ExecuteSet XDSite

## **ExecuteSetList**

ExecuteSetList DeviceBootstraps

ExecuteSetList DeviceCustomProperty

ExecuteSetList DeviceDiskPrinters

ExecuteSetList DevicePersonality

ExecuteSetList DiskLocatorCustomProperty

ExecuteSetList ServerCustomProperty

## Commands by Object Type

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### Many

ExecuteGet AuditActionParameters

ExecuteGet AuditActionProperties

ExecuteGet AuditActionSibling

ExecuteGet AuditTrail

ExecuteGet CommandDescription

ExecuteGet CommandFields

ExecuteGet CommandParameters

ExecuteGet CommandSortFields

ExecuteGet CommandStandardParameters

ExecuteGet ExceptionDescriptions

ExecuteMacroSet Macro

ExecuteRun ResetDatabaseConnection

ExecuteRunWithReturn CommandActions

ExecuteRunWithReturn Enabled

ExecuteRunWithReturn Exists

### AuthGroup

ExecuteAdd AuthGroup

ExecuteDelete AuthGroup

ExecuteGet AuthGroup

ExecuteGet AuthGroupUsage

ExecuteRun AssignAuthGroup

ExecuteRun RemoveAuthGroup

ExecuteSet AuthGroup

## **Collection**

ExecuteAdd Collection

ExecuteDelete Collection

ExecuteGet Collection

ExecuteRun DisableCollection

ExecuteRun EnableCollection

ExecuteRunWithReturn MinimumLastAutoAddDeviceNumber

ExecuteSet Collection

## **Device**

ExecuteAdd Device

ExecuteAdd DeviceWithPersonalvDisk

ExecuteDelete Device

ExecuteDelete DeviceDiskCacheFile

ExecuteGet Device

ExecuteGet DeviceBootstraps

ExecuteGet DeviceCustomProperty

ExecuteGet DeviceDiskPrinters

ExecuteGet DeviceDiskTempVersion

ExecuteGet DeviceInfo

ExecuteGet DevicePersonality

ExecuteGet DeviceStatus

ExecuteRun ActivateDevice

ExecuteRun AddDeviceToDomain

ExecuteRun AssignDevice

ExecuteRun Boot

ExecuteRun CopyPasteDevice

ExecuteRun DisableDevice

ExecuteRun DisableDeviceDiskLocator

ExecuteRun DisplayMessage  
ExecuteRun EnableDevice  
ExecuteRun EnableDeviceDiskLocator  
ExecuteRun ExportOemLicenses  
ExecuteRun ImportDatabase  
ExecuteRun ImportDevices  
ExecuteRun ImportOemLicenses  
ExecuteRun MarkDown  
ExecuteRun Reboot  
ExecuteRun RemoveDevice  
ExecuteRun RemoveDeviceFromDomain  
ExecuteRun ResetDeviceForDomain  
ExecuteRun Shutdown  
ExecuteRun StartDeviceDiskTempVersionMode  
ExecuteRun StopDeviceDiskTempVersionMode  
ExecuteRunByteArrayInput ImportDevices  
ExecuteRunByteArrayInput ImportOemLicenses  
ExecuteRunByteArrayOutput ExportOemLicenses  
ExecuteRunWithReturn Boot  
ExecuteRunWithReturn DeviceCount  
ExecuteRunWithReturn DisplayMessage  
ExecuteRunWithReturn Reboot  
ExecuteRunWithReturn Shutdown  
ExecuteRunWithReturn UpdateBDM  
ExecuteSet Device  
ExecuteSetList DeviceBootstraps  
ExecuteSetList DeviceCustomProperty  
ExecuteSetList DeviceDiskPrinters  
ExecuteSetList DevicePersonality

## **Disk**

ExecuteAdd DiskUpdateDevice  
ExecuteAdd VirtualHostingPoolServer  
ExecuteDelete DiskUpdateDevice  
ExecuteDelete DiskVersion  
ExecuteGet Disk  
ExecuteGet DiskInfo  
ExecuteGet DiskInventory  
ExecuteGet DiskPrinters  
ExecuteGet DiskUpdateDevice  
ExecuteGet DiskUpdateStatus  
ExecuteGet DiskVersion  
ExecuteGet NewVersionDisks  
ExecuteGet UndefinedDisks  
ExecuteRun AddDiskVersion  
ExecuteRun AssignDisk  
ExecuteRun CopyPasteDisk  
ExecuteRun CreateDiskCancel  
ExecuteRun ExportDisk  
ExecuteRun ForceInventory  
ExecuteRun MergeDisk  
ExecuteRun PromoteDiskVersion  
ExecuteRun RemoveDisk  
ExecuteRun RevertDiskVersion  
ExecuteRun SetOverrideVersion  
ExecuteRun UnlockAllDisk  
ExecuteRun UnlockDisk  
ExecuteRunWithReturn CreateDisk  
ExecuteRunWithReturn CreateDiskStatus

ExecuteRunWithReturn CreateMaintenanceVersion

ExecuteRunWithReturn ImportDisk

ExecuteRunWithReturn MaintenanceVersionExists

ExecuteRunWithReturn MappedDiskId

ExecuteRunWithReturn MappedDriveLetter

ExecuteSet Disk

ExecuteSet DiskUpdateDevice

ExecuteSet DiskVersion

## **DiskLocator**

ExecuteAdd DiskLocator

ExecuteDelete DiskLocator

ExecuteGet DiskLocator

ExecuteGet DiskLocatorCustomProperty

ExecuteGet DiskLocatorLock

ExecuteRun AssignDiskLocator

ExecuteRun DisableDiskLocator

ExecuteRun EnableDiskLocator

ExecuteRun RemoveDiskLocator

ExecuteRunWithReturn DiskLocatorCount

ExecuteSet DiskLocator

ExecuteSetList DiskLocatorCustomProperty

## **Farm**

ExecuteGet Farm

ExecuteGet XDSTite

ExecuteRun ArchiveAuditTrail

ExecuteRunByteArrayOutput ArchiveAuditTrail

ExecuteSet Farm

ExecuteSet XDSTite



## **FarmView**

ExecuteAdd FarmView

ExecuteDelete FarmView

ExecuteGet FarmView

ExecuteSet FarmView

## **Server**

ExecuteAdd Server

ExecuteDelete Server

ExecuteDelete ServerStore

ExecuteDelete VirtualHostingPoolServer

ExecuteGet Server

ExecuteGet ServerBiosBootstrap

ExecuteGet ServerBootstrap

ExecuteGet ServerBootstrapNames

ExecuteGet ServerCustomProperty

ExecuteGet ServerInfo

ExecuteGet ServerStatus

ExecuteGet ServerStore

ExecuteGet VirtualHostingPoolServer

ExecuteRun ApplyAutoUpdate

ExecuteRun AssignServer

ExecuteRun CopyPasteServer

ExecuteRun CreateDirectory

ExecuteRun RemoveDirectory

ExecuteRun RestartStreamService

ExecuteRun StartStreamService

ExecuteRun StopStreamService

ExecuteRun ValidateDirectory

ExecuteRunWithReturn ListDirectories  
ExecuteRunWithReturn RebalanceDevices  
ExecuteRunWithReturn ReportBug  
ExecuteRunWithReturn ServerCount  
ExecuteRunWithReturn ServerName  
ExecuteRunWithReturn ServerStoreActiveDeviceCount  
ExecuteSet Server  
ExecuteSet ServerBiosBootstrap  
ExecuteSet ServerBootstrap  
ExecuteSet ServerStore  
ExecuteSet VirtualHostingPoolServer  
ExecuteSetList ServerCustomProperty

## **Site**

ExecuteAdd Site  
ExecuteDelete Site  
ExecuteGet Site  
ExecuteGet StoreSharedOrServerPath  
ExecuteSet Site

## **SiteView**

ExecuteAdd SiteView  
ExecuteDelete SiteView  
ExecuteGet SiteView  
ExecuteSet SiteView

## **Store**

ExecuteAdd Store  
ExecuteDelete Store

ExecuteGet Store

ExecuteRunWithReturn StoreFreeSpace

ExecuteSet Store

## **System**

ExecuteGet AdDomains

ExecuteGet Groups

ExecuteInfo Group

ExecuteInfo LocalServer

ExecuteInfo MapiErrorCode

ExecuteInfo Version

## **Task**

ExecuteGet Task

ExecuteRun CancelTask

ExecuteRun ClearTask

ExecuteRunWithReturn TaskStatus

## **UpdateTask**

ExecuteAdd UpdateTask

ExecuteDelete UpdateTask

ExecuteGet UpdateTask

ExecuteRun DiskUpdateCancel

ExecuteRun DiskUpdateStart

ExecuteSet UpdateTask

## **VirtualHostingPool**

ExecuteAdd VirtualHostingPool

ExecuteDelete VirtualHostingPool

ExecuteGet VirtualHostingPool

ExecuteSet VirtualHostingPool

## **CeipData**

ExecuteAdd CeipData

ExecuteGet CeipData

ExecuteRunWithReturn UploadCeip

ExecuteSet CeipData

## **CisData**

ExecuteAdd CisData

ExecuteGet CisData

ExecuteSet CisData

## **MapiReturn returnCode and exceptionType**

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0 Success: The command succeeded.

1 NotImplemented: The [v1] feature has not been implemented.

2 InvalidCommand: The [v1] command does not exist.

3 InvalidField: The [v1] field does not exist.

4 InvalidFieldFormat: The [v1] field is not formatted properly, the correct format is [v2].

5 InvalidParameter: The [v1] parameter is not valid.

6 InvalidParameterFormat: The [v1] parameter is not formatted property, the correct format is [v2].

7 ReadOnlyField: Unable to change the [v1] field because it is read-only.

8 RequiredFieldMissing: The required [v1] field is missing.

9 RequiredFieldsMissing: The required [v1] or [v2] field is missing.

10 RequiredParameterMissing: The required [v1] parameter is missing.

11 RequiredParametersMissing: The required [v1] or [v2] parameter is missing.

- 12 InternalIdAndNameFieldsMustBeDefined: An internal error occurred. The [v1] field is not the next FieldSettings object after the ID.
- 13 NoFarmAccess: The domain/user does not have access to the Farm.
- 14 InvalidForeignKeyValue: The [v1] field with value [v2] is an invalid foreign key.
- 15 SetupError: The system was not configured correctly.
- 16 Executing: The [v1] command can only be called one at a time. Wait for the command to finish before running again.
- 17 NoDiskMapped: A vDisk has not yet been mapped.
- 18 DatabaseError: A database error occurred.
- 19 DuplicateKey: To avoid creating a duplicate key, the Add or Set command was cancelled.
- 20 DatabaseErrorMissed: An internal error occurred. An uncaught database error occurred.
- 21 AddCommandFailed: No objects were added during the last 'Add' command.
- 22 InsufficientPrivileges: Access denied. The appropriate privileges are not assigned to perform this task.
- 23 ZeroObjectsAffected: No object was added, updated, or deleted in the last operation.
- 24 OtherException: An unexpected MAPI error occurred.
- 25 InvalidFieldLength: The [v1] field value is too long, maximum length is [v2].
- 26 InvalidFieldValueMinMax: The [v1] field value is invalid, the minimum is [v2] and the maximum is [v3].
- 27 InvalidFieldValue: The [v1] field can only have values [v2] or [v3].
- 28 TooManyParameters: More parameters were specified than permitted.
- 29 TooFewParameters: Not enough identifying parameters specified.
- 30 FollowingParametersMissing: To use the [v1] parameter, [v2] or [v3] must also be used.
- 31 InconsistentData: The action is canceled because the Store directory date/times does not match. Update the Store directories to match.
- 32 DatabaseOpenFailed: Unable to contact the database server. Ensure Citrix Provisioning server is configured correctly.
- 33 DatabaseVersionWrong: The wrong database version is being used. Found version number: [v1]  
Expected version number: [v2]
- 34 DatabaseVersionNotFound: The database version number does not exist or was not found. Ensure Citrix Provisioning server is configured correctly.

- 35 SomeRequiredParametersMissing: Required parameters are missing.
- 36 PartialError: The following items failed:
  - item1 Error message...
  - item2 Error message...
- 37 NoItemsToProcess: There are no items to process.
- 38 NoDefaultCollectionDefined: Unable to add a Device until a default Collection is set.
- 39 NoDefaultSiteDefined: A default Site is not set, no Devices can be added.
- 40 InvalidCollection: The specified Collection does not exist.
- 41 InvalidAuthGroup: The specified AuthGroup does not exist.
- 42 InvalidGroup: The specified Group does not exist.
- 43 InvalidDevice: The specified Device does not exist.
- 44 InvalidDiskLocator: The specified vDisk does not exist.
- 45 InvalidServer: The specified Server does not exist.
- 46 InvalidServerSite: Server specified is not in the Site specified.
- 47 InvalidStoreSite: Store specified is not for the Site specified.
- 48 InvalidSiteView: The specified Site View does not exist.
- 49 InvalidSite: The specified Site does not exist.
- 50 InvalidDeviceDiskLocator: The specified Device or vDisk does not exist.
- 51 InvalidDeviceImport: Import failed because the file must have Device Name, Mac Address, Site Name, and Collection Name, and they must be tab or comma-delimited.
- 52 InvalidServerFrom: The Server to copy [v1]=[v2] was not found.
- 53 InvalidServerTo: No Server to copy to ([v1]=[v2]) was found.
- 54 InvalidDeviceFrom: The Device to copy [v1]=[v2] was not found.
- 55 InvalidDeviceTo: No Devices to copy to are found.
- 56 InvalidDiskFrom: The vDisk to copy [v1]=[v2] was not found.
- 57 InvalidDiskTo: No vDisk to copy to ([v1]=[v2]) was found.
- 58 InvalidDiskPath: The path '[v1]' to the vDisk file is not found.
- 59 VDiskFileNotFound: [v1]: vDisk file was not found.
- 60 InvalidDiskServer: There is no Server that can serve the vDisk [v1] or the Store to which this vDisk belongs. Verify that one or more Servers belonging to the Store are online and that there is sufficient free space for the operation you are attempting.

- 61 InvalidDiskForServer: Server [v1] cannot access all versions of vDisk [v2], the vDisk was updated on at least one other Server.
- 62 SameSiteRequired: Objects within the same Site must be selected.
- 63 TooFewFields: Not enough fields for a record.
- 64 ADerrorDC: Unable to connect to the Domain Controller (if any) or the default rootDSE. Error code: [v1], message: [v2], provider: [v3].
- 65 ADerrorOU: Unable to get the Organizational Unit setting (if any). Error code: [v1], message: [v2], provider: [v3].
- 66 ADerrorDefaultContainer: Unable to get the default computer accounts container (default location is Active Directory root> Computers). Error code: [v1], message: [v2], provider: [v3].
- 67 ADerrorCreate: Unable to create the computer account in Active Directory. Ensure the account does not already exist and that the appropriate permissions are available to perform this task. Error code: [v1], message: [v2], provider: [v3].
- 68 ADerrorNewAccount: Unable to get the newly created Active Directory computer account. Error code: [v1], message: [v2], provider: [v3].
- 69 ADerrorSam: Unable to set the Active Directory samAccountName property. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
- 70 ADerrorUserAccount: Unable to set the Active Directory userAccountControl property. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
- 71 ADerrorSave: Unable to save Active Directory change. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
- 72 ADerrorSetPassword: Unable to set a new password for this user account. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].
- 73 ADerrorAddTrustee: Unable to add trustee (if any). Error code: [v1], message: [v2], provider: [v3].
- 74 ADerrorEnableAccount: Unable to enable the Active Directory account. Error code: [v1], message: [v3], provider: [v2].
- 75 ADerrorAlreadyExists: The computer name is already in use. Error code: [v1], message: [v3], provider: [v2]. Select a unique name for this machine.
- 76 ADerrorGeneral: A general Active Directory error occurred. Error code: [v1], message: [v2], provider: [v3].
- 77 ADerrorDirectorySearch: Unable to find Active Directory items meeting the search criteria entered. Error code: [v1], message: [v2], provider: [v3].
- 78 ADerrorSearchComputerAccount: Unable to perform the computer accounts search. Error code: [v1], message: [v2], provider: [v3].

79 ADerrorComputerAccountNotFound: Specified computer account not found. Error code: [v1], message: [v2], provider: [v3].

80 ADerrorComputerAccountHold: This computer account is currently unavailable. Ensure that Active Directory is running properly. Error code: [v1], message: [v2], provider: [v3].

81 ADerrorComputerAccountMove: Failed to move the computer account to the target organizational unit set (also returned if caller lacks permission). Error code: [v1], message: [v2], provider: [v3].

82 ADerrorDelete: Unable to delete this computer account. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].

83 ADerrorPasswordGeneration: Unable to generate this password. Ensure the appropriate permissions exist to perform this task.

84 MapDiskNoDriver: Unable to map vDisk because a driver was not found.

85 MapDiskDeniedByServer: Unable to map the vDisk. Mapping was denied by the Server.

86 MapDiskLocalAccessDenied: Unable to map the vDisk. Denied local access.

87 MapDiskMiniportError: Unable to map vDisk because of a Miniport error.

88 UnmapDiskFailed: Failed to unmap a vDisk.

89 DuplicateDisk: The vDisk [v1] already exists on [v2] at [v3].

90 DuplicateDiskLocator: A DiskLocator: [v1] already exists on Site: [v2].

91 DiskCreationInProgress: The vDisk [v1] is being created on [v2] at [v3].

92 InvalidServerStore: A database integrity error occurred. The Server is not set to deliver vDisks from the Store, but should be.

93 InvalidStore: The specified Store does not exist.

94 InvalidFarmView: Farm View specified does not exist.

95 InvalidStorePath: Store path is empty.

96 ManagementInterfaceError:

Management Interface: Undefined error.

Management Interface: Database interface is inaccessible.

Management Interface: Database interface library is inaccessible.

Management Interface: The database access library is a version incompatible with the Management Server.

Management Interface: Database interface library is invalid.

Management Interface: Database interface could not be created.



Management Interface: Database could not be opened.

Management Interface: Database is in use.

Management Interface: Database error occurred.

Management Interface: Not implemented.

Management Interface: Registry entry was not found.

Management Interface: Request was not created.

Management Interface: Operating System error occurred.

Management Interface: vDisk error.

Management Interface: vDisk header is incomplete.

Management Interface: vDisk footer is incomplete.

Management Interface: vDisk boot record is incomplete.

Management Interface: vDisk boot sector is incomplete.

Management Interface: vDisk size is below the minimum.

Management Interface: vDisk size is above the maximum.

Management Interface: vDisk boot record template is inaccessible.

Management Interface: vDisk boot sector template is inaccessible.

Management Interface: vDisk lock was not found.

Management Interface: vDisk has exclusive lock.

Management Interface: vDisk has shared lock.

Management Interface: vDisk lock error.

Management Interface: vDisk format is incompatible.

Management Interface: vDisk prefooter is incomplete.

Management Interface: vDisk creation is in progress.

Management Interface: vDisk creation information was not found.

Management Interface: vDisk creation cancellation was requested.

Management Interface: vDisk file was not found.

Management Interface: vDisk file path was not found.

Management Interface: vDisk file access was denied.

Management Interface: Cancelled.

Management Interface: Registry key for the product is inaccessible.

Management Interface: Registry key for the installation folder is inaccessible.

Management Interface: Registry key for the management interface is inaccessible.

Management Interface: Registry key for the database path is inaccessible.

Management Interface: Registry key for the management interface IP address is inaccessible.

Management Interface: Buffer size is too small.

Management Interface: Buffer size is too large.

Management Interface: Unknown error.

Management Interface: Remote Server failed to relay a request.

Management Interface: Remote Server is not servicing the Device.

Management Interface: Remote Server or Device refused the request.

Management Interface: Local Server failed to complete a request to a Server or Device.

Management Interface: Local Server failed to complete a request to a Server.

Management Interface: Remote requests were disabled because of an initialization error.

Management Interface: Remote request failed.

Management Interface: Remote request timed out.

Management Interface: Remote request result was not found.

Management Interface: Remote request receiver failed to initialize.

Management Interface: Management command failed for all objects.

Management Interface: Failed to get the preshared key in secure version.

Management Interface: VHD Error.

Management Interface: vDisk properties were lost.

Management Interface: Insufficient Memory.

Management Interface: The network path was not found.

Management Interface: The network name cannot be found.

Management Interface: File already exists.

Management Interface: The geometry of the vDisk is not accessible.

Management Interface: Unable to create the vDisk because the store media is read-only.

Management Interface: vDisk file is being used by another process.

- 97 ServerTimeout: Server did not respond to a request in time.
- 98 NotFound: [v1] not found.
- 99 AccountRetrieve: Account information for user [v1] was not found.
- 100 ActiveDevice: The task cannot be performed on active Devices. Shut down the Devices before attempting to perform the task.
- 101 ActiveDiskLocator: The task cannot be performed on active vDisks. Shut down the Devices that are using the vDisks before attempting to perform the task.
- 102 AssignedDiskLocator: Unable to delete a vDisk that is currently assigned to a Device. Unassign all Devices, then delete the vDisk.
- 103 ActiveServer: The task cannot be performed on active Servers. Shut down the Servers before attempting to perform the task.
- 104 NotEnoughFreeDiskSpace: There is not enough free disk space to create the vDisk.
- 105 InvalidDiskName: The vDisk name has one or more invalid characters. The invalid characters are <>|“\/:\*?.
- 106 CannotDeleteLastAuthGroup: Deleting the last Authorization Group causes the system to be inoperable.
- 107 CannotDeleteUsedAuthGroup: An Authorization Group that is currently in use cannot be deleted.
- 108 ServerStartFailed: The Server did not start successfully. Ensure the appropriate permissions exist for the service account.
- 109 ServerStopFailed: The Server did not stop successfully.
- 110 LockOwnerNotFound: The Device that owns the lock was not found, the vDisk was not unlocked.
- 111 PossiblySharedVDisk: Unable to delete File [v1]. It is possible that the file is being referenced in other Sites or Stores.
- 112 StorePathInaccessible: The Store path [v1] is inaccessible.
- 113 InvalidAction: The [v1] action does not exist.
- 114 InvalidObjectType: The [v1] objectType does not exist.
- 115 TooManyRecords: The amount of data returned using Get is too large. Use GetFirst and GetNext instead of Get.
- 116 InvalidUserGroup: The specified UserGroup does not exist.
- 117 InvalidAuditAction: The specified AuditAction does not exist.

118 LoginFailed: The database login failed. Ensure the appropriate permissions exist to access the database.

119 DatabaseConnectionError: Unable to connect to the database. Restore the connection in order to manage the farm.

120 CreateTriggersParsing: Unable to parse the database script 'CreateTriggers'at: [v1]

121 CreateStoredProcParsing: Unable to parse the database script 'CreateStoredProcedures'at: [v1]

122 MedialsReadOnly: Management Interface: Unable to create the vDisk because the store media is read-only.

123 ConnectedDeviceForVirtualHostingPool: Unable to delete this VM from a machine catalog because it is connected to a Delivery Group.

124 ADerrorDN: Unable to get the distinguishedName property. Ensure the appropriate Active Directory permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].

125 ADerrorGetSecDes: Unable to get the Active Directory Security Descriptor property. Error code: [v1], message: [v2], provider: [v3].

126 ADerrorSetSecDes: Unable to set the Active Directory Security Descriptor property. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].

127 ADerrorDNSHostName: Unable to set the DNS Host Name property (dNSHostName). Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].

128 ADerrorDisplayName: Unable to set the displayName property. Error code: [v1], message: [v2], provider: [v3].

129 ADerrorBind: This device was unable to bind to the Domain Controller. Ensure the Domain Controller is running. Error code: [v1], message: [v2], provider: [v3].

130 ADerrorGetSPN: Unable to get an Active Directory Service Principal Name. Error code: [v1], message: [v2], provider: [v3].

131 ADerrorWriteSPN: Unable to write the Active Directory Service Principal Name. Error code: [v1], message: [v2], provider: [v3]

132 ADerrorSearch: Unable to perform the requested Search. Error code: [v1], message: [v2], provider: [v3].

133 ADerrorMoveToOU: Unable to move the Active Directory account to the requested Organizational Unit. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].

134 ADerrorDeleteAccount: Unable to delete this computer account. Ensure the appropriate permissions exist to delete accounts. Error code: [v1], message: [v2], provider: [v3].

- 135 ADerrorBadParameters: Incorrect parameters sent to Citrix Provisioning from Studio. Error code: [v1], message: [v2], provider: [v3].
- 136 VolumeInUse: The volume is being used.
- 137 VolumeAccessDenied: Volume access is denied.
- 138 VolumeUnknownVolume: An unknown volume was specified.
- 139 VolumeGeneralError: An error occurred when executing a volume command.
- 140 MaintenanceServerError: Action cannot be performed, [v1] is a maintenance server for [v2].
- 141 NotManagedStore: The action cannot be performed because the store is not managed.
- 142 PathNotExist: The path does not exist on the given Server.
- 143 PathNoCreatePermission: The path does not have the appropriate create permissions.
- 144 PathNoReadPermission: The path does not have the appropriate read permissions.
- 145 PathNoWritePermission: The path does not have the appropriate write permissions.
- 146 PathNoDeletePermission: The path does not have the appropriate delete permissions.
- 147 IPCProtocolError: An internal error occurred. A field is missing from the process communication protocol data.
- 148 InvalidStoreServer: No active Server can serve the Store [v1].
- 149 ConstraintCheck: A database constraint caused an Add or Update to be stopped.
- 150 VamtNotFound: The Volume Activation Management Tool cannot be found.
- 151 ADerrorCannotGetObjectSID: Cannot return objectSID. Error code: [v1], message: [v2], provider: [v3].
- 152 ADerrorCannotDisableAccount: Cannot disable the Active Directory account at this time. Ensure that all account users are logged off before attempting to disable the account. Error code: [v1], message: [v2], provider: [v3].
- 153 ADerrorFailedToChangePassword: Unable to reset the machine account password. Ensure the appropriate permissions exist to perform this Active Directory task. Error code: [v1], message: [v2], provider: [v3].
- 154 ADerrorFailedToCopyDCName: Unable to copy the Domain Controller name. Error code: [v1], message: [v2], provider: [v3].
- 155 ADerrorDCNameIsTooLong: The Domain Controller name entered exceeds the maximum character length of [v4]. Error code: [v1], message: [v2], provider: [v3].
- 156 SiteMakUserPassword: The Site's makUser and makPassword fields must have values.
- 157 VamtError: See the log for additional error details.

- 158 InactiveDevice: Device specified is not active.
- 159 DiskIsInPrivateMode: This task cannot be performed because the vDisk is in private image mode.
- 160 AlreadyInChangeMode: Unable to complete this operation, vDisk is already in Maintenance, Merge, or Test mode.
- 161 CannotCreateMaintenanceDisk: Cannot create maintenance vDisk.
- 162 CannotEnterMaintenanceMode: To place a vDisk in Maintenance Mode requires using a Server. No Server is available at this time.
- 163 NotInMaintenanceMode: Unable to perform this action because the vDisk is not in Maintenance Mode.
- 164 NoVersionForMaintenanceMode: Unable to place this vDisk in Maintenance Mode because the highest version is not found.
- 165 NoVersionFound: Unable to perform this action because a version record was not found in the database.
- 166 Obsolete: The [v1] feature is obsolete.
- 167 DatabaseWarning: A database warning occurred.
- 168 DatabaseSQL: A database SQL error occurred.
- 169 DatabaseResource: A database resource error occurred.
- 170 InvalidUpdateTask: The specified UpdateTask does not exist.
- 171 InvalidVirtualHostingPool: The specified VirtualHostingPool does not exist.
- 172 RemoteCommand: An exception occurred executing a command on a remote Server.
- 173 IpcNotConfigured: An internal error occurred. The process communication interface must be configured before executing remote commands.
- 174 DiskAlreadySetForUpdate: The vDisk is already set for Update with Device [v1] in Site [v2].
- 175 InvalidDiskVersion: The vDisk Version specified is not valid.
- 176 HostResolution: Could not resolve the host name for [v1].
- 177 InProcess: The remote task is taking longer than expected. TaskId: [v1]
- 178 DateMustBeInFuture: The [v1] must be in the future.
- 179 InvalidRemoteReturn: The remote command did not return valid data.
- 180 InvalidParameterValueMinMax: The [v1] parameter value is invalid, the minimum is [v2] and the maximum is [v3].

181 InvalidParameterNotNumeric: The [v1] parameter value is invalid, it is not numeric.

182 InvalidParameterNotGuid: The [v1] parameter value is invalid, it is not a GUID.

183 PassThroughMessage: [v1]

184 DiskUpdateNotEnabled: The Automatic vDisk Update option must be enabled and the vDisk Update Server must be defined. Set these in the Site properties.

185 PvsStatusException:

Windows API error occurred, number 0xE000FFFF.

SQL error occurred, number 0xE001FFFF.

Manager error occurred. Error number 0xE002FFFF.

StreamProcess error occurred. Error number 0xE003FFFF.

Stream Database error occurred. Error number 0xE004FFFF.

Management error occurred. Error number 0xE005FFFF.

Shutdown in progress; request ignored. Error number 0xE0050001.

CreateDiffDisk: Malformed packet; missing one or more arguments. Error number 0xE0050002.

DeleteDiffDisk: Malformed file name; cannot parse directory and name. Error number 0xE0050003.

DeleteDiffDisk: Malformed packet; missing one or more arguments. Error number 0xE0050004.

IPC: Failed to read mtGetLocks parameters. Error number 0xE0050005.

IPC: Failed to read mtGetLockStatus parameters. Error number 0xE0050006.

IPC: Failed to read mtLock parameters. Error number 0xE0050007.

IPC: Failed to read mtUnlock parameters. Error number 0xE0050008.

MergeDisk event: Malformed packet; unknown message type. Error number 0xE0050009.

MergeDisk event: Unknown target request ID. Error number 0xE005000A.

MergeDisk event: Malformed packet; missing one or more arguments. Error number 0xE005000B.

MergeDisk: Malformed packet; missing one or more arguments. Error number 0xE005000C.

ValidateDisk: Malformed packet; missing one or more arguments. Error number 0xE005000D.

VHD Library error occurred. Error number 0xE006FFFF.

VHD Library: Not implemented. Error number 0xE0060001.

VHD Library: Handle pointer is invalid. Error number 0xE0060002.

VHD Library: Length of the path exceeds the limit of the file system. Error number 0xE0060003.

VHD Library: Name is empty. Error number 0xE0060004.

VHD Library: Length of the name exceeds the limit of the file system. Error number 0xE0060005.

VHD Library: Size of a parameter was too big. Error number 0xE0060006.

VHD Library: Size of a parameter was too small. Error number 0xE0060007.

VHD Library: The media is write protected. Error number 0xE0060008.

VHD Library: Type is invalid. Error number 0xE0060009.

VHD Library: Footer is incomplete. Error number 0xE006000A.

VHD Library: Failed to read or write the entire VHD Header. Error number 0xE006000B.

VHD Library: Failed to read or write the entire VHD Block Allocation Table. Error number 0xE006000C.

VHD Library: Failed to read or write all of the VHD properties. Error number 0xE006000D.

VHD Library: VHD footer is corrupt. Error number 0xE006000E.

VHD Library: VHD header is corrupt. Error number 0xE006000F.

VHD Library: Failed to read or write the VHD objects. Error number 0xE0060010.

VHD Library: Destination string is too small. Error number 0xE0060011.

VHD Library: Destination string pointer is NULL. Error number 0xE0060012.

VHD Library: Source string pointer is NULL. Error number 0xE0060013.

VHD Library: Offset is before the beginning of the VHD data area. Error number 0xE0060014.

VHD Library: Offset is after the end of the VHD data area. Error number 0xE0060015.

VHD Library: Failed to allocate memory because it was unavailable. Error number 0xE0060016.

VHD Library: Caller cancelled the last create request. Error number 0xE0060017.

VHD Library: Failed to read or write all of the data as requested. Error number 0xE0060018.

VHD Library: Failed to create a Universal Unique Identification for a VHD. Error number 0xE0060019.

VHD Library: Failed to find the VHD properties. Error number 0xE006001A.

VHD Library: Failed to read or write the entire sector bitmap within a block. Error number 0xE006001B.

VHD Library: Failed to read or write the entire block. Error number 0xE006001C.

VHD Library: Failed to open the file that represents the VHD. Error number 0xE006001D.

VHD Library: Requested number of bytes exceeds the remainder of bytes in a block. Error number 0xE006001E.

VHD Library: Accessed past end of the VHD file. Error number 0xE006001F.



VHD Library: Differencing VHD Unique ID (UUID) differs to parent VHD Unique ID. Error number 0xE0060020.

VHD Library: Differencing VHD timestamp differs to parent VHD last modified time. Error number 0xE0060021.

VHD Library: Failed to read or write the entire VHD Block Allocation Table Map. Error number 0xE0060022.

IPC error occurred. Error number 0xE007FFFF.

There was an unknown transmission error. Error number 0xE0070001.

No response received for successful send. Error number 0xA0070002.

Message processor timed out. Error number 0xE0070003.

Retry limit exhausted. Error number 0xE0070004.

Message recipient task is not active. Error number 0xE0070005.

Socket send/recv cannot be retried. Error number 0xE0070006.

Port shutdown due to connection opens exhausted. Error number 0xE0070007.

Port shutdown due to flood of junk packets. Error number 0xE0070008.

Port shutdown due to receive retries exhausted. Error number 0xE0070009.

Transport does not support fragmentation. Error number 0xE007000A.

One or more packet fragments are missing. Error number 0xE007000B.

Error sending message. Error number 0xE0070100.

Message acknowledgement timeout. Error number 0xA0070101.

Command timeout. Error number 0xE0070102.

Not implemented. Error number 0xE0070103.

Error verifying message port number, must be  $\geq 0$  and  $\leq 65535$ . Error number 0xE0070104.

Command initialization failed. Error number 0xE0070105.

Start of IPC failed. Error number 0xE0070106.

Stop of IPC failed. Error number 0xE0070107.

Memory allocation failure. Error number 0xE0070108.

Internal error, failure to wait long enough for a communication response to be received. Error number 0xE0070109.

Disk Update error occurred. Error number 0xE008FFFF.

Inventory error occurred. Error number 0xE009FFFF.

Inventory Table: Failed to start thread. Error number 0xE0090001.

Inventory Table: Invalid Entry. Error number 0xE0090002.

Inventory Table: Failed to initialize inventory. Error number 0xE0090003.

Shutdown in progress; request ignored. Error number 0xE0090004.

Get Disk Inventory: Parameters bad. Error number 0xE0090033.

Populate database: Failed offline. Error number 0xE0090065.

Populate database: Server get by name failed. Error number 0xE0090066.

Populate database: Uninitialized. Error number 0xE0090067.

Populate database: Get host name failed. Error number 0xE0090068.

Populate database: Char conversion failed. Error number 0xE0090069.

Populate database: Initialization failed. Error number 0xE009006A.

Populate database: Database open failed. Error number 0xE009006B.

Populate database: Get all disk locators failed. Error number 0xE009006C.

Inventory Table: Not yet implemented. Error number 0xE009006D.

Notifier error occurred. Error number 0xE00AFFFF.

MAPI error occurred. Error number 0xE00BFFFF.

186 TaskCancelled: Task [v1] is cancelled and is not running.

187 TaskCompleted: Task [v1] has been completed and is not running.

188 TaskInProgress: Task [v1] is running and cannot be processed.

189 InvalidTask: The specified Task does not exist.

190 InventoryServerCannotContactDatabase: The Inventory Service cannot contact the database.

191 ServerOffline: The Server is offline.

192 ServerStateUnknown: The Server state is unknown.

193 HighestVersionIsPending: Could not complete this action because the highest vDisk version is still pending. The scheduled date for the version has not occurred yet.

194 MergeInvalidWithCurrentVersions: Merge is not valid with the current versions that exist.

195 DiskInventoryError: vDisk versions are not up to date on all Servers that access this vDisk. Update all Servers with the latest versions of the vDisk files.

196 VDiskFileNotFoundWarning: [v1]: vDisk file was not found because it was deleted.

- 197 CannotAssignActiveServer: Stop the Server before attempting to assign the Server to a different site.
- 198 CannotAssignServerWithActiveDevice: Before attempting to assign the Server to a different site, shut down Devices connecting to the Server, then shut down the Server.
- 199 MappedDiskLocator: The vDisk is mapped and cannot be changed.
- 200 InvalidTemplateDevice: The Template Device must be a Production Device that does not have a Personal vDisk.
- 201 DeviceWithPersonalVDiskInvalid: Unable to process a Device that uses a personal vDisk.
- 202 CreatingDisk: Server is creating a vDisk so change cannot be done.
- 203 AssignedDiskLocatorToDeviceWithPersonalvDisk: Unable to delete a vDisk if the vDisk is currently assigned to a Device that uses a Personal vDisk. Unassign the Device, then delete the vDisk.
- 204 InvalidMacAddress: The MAC address for this VM is invalid. Configure the VM with a valid MAC address.
- 205 CannotGetMacFromHypervisor: The hypervisor did not return the MAC address for this VM: [v1]
- 206 Win32SystemException: A system error occurred.
- 207 RemoteManagementIpCannotBeResolved: Unable to resolve the management IP for Server [v1].
- 208 LocalManagementIpNotSet: The management IP for local server [v1] is not set in registry IPC\IPv4Address.
- 209 PerformVolumeMaintenanceTaskPermissions: Ensure the Service Account user has the appropriate 'Perform volume maintenance task' permissions.
- 210 CannotLoginToVirtualHostingPool: Unable to log on to the virtual hosting pool [v1]. Ensure that the hypervisor server is running properly.
- 211 VirtualHostingPoolNotSetForDevice: The virtualHostingPoolId for device [v1] with bdmBoot must be set.
- 212 ActiveBdmBootDeviceCannotProcess: The Boot Device Manager [v1] did not process successfully.
- 213 CannotMovePvdDeviceToAnotherSite: Personal vDisk Devices cannot be moved to another site.
- 214 XenDesktopSiteInvalid: Citrix Virtual Desktops Site for Devices is not valid, the Citrix Virtual Desktops Site is: [v1]
- 215 XenDesktopServiceListOutOfDate: Citrix Virtual Desktops Site [v1] is not reachable, check that the Citrix PVS Soap Server service user has Citrix Virtual Desktops permissions and network connectivity.

216 NoXenDesktopServiceForPersonalVDiskCapability: No Citrix Virtual Desktops service found for Personal vDisk capability.

217 InsufficientPermissionsToPreparePersonalVDisks: The user account for the Citrix PVS Soap Server has insufficient permissions to prepare Personal vDisks.

218 NotEnoughFreeDiskSpaceForManifest: There is not enough free disk space to create the manifest.

219 OperationCannotBeDoneOnlyPvdDevicesAssigned: Operation cannot be done, only Personal vDisk Devices are assigned.

220 DiskFormatCannotBeSetToVHD: The format cannot be set to VHD since no VHD vDisk file is found in the path, [v1], for Server, [v2].

221 DiskFormatCannotBeSetToVHDX: The format cannot be set to VHDX since no VHDX vDisk file is found in the path, [v1], for Server, [v2].

222 TemporaryVersionIsSet: This task cannot be performed because a temporary version is set.

223 DisksUsingPersistentCacheOnServer: A temporary version cannot be used for a vDisk that is using persistent cache on server.

224 UploadAlreadyInProgress: An upload is already in progress by Server [v1].

225 FieldMustBeNull: Field [v1] must be null.

226 DuplicateData: Record already exists in [v1] table for Farm.

227 CisUploadTokenGenerateError: Error generating upload token for My Citrix username [v1] ([v2]).

228 InvalidCredentials: The username or password is incorrect.

229 NoWriteAccessToFolders: No write access to folders [v1] or [v2].

230 ReportCreationError: Error creating problem report: [v1].

231 PvsProxyNotSupported: PVS Proxy not supported on this host

232 CannotCreateRegKey: Cannot create Registry key [v1]

4100 ADerrorUnexpectedError: An unexpected Active Directory related error occurred. Ensure the appropriate permissions exist to perform this task. Error code: [v1], message: [v2], provider: [v3].

## **ExecuteAdd**

```
MapiReturn ExecuteAdd(string command,  
List<KeyValuePair<string, string>> record,  
out string resultId);
```

### **ExecuteAdd AuthGroup**

Add an Active Directory or Windows Group for authorization.

record	Record to add. All record fields that do not have a Default are required.
authGroupName	Name of the Active Directory or Windows Group. Max Length=450
description	User description. Default="" Max Length=250
resultId	If successful, the GUID of the record added.

### **ExecuteAdd CeipData**

Add a new entry to CeipData table.

record	Record to add. All record fields that do not have a Default are required.
enabled	1 if CEIP is enabled, otherwise 0. Min=0, Max=1
nextUpload	Date and time next CEIP upload is due if enabled is 1. Default=null
inProgress	1 if an upload is currently in progress, otherwise 0. Default=0
serverId	ID of server that is currently uploading, null if inProgress is 0. Default=null Length=36
oneTimeUpload	1 to perform a one time upload. Default=0
resultId	If successful, the GUID of the record added.

### **ExecuteAdd CisData**

Add a new entry to CisData table.

record	Record to add. All record fields that do not have a Default are required.
userName	Username used to obtain the token Default=null Max Length=255
path	Path where the last problem report bundle was saved Default=null Max Length=255
password	Password of the user required to obtain the token. This is required only by Set and Add
resultId	If successful, the GUID of the record added.

### **ExecuteAdd Collection**

Add a Collection to a Site.

record	Record to add. All record fields that do not have a Default are required.
--------	---

**collectionName**      Name of the Collection. It is unique within the Site. Max Length=50

**siteld**              GUID of the Site that this Collection is a member of. It is not used with **siteName**. Length=36

**siteName**            Name of the Site that this Collection is a member of. It is not used with **siteld**.

**description**        User description. Default="" Max Length=250

**lastAutoAddDeviceNumber**    The Device Number of the last Auto Added Device. Default=0

**enabled**            1 when Devices in the Collection can be booted, 0 otherwise. Default=1

**autoAddPrefix**      The string put before the Device Number for Auto Add. Default=null ASCII computer name characters no end digit Max Length=12

**autoAddSuffix**      The string put after the Device Number for Auto Add. Default=null ASCII computer name characters no begin digit Max Length=12

**autoAddZeroFill**      1 when zeros be placed before the Device Number up to the **autoAddNumberLength** for Auto Add, 0 otherwise. Default=1

**autoAddNumberLength**    The maximum length of the Device Number for Auto Add. This length plus the **autoAddPrefix** length plus the **autoAddSuffix** length must be less than 16. Required that  $((\text{lenautoAddPrefix} + \text{lenautoAddSuffix}) + \text{autoAddNumberLength}) \leq 15$ . Min=3, Max=9, Default=4

**resultId**            If successful, the GUID of the record added.

### **ExecuteAdd Device**

Add a new Device to a collection.

**record**              Record to add. All record fields that do not have a Default are required.

**deviceName**        Computer name with no spaces. ASCII computer name characters Max Length=15

**collectionId**        GUID of the Collection this Device is to be a member of. It is not used with **collectionName**. Length=36

**collectionName**      Name of the Collection this Device is to be a member of. **siteName** or **siteld** must also be used.

**siteld**              GUID of the Site the **collectionName** is to be a member of. This or **siteName** is used with **collectionName**.

**siteName**            Name of the Site the **collectionName** is to be a member of. This or **siteld** is used with **collectionName**.

**description**        User description. Default="" Max Length=250

**deviceMac** Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17

**bootFrom** Device to boot from. Choices are 1 for vDisk, 2 for Hard Disk, and 3 for Floppy. This cannot be Set for a Device with Personal vDisk. Min=1, Max=3, Default=1

**className** Used by Automatic Update feature to match new versions of Disks to a Device. This cannot be Set for a Device with Personal vDisk. Default="" Max Length=41

**port** UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

**enabled** 1 when it can be booted, 0 otherwise. This cannot be Set for a Device with Personal vDisk. Default=1

**localDiskEnabled** If there is a local disk menu choice for the Device, this is 1. This cannot be Set for a Device with Personal vDisk. Default=0

**authentication** Device log in authentication. Choices are 0 for none, 1 for User Name/Password, and 2 for Extern. This cannot be Set for a Device with Personal vDisk. Min=0, Max=2, Default=0

**user** Name of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=20

**password** Password of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=100

**copyTemplate** 1 if the Template Device for the collection, if it exists, should be used for the property settings of the added Device. Default=0

**adTimestamp** The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0

**adSignature** The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0

**adPassword** The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" ASCII Max Length=256

**logLevel** Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

**domainName** Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255

**domainObjectSID** The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186

**domainControllerName** The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000

domainTimeCreated	The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null
type	1 when it performs test of Disks, 2 when it performs maintenance on Disks, 3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests, 0 otherwise. Min=0, Max=2, Default=0
localWriteCacheDiskSize	The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0
virtualHostingPoolId	GUID that uniquely identifies the Virtual Hosting Pool for a VM. This is needed when Adding a VM device. Default=null Length=36
hypVmId	Hypervisor VM ID for HCL Default=null Max Length=250
bdmBoot	Use PXE boot when set to 0, BDM boot when set to 1. Default is PXE Default=0
bdmType	Use PXE boot when set to 0, BDM (Bios) boot when set to 1 and BDM (Uefi) boot when set to 2. Default=0
bdmFormat	1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0
bdmUpdated	Timestamp of the last BDM boot disk update. Default=null
bdmCreated	Timestamp when BDM device was created Default=null
xsPvsProxyUuid	UUID of XenServer PVS_proxy Default=null Length=36
enableXsProxy	Enable XenServerProxy when set to 1 Default=null
resultId	If successful, the GUID of the record added.

### **ExecuteAdd DeviceWithPersonalvDisk**

Add a new Device with Personal vDisk to a collection.

record	Record to add. All record fields that do not have a Default are required.
deviceName	Computer name with no spaces. ASCII computer name characters Max Length=15
collectionId	GUID of the Collection this Device with Personal vDisk is to be a member of. It is not used with collectionName. Length=36
collectionName	Name of the Collection this Device with Personal vDisk is to be a member of. siteName or siteId must also be used.
diskLocatorId	GUID of the Disk Locator to update with this Device.
siteId	GUID of the Site the collectionName is to be a member of. This or siteName is used with collectionName.



siteName	Name of the Site the collectionName is to be a member of. This or siteId is used with collectionName.
description	User description. Default="" Max Length=250
deviceMac	Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device with Personal vDisk. Length=17
port	UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901
adTimestamp	The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0
adSignature	The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0
logLevel	Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0
domainName	Fully qualified name of the domain that the Device with Personal vDisk belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255
domainObjectSID	The value of the objectSID AD attribute of the same name for the Device with Personal vDisk's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186
domainControllerName	The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000
domainTimeCreated	The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null
type	3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests. Min=3, Max=4, Default=3
pvdDriveLetter	Personal vDisk Drive letter. Range is F to Z. Default=null Max Length=1
localWriteCacheDiskSize	The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0
bdmBoot	Use BDM instead of PXE boot when set to 1. Default=0
xdSiteId	GUID of the XenDesktop Site. Default=null Length=36
xdCatalogId	Integer identifier of the XenDesktop Catalog. Default=null
virtualHostingPoolId	GUID that uniquely identifies the Virtual Hosting Pool for a VM. This is needed when Adding a VM device. Default=null Length=36
enableXsProxy	Enable XenServerProxy when set to 1 Default=null
resultId	If successful, the GUID of the record added.

**ExecuteAdd DiskLocator**

Add a Disk Locator to a Site. The Disk file must already exist.

record	Record to add. All record fields that do not have a Default are required.
diskLocatorName	Name of the Disk Locator File. It is unique within the Store. ASCII Max Length=52
siteId	GUID of the Site this DiskLocator is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this DiskLocator is to be a member of. It is not used with siteId.
storeId	GUID of the Store that this Disk Locator is a member of. siteName or siteId must also be used. It is not used with storeName. Length=36
storeName	Name of the Store that this Disk Locator is a member of. siteName or siteId must also be used. It is not used with storeId.
description	User description. Default="" Max Length=250
menuText	Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64
serverId	GUID of the single Server that this Disk Locator is assigned to. It is not used with serverName. Default=null Length=36
serverName	Name of the single Server that this Disk Locator is assigned to. It is not used with serverId. Default=null
enabled	1 when this disk can be booted, 0 otherwise. Default=1
rebalanceEnabled	1 when this Server can automatically rebalance Devices, 0 otherwise. Default=0
rebalanceTriggerPercent	Percent over fair load that triggers a dynamic Device rebalance. Min=5, Max=5000, Default=25
subnetAffinity	Qualifier for subnet affinity when assigning a Server. 0=None, 1=Best Effort, 2=Fixed. Min=0, Max=2, Default=0
newDiskWriteCacheType	The writeCacheType that if a new Disk will be created, it will be set with. It is only used when a new Disk is being created. Value are: 0 (Private), (other values are standard image) 1 (Cache on Server), 3 (Cache in Device RAM), 4 (Cache on Device Hard Disk), 7 (Cache on Server, Persistent), or 9 (Cache in Device RAM with Overflow on Hard Disk) Default=0
format	Format of the image when adding a DiskLocator for a vDisk that has never been added to the Farm. VHDX is the only format that requires this field. Values are: 0 (VHD) and 1 (VHDX). Default=0

resultId            If successful, the GUID of the record added.

### **ExecuteAdd DiskUpdateDevice**

Add a new Device related to a Disk that can be updated.

record            Record to add. All record fields that do not have a Default are required.

deviceName        Computer name with no spaces. ASCII computer name characters Max Length=15

virtualHostingPoolId    GUID of the Virtual Hosting Pool. It is not used with virtualHostingPoolName.  
Default=null Length=36

virtualHostingPoolName    Name of the Virtual Hosting Pool.

diskLocatorId        GUID of the Disk Locator to update with this Device.

description        User description. Default="" Max Length=250

deviceMac            Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the  
Device. Length=17

port                UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

adTimestamp        The time the Active Directory machine account password was generated. Do not  
set this field, it is only set internally by PVS. Default=0

adSignature        The signature of the Active Directory machine account password. Do not set this  
field, it is only set internally by PVS. Default=0

logLevel            Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4  
(Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

domainName        Fully qualified name of the domain that the Device belongs to. Do not set this  
field, it is only set internally by PVS. Default=null Max Length=255

domainObjectSID        The value of the objectSID AD attribute of the same name for the Device's  
computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186

domainControllerName    The name of the DC used to create the host's computer account. Do not  
set this field, it is only set internally by PVS. Default=null Max Length=4000

domainTimeCreated    The time that the computer account was created. Do not set this field, it is  
only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null

adPassword        The Active Directory machine account password. Do not set this field, it is only set  
internally by PVS. Default="" Max Length=256

resultId            If successful, the GUID of the record added.

### **ExecuteAdd FarmView**

Add a View to a Farm.

record	Record to add. All record fields that do not have a Default are required.
farmViewName	name of the Farm View. Max Length=50
description	User description. Default="" Max Length=250
resultId	If successful, the GUID of the record added.

### **ExecuteAdd Server**

Add a Server to a Site.

record	Record to add. All record fields that do not have a Default are required.
serverName	Computer name with no spaces. ASCII computer name characters Max Length=21
siteId	GUID of the Site this Server is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this Server is to be a member of. It is not used with siteId.
description	User description. Default="" Max Length=250
adMaxPasswordAge	Number of days before a password expires. Min=1, Max=30, Default=7
licenseTimeout	Amount of seconds before a license times out. Min=15, Max=300, Default=30
vDiskCreatePacing	VDisk create time pacing in milliseconds. Min=0, Max=5, Default=0
firstPort	Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910
lastPort	Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930
threadsPerPort	Number of worker threads per IO port. Required that (threadPerPort * numberPorts * numberIPs) <= 1000. Min=1, Max=60, Default=8
buffersPerThread	Number of buffers per worker thread. Min=1, Max=128, Default=24
serverCacheTimeout	Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8
ioBurstSize	Number of bytes read/writes can send in a burst of packets. Required that ioBurstSize/(maxTransmissionUnits-76)<=32. Min=4096, Max=61440, Default=32768

**maxTransmissionUnits** Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=502, Max=16426, Default=1506

**maxBootDevicesAllowed** Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500

**maxBootSeconds** Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60

**bootPauseSeconds** Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10

**adMaxPasswordAgeEnabled** Age the password, when set to 1. Default=0

**eventLoggingEnabled** Enable event logging, when set to 1. Default=0

**nonBlockingIoEnabled** Use non-Blocking IO, when set to 1. Default=1

**ip** One or more streaming ip addresses. If more than one ip is included, the ip addresses are comma delimited.

**initialQueryConnectionPoolSize** Initial size of database connection pool for non-transactional queries. Min=1, Max=1000, Default=50

**initialTransactionConnectionPoolSize** Initial size of database connection pool for transactional queries. Min=1, Max=1000, Default=50

**maxQueryConnectionPoolSize** Maximum size of database connection pool for non-transactional queries. Min=1, Max=32767, Default=1000

**maxTransactionConnectionPoolSize** Maximum size of database connection pool for transactional queries. Min=1, Max=32767, Default=1000

**refreshInterval** Interval, in number of seconds, the server should wait before refreshing settings. If set to 0, unused database connections are never released. Min=0, Max=32767, Default=300

**unusedDbConnectionTimeout** Interval, in number of seconds, a connection should go unused before it is to be released. Min=0, Max=32767, Default=300

**busyDbConnectionRetryCount** Number of times a failed database connection will be retried. Min=0, Max=32767, Default=2

**busyDbConnectionRetryInterval** Interval, in number of milliseconds, the server should wait before retrying to connect to a database. Min=0, Max=10000, Default=25

**localConcurrentIoLimit** Maximum concurrent IO transactions it performs for vDisks that are local. A value of 0 disables the feature. Min=0, Max=128, Default=4

**remoteConcurrentIoLimit** Maximum concurrent IO transactions it performs for vDisks that are remote. A value of 0 disables the feature. Min=0, Max=128, Default=4

**logLevel** Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=4

**logFileSizeMax** Maximum size log files can reach in Megabytes. Min=1, Max=50, Default=5

**logFileBackupCopiesMax** Maximum number of log file backups. Min=1, Max=50, Default=4

**powerRating** A strictly relative rating of this Server's capabilities when compared to other Servers in the Store(s) it belongs too; can be used to help tune load balancing. Min=0.1, Max=1000, Default=1

**lastCeipUploadAttempt** Time that this server last attempted a CEIP upload. Default=null

**lastBugReportAttempt** Time that this server last attempted to upload or generate a bug report bundle. Default=null

**lastBugReportStatus** Status of the last bug report on this server. Default=null Max Length=250

**lastBugReportResult** Status of the last bug report on this server. Default=null Max Length=4000

**lastBugReportSummary** Summary of the last bug report on this server. Default=null Max Length=250

**resultId** If successful, the GUID of the record added.

### **ExecuteAdd Site**

Add a Site to the system.

**record** Record to add. All record fields that do not have a Default are required.

**siteName** Name of the Site. Max Length=50

**description** User description. Default="" Max Length=250

**inventoryFilePollingInterval** The number of seconds between polls for Disk changes in the Stores. Min=1, Max=600, Default=60

**enableDiskUpdate** 1 when Disk Updated is enabled for the Site, 0 otherwise. Default=0

**diskUpdateServerId** GUID of the Disk Update Server for the Site. Not used with diskUpdateServerName. Default=null Length=36

**diskUpdateServerName** Name of the Disk Update Server for the Site. Not used with diskUpdateServerId. Default=null

**makUser** User name used for MAK activation. Default=null Max Length=64

**makPassword** User password used for MAK activation. Default=null Max Length=64

**enableXsProxy** Enable XenServerProxy when set to 1 Default=null

virtualHostingPoolId    GUID of the VirtualHostingPool object.

virtualHostingPoolName    Name of the VirtualHostingPool object.

xsPvsSiteUuid    GUID of the XenServer PVS Site.

resultId    If successful, the GUID of the record added.

### **ExecuteAdd SiteView**

Add a View to a Site.

record    Record to add. All record fields that do not have a Default are required.

siteViewName    Name of the Site View. Max Length=50

siteId    GUID of the Site this View is to be a member of. It is not used with siteName. Length=36

siteName    Name of the Site this View is to be a member of. It is not used with siteId.

description    User description. Default="" Max Length=250

resultId    If successful, the GUID of the record added.

### **ExecuteAdd Store**

Add a Store to the system.

record    Record to add. All record fields that do not have a Default are required.

storeName    Name of the Store. Max Length=50

siteId    GUID of the Site where Administrators of that Site can change this Store. Not used for Farm Stores. siteName can be used instead. Default=null Length=36

siteName    Name of the Site where Administrators of that Site can change this Store. Not used for Farm Stores. siteId can be used instead. Default=null

description    User description. Default="" Max Length=250

path    Default directory path that the Servers use to access this Store. Max Length=255

cachePath    Default Cache path(s) that the Servers use with this Store. It is an ordered comma-delimited list. If none are specified the caches will be placed in the WriteCache subdirectory of the Store path. Default=None

resultId    If successful, the GUID of the record added.

**ExecuteAdd UpdateTask**

Add a new Update Task for the Site.

record	Record to add. All record fields that do not have a Default are required.
updateTaskName	Name of the Update Task. It is unique within the Site. Max Length=50
siteId	GUID of the Site that this Update Task is a member of. It is not used with siteName. Length=36
siteName	Name of the Site that this Update Task is a member of. It is not used with siteId.
description	User description. Default="" Max Length=250
enabled	1 when it will be processed, 0 otherwise. Default=1
hour	The hour of the day to perform the task. Min=0, Max=23, Default=0
minute	The minute of the hour to perform the task. Min=0, Max=59, Default=0
recurrence	The update will reoccur on this schedule. 0 = None, 1 = Daily, 2 = Every Weekday, 3 = Weekly, 4 = Monthly Date, 5 = Monthly Type. Min=0, Max=5, Default=0
dayMask	Days selected values. 1 = Monday, 2 = Tuesday, 4 = Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday, 64 = Sunday, 128 = Day. Default=0. This is used with Weekly and Monthly Type recurrence. Min=1, Max=255, Default=4
date	Comma delimited days of the month. Numbers from 1-31 are the only valid values. This is used with Monthly Date recurrence. Default="" Max Length=83
monthlyOffset	When to happen monthly. 0 = None, 1 = First, 2 = Second, 3 = Third, 4 = Forth, 5 = Last. This is used with Monthly Type recurrence. Min=0, Max=5, Default=3
esdType	Esd to use. Valid values are SCCM or WSUS. If no value, a custom script is run on the client. Default=null Max Length=50
preUpdateScript	Script file to run before the update starts. Default=null Max Length=255
preVmScript	Script file to run before the VM is loaded. Default=null Max Length=255
postUpdateScript	Script file to run after the update finishes. Default=null Max Length=255
postVmScript	Script file to run after the VM is unloaded. Default=null Max Length=255
domain	Domain to add the Disk Update Device(s) to. If not included, the first Domain Controller found on the Server is used. Default=null Max Length=255
organizationUnit	Organizational Unit to add the Disk Update Device(s) to. This parameter is optional. If it is not specified, the device is added to the built in Computers container. Child OU's should be delimited with forward slashes, e.g. "ParentOU/ChildOU". Special characters in an OU name, such



as “”, ‘#’, ‘+’, ‘,’’, ‘>’, ‘=’, must be escaped with a backslash. For example, an OU called “com-maln,TheMiddle” must be specified as “commaln\,TheMiddle”. The old syntax of delimiting child OU’s with a comma is still supported, but deprecated. Note that in this case, the child OU comes first, e.g. “ChildOU,ParentOU”. Default=null Max Length=255

postUpdateApprove      Access to place the version in after the update has occurred. 0 = Production, 1 = Test, 2 = Maintenance. Min=0, Max=2, Default=0

resultId                If successful, the GUID of the record added.

### **ExecuteAdd VirtualHostingPool**

Add a new Virtual Hosting Pool for the Site.

record                Record to add. All record fields that do not have a Default are required.

virtualHostingPoolName      Name of the Virtual Hosting Pool. It is unique within the Site. Max Length=50

siteId                GUID of the Site that this Virtual Hosting Pool is a member of. It is not used with siteName. Length=36

siteName              Name of the Site that this Virtual Hosting Pool is a member of. It is not used with siteId.

type                Type of the Virtual Hosting Pool. 0 = Citrix XenServer, 1 = Microsoft SCVMM/Hyper-V, 2 = VMWare vSphere/ESX. Min=0, Max=3, Default=0

description            User description. Default="" Max Length=250

server                Name or IP of the Host Server. Max Length=255

port                Port of the Host Server. Min=80, Max=65534, Default=80

datacenter            Datacenter of the Virtual Hosting Pool. Default="" Max Length=250

updateLimit            Number of updates at the same time. Min=2, Max=1000, Default=1000

updateTimeout        Timeout for updates. Min=2, Max=240, Default=60

shutdownTimeout      Timeout for shutdown. Min=2, Max=30, Default=10

userName            Name to use when logging into the Server.

password            Password to use when logging into the Server.

xdHostingUnitUuid      UUID of XenDesktop Hosting Unit Default=null Length=36

populateEnabled      Enable populate when set to 1 Default=0

xsPvsSiteUuid        UUID of XenServer PVS\_site Default=null Length=36

platformVersion      Hypervisor Host Version Default=null Max Length=250

xdHcHypervisorConnectionName    Hypervisor Connection Name for HCL Connection Details object  
Default=null Max Length=250

xdHcHypervisorConnectionUid    Hypervisor Connection Uid for HCL Connection Details object  
Default=null Max Length=250

xdHcRevision      Revision for HCL Connection Details object Default=null Max Length=250

xdHcCustomProperties      Custom Properties for HCL Connection Details object Default=null Max  
Length=250

xdHcSslThumbprints      Ssl Thumbprints for HCL Connection Details object Default=null Max  
Length=250

disableHostXsProxy    True to disable PVS-Accelerator Default=null

resultId      If successful, the GUID of the record added.

### **ExecuteAdd VirtualHostingPoolServer**

Add a new Virtual Hosting Pool Server for XenServer PVS proxy

record      Record to add. All record fields that do not have a Default are required.

virtualHostingPoolId      GUID of the Virtual Hosting Pool being used for XenServer PVS proxy.  
Length=36

serverId      GUID of the Server that has a PVS\_server in XenServer Length=36

xsPvsServerUuid      UUID of the XenServer PVS\_server Length=36

resultId      If successful, the GUID of the record added.

### **ExecuteDelete**

MapiReturn ExecuteDelete(string command,  
List<KeyValuePair<string, string> parameters);

### **ExecuteDelete AuthGroup**

Delete an AuthGroup Active Directory or Windows Group name.

parameters      Parameters needed for this Delete.

One of these required

authGroupId      GUID of the AuthGroup to Delete.

authGroupName      Name of the AuthGroup to Delete.

Optional

force      When set to 1, the AuthGroup will be Deleted even if being used, otherwise an error is returned if being used.

### **ExecuteDelete Collection**

Delete a Collection.

parameters      Parameters needed for this Delete.

This required

collectionId      GUID of the Collection to Delete.

or this required & resolution

collectionName      Name of the Collection to Delete.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

### **ExecuteDelete Device**

Delete one or more Devices.

parameters      Parameters needed for this Delete.

One of these required

deviceId      GUID of the Device to Delete.

deviceName      Name of the Device to Delete.

deviceMac      MAC of the Device to Delete.

collectionId      GUID of the Collection to delete all Devices.

or this required & resolution

collectionName      Name of the Collection to delete all Devices.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

### **ExecuteDelete DeviceDiskCacheFile**

Delete the Disk cache files for a Device.

parameters          Parameters needed for this Delete.

One of these required

deviceId          GUID of the Device to Delete Disk cache files.

deviceName          Name of the Device to Delete Disk cache files.

deviceMac          MAC of the Device to Delete Disk cache files.

This required

diskLocatorId          GUID of the Disk Locator to Delete Disk cache files.

or this required & resolution

diskLocatorName          Name of the Disk Locator File to Delete Disk cache files.

One of these resolutions when needed

siteId          GUID of the Site.

siteName          Name of the Site.

One of these resolutions when needed

storeId          GUID of the Store that is needed when a diskLocatorName is used.

storeName          Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteDelete DiskLocator**

Delete one or more Disk Locators.

parameters          Parameters needed for this Delete.

This required

diskLocatorId          GUID of the Disk Locator to Delete.

or one of these required & resolutions

diskLocatorName          Name of the Disk Locator File to Delete.

storeId          GUID of the Store to delete all DiskLocators.

storeName          Name of the Store to delete all DiskLocators.

Optional

deleteDiskFile          1 if the Disk File should be deleted, 0 otherwise. Default=0

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId         GUID of the Store that is needed when a diskLocatorName is used.

storeName       Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteDelete DiskUpdateDevice**

Delete a Disk Update Device.

parameters      Parameters needed for this Delete.

One of these required

deviceId        GUID of the Disk Update Device to Delete.

deviceName      Name of the Disk Update Device to Delete.

deviceMac       MAC of the Disk Update Device to Delete.

### **ExecuteDelete DiskVersion**

Remove the latest Disk version or no longer needed version if no Devices are currently booted from that version.

parameters      Parameters needed for this Delete.

This required

diskLocatorId    GUID of the Disk Locator to Delete the Version from.

or this required & resolution

diskLocatorName    Name of the Disk Locator File to Delete the Version from.

Optional

version           Specifies the version that should be deleted. Used when deleting versions that are no longer needed because of a Merge.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteDelete FarmView**

Delete a View from the Farm.

parameters            Parameters needed for this Delete.

One of these required

farmViewId            GUID of the Farm View to Delete.

farmViewName            Name of the Farm View to Delete.

### **ExecuteDelete Server**

Delete a Server.

parameters            Parameters needed for this Delete.

One of these required

serverId            GUID of the Server to Delete.

serverName            Name of the Server to Delete.

### **ExecuteDelete ServerStore**

Delete the connection from a Server to a Store.

parameters            Parameters needed for this Delete.

One of these required

serverId            GUID of a Server that uses the path to get to the Store.

serverName            Name of a Server that uses the path to get to the Store.

One of these required

storeId            GUID of the Store.

storeName            Name of the Store.

### **ExecuteDelete Site**

Delete a Site.

parameters          Parameters needed for this Delete.

One of these required

siteId                GUID of the Site to Delete.

siteName            Name of the Site to Delete.

### **ExecuteDelete SiteView**

Delete a View from a Site.

parameters          Parameters needed for this Delete.

This required

siteViewId          GUID of the Site View to Delete.

or this required & resolution

siteViewName        Name of the Site View to Delete.

One of these resolutions when needed

siteId                GUID of the Site.

siteName            Name of the Site.

### **ExecuteDelete Store**

Delete a Store.

parameters          Parameters needed for this Delete.

One of these required

storeId              GUID of the Store to Delete.

storeName           Name of the Store to Delete.

### **ExecuteDelete UpdateTask**

Delete an Update Task from a Site.

parameters          Parameters needed for this Delete.

This required

updateTaskId      GUID of the Update Task to Delete.

or this required & resolution

updateTaskName      Name of the Update Task to Delete.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

### **ExecuteDelete VirtualHostingPool**

Delete a Virtual Hosting Pool from a Site.

parameters      Parameters needed for this Delete.

This required

virtualHostingPoolId      GUID of the Virtual Hosting Pool to Delete.

or this required & resolution

virtualHostingPoolName      Name of the Virtual Hosting Pool to Delete.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

### **ExecuteDelete VirtualHostingPoolServer**

Delete a Virtual Hosting Pool Server from a Site.

parameters      Parameters needed for this Delete.

This required

virtualHostingPoolId      GUID of the Virtual Hosting Pool to Delete.

This required

serverId      GUID of the Server to Delete.

### **ExecuteGet**

MapiReturn ExecuteGet(string command,

List<KeyValuePair<string, string> parameters,



```
string sortField,  
bool ascending,  
List fields,  
out List<List<KeyValuePair<string, string>>> records);
```

### **ExecuteGet AdDomains**

Get all of the available Active Directory domains.

fields	List of fields to retrieve, if not included, all fields are retrieved.
name	Name of the Domain.
records	If successful, records retrieved.

### **ExecuteGet AuditActionParameters**

Get the Parameters of an Audit Action.

parameters	Parameters needed for the Get.
------------	--------------------------------

This required

auditActionId	GUID of the Audit Action to Get Parameters for.
fields	List of fields to retrieve, if not included, all fields are retrieved.
auditParameterName	Name of the parameter. Max Length=50
value	Value of the parameter. Max Length=1000
records	If successful, records retrieved.

### **ExecuteGet AuditActionProperties**

Get the Properties of an Audit Action.

parameters	Parameters needed for the Get.
------------	--------------------------------

This required

auditActionId	GUID of the Audit Action to Get Properties for.
fields	List of fields to retrieve, if not included, all fields are retrieved.
auditPropertyName	Name of the property. Max Length=50
oldValue	Previous value of the Property. Default=null Max Length=1000

newValue            New value of the Property. Default=null Max Length=1000  
records            If successful, records retrieved.

### **ExecuteGet AuditActionSibling**

Get the Sibling of an Audit Action. It is the 2nd object involved with the action.

parameters            Parameters needed for the Get.

This required

auditActionId            GUID of the Audit Action to Get Sibling for.

fields            List of fields to retrieve, if not included, all fields are retrieved.

auditActionId            GUID of the action. Length=36

type            Type of object that action was performed on. Values are: 1 (AuthGroup), 2 (Collection), 3 (Device), 4 (Disk), 5 (DiskLocator), 6 (Farm), 7 (FarmView), 8 (Server), 9 (Site), 10 (SiteView), 11 (Store), 12 (System), and 13 (UserGroup)

objectId            GUID of the object of the action. Length=36

objectName            Name of the object of the action. Max Length=1000

path            Path of the object of the action. An example is Site\Collection for a Device. Default=null  
Max Length=101

siteId            GUID of the Site for the object of the action. Empty when not valid. Default=null  
Length=36

subId            GUID of the Collection or Store of the action. Empty when not valid. Default=null  
Length=36

records            If successful, records retrieved.

### **ExecuteGet AuditTrail**

Get the Audit Trail actions for a Farm, Site, Server, DiskLocator, Collection, Device, User Group, Site View, Farm View or Store. All Audit Trail actions are returned if no parameters are passed. The result can be filtered by parent, user\domain and date range.

parameters            Parameters needed for the Get.

One of these optional

auditActionId            GUID of the Audit Action to Get.

**parentId**            Parent `auditActionId` of the records to retrieve. If no parameters are included, only records with no parent are returned.

**rootId**            Root `auditActionId` of the records to retrieve. All of the actions caused by the root action are returned. If no parameters are included, only records with no root are returned.

**siteId**            GUID of the Site to get the Audit Trail for.

**siteName**        Name of the Site to get the Audit Trail for.

**collectionId**    GUID of the Collection to get the Audit Trail for.

**siteViewId**     GUID of the Site View to get the Audit Trail for.

**farmViewId**     GUID of the Farm View to get the Audit Trail for.

**farmViewName**   Name of the Farm View to get the Audit Trail for.

**serverId**        GUID of the Server to get the Audit Trail for.

**serverName**     Name of the Server to get the Audit Trail for.

**deviceId**        GUID of the Device to get the Audit Trail for.

**deviceName**     Name of the Device to get the Audit Trail for.

**deviceMac**      MAC of the Device to get the Audit Trail for.

**storeId**        GUID of the Store to get the Audit Trail for.

**storeName**      Name of the Store to get the Audit Trail for.

**diskLocatorId**   GUID of the DiskLocator to get the Audit Trail for.

or one of these optional & resolutions

**collectionName**   Name of the Collection to get the Audit Trail for.

**siteViewName**    Name of the Site View to get the Audit Trail for.

**diskLocatorName**   Name of the DiskLocator to get the Audit Trail for.

Optional

**userName**        User that performed the action.

**domain**          Domain of the user that performed the action.

**beginDate**        Date of the first actions to get. If not included, all actions until the `endDate` are returned. If neither this or the `endDate` are included, then only actions that occurred in the last week are returned. Format is: `yyyy/mm/dd`

**endDate**          Date of the last actions to get. If not included, all actions from the `beginDate` until now are returned. If neither this or the `beginDate` are included, then only actions that occurred in the last week are returned. Format is: `yyyy/mm/dd`

type            Comma delimited list of types to get. Values are listed in the type field description.

action        Comma delimited list of actions to get. Values are listed in the action field description.

One of these resolutions when needed

siteId        GUID of the Site.

siteName      Name of the Site.

One of these resolutions when needed

storeId       GUID of the Store that is needed when a diskLocatorName is used.

storeName     Name of the Store that is needed when a diskLocatorName is used.

fields        List of fields to retrieve, if not included, all fields are retrieved.

auditActionId   GUID of the action. Length=36

time           Date/Time the action occurred down to the millisecond. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=getdate

userName      User that performed the action. Max Length=255

domain        Domain of the user that performed the action. Max Length=255

type           Type of object that action was performed on. Values are: 0 (Many), 1 (AuthGroup), 2 (Collection), 3 (Device), 4 (Disk), 5 (DiskLocator), 6 (Farm), 7 (FarmView), 8 (Server), 9 (Site), 10 (SiteView), 11 (Store), 12 (System), and 13 (UserGroup)

action        Name of the action taken. This is a number that is converted to a string for display. Values are: 1 (AddAuthGroup), 2 (AddCollection), 3 (AddDevice), 4 (AddDiskLocator), 5 (AddFarmView), 6 (AddServer), 7 (AddSite), 8 (AddSiteView), 9 (AddStore), 10 (AddUserGroup), 11 (AddVirtualHostingPool), 12 (AddUpdateTask), 13 (AddDiskUpdateDevice), 1001 (DeleteAuthGroup), 1002 (DeleteCollection), 1003 (DeleteDevice), 1004 (DeleteDeviceDiskCacheFile), 1005 (DeleteDiskLocator), 1006 (DeleteFarmView), 1007 (DeleteServer), 1008 (DeleteServerStore), 1009 (DeleteSite), 1010 (DeleteSiteView), 1011 (DeleteStore), 1012 (DeleteUserGroup), 1013 (DeleteVirtualHostingPool), 1014 (DeleteUpdateTask), 1015 (DeleteDiskUpdateDevice), 1016 (DeleteDiskVersion), 2001 (RunAddDeviceToDomain), 2002 (RunApplyAutoUpdate), 2003 (RunApplyIncrementalUpdate), 2004 (RunArchiveAuditTrail), 2005 (RunAssignAuthGroup), 2006 (RunAssignDevice), 2007 (RunAssignDiskLocator), 2008 (RunAssignServer), 2009 (RunWithReturnBoot), 2010 (RunCopyPasteDevice), 2011 (RunCopyPasteDisk), 2012 (RunCopyPasteServer), 2013 (RunCreateDirectory), 2014 (RunCreateDiskCancel), 2015 (RunDisableCollection), 2016 (RunDisableDevice), 2017 (RunDisableDeviceDiskLocator), 2018 (RunDisableDiskLocator), 2019 (RunDisableUserGroup), 2020 (RunDisableUserGroupDiskLocator), 2021 (RunWithReturnDisplayMessage), 2022 (RunEnableCollection), 2023 (RunEnableDevice), 2024 (RunEnableDeviceDiskLocator), 2025 (RunEnableDiskLocator), 2026 (RunEnableUserGroup), 2027 (RunEnableUserGroupDiskLocator), 2028 (RunExportOemLicenses), 2029 (RunImportDatabase), 2030 (RunImportDevices), 2031 (RunImportOemLicenses), 2032 (RunMarkDown), 2033

(RunWithReturnReboot), 2034 (RunRemoveAuthGroup), 2035 (RunRemoveDevice), 2036 (RunRemoveDeviceFromDomain), 2037 (RunRemoveDirectory), 2038 (RunRemoveDiskLocator), 2039 (RunResetDeviceForDomain), 2040 (RunResetDatabaseConnection), 2041 (RunRestartStreamingService), 2042 (RunWithReturnShutdown), 2043 (RunStartStreamingService), 2044 (RunStopStreamingService), 2045 (RunUnlockAllDisk), 2046 (RunUnlockDisk), 2047 (RunServerStoreVolumeAccess), 2048 (RunServerStoreVolumeMode), 2049 (RunMergeDisk), 2050 (RunRevertDiskVersion), 2051 (RunPromoteDiskVersion), 2052 (RunCancelDiskMaintenance), 2053 (RunActivateDevice), 2054 (RunAddDiskVersion), 2055 (RunExportDisk), 2056 (RunAssignDisk), 2057 (RunRemoveDisk), 2058 (RunDiskUpdateStart), 2059 (RunDiskUpdateCancel), 2060 (RunSetOverrideVersion), 2061 (RunCancelTask), 2062 (RunClearTask), 2063 (RunForceInventory), 2064 RunUpdateBDM, 2065 (RunStartDeviceDiskTempVersionMode), 2066 (RunStopDeviceDiskTempVersionMode), 3001 (RunWithReturnCreateDisk), 3002 (RunWithReturnCreateDiskStatus), 3003 (RunWithReturnMapDisk), 3004 (RunWithReturnRebalanceDevices), 3005 (RunWithReturnCreateMaintenanceVersion), 3006 (RunWithReturnImportDisk), 4001 (RunByteArrayInputImportDevices), 4002 (RunByteArrayInputImportOemLicenses), 5001 (RunByteArrayOutputArchiveAuditTrail), 5002 (RunByteArrayOutputExportOemLicenses), 6001 (SetAuthGroup), 6002 (SetCollection), 6003 (SetDevice), 6004 (SetDisk), 6005 (SetDiskLocator), 6006 (SetFarm), 6007 (SetFarmView), 6008 (SetServer), 6009 (SetServerBiosBootstrap), 6010 (SetServerBootstrap), 6011 (SetServerStore), 6012 (SetSite), 6013 (SetSiteView), 6014 (SetStore), 6015 (SetUserGroup), 6016 SetVirtualHostingPool, 6017 SetUpdateTask, 6018 SetDiskUpdateDevice, 7001 (SetListDeviceBootstraps), 7002 (SetListDeviceBootstrapsDelete), 7003 (SetListDeviceBootstrapsAdd), 7004 (SetListDeviceCustomProperty), 7005 (SetListDeviceCustomPropertyDelete), 7006 (SetListDeviceCustomPropertyAdd), 7007 (SetListDeviceDiskPrinters), 7008 (SetListDeviceDiskPrintersDelete), 7009 (SetListDeviceDiskPrintersAdd), 7010 (SetListDevicePersonality), 7011 (SetListDevicePersonalityDelete), 7012 (SetListDevicePersonalityAdd), 7013 (SetListDiskLocatorCustomProperty), 7014 (SetListDiskLocatorCustomPropertyDelete), 7015 (SetListDiskLocatorCustomPropertyAdd), 7016 (SetListServerCustomProperty), 7017 (SetListServerCustomPropertyDelete), 7018 (SetListServerCustomPropertyAdd), 7019 (SetListUserGroupCustomProperty), 7020 (SetListUserGroupCustomPropertyDelete), and 7021 (SetListUserGroupCustomPropertyAdd)

**objectId**                GUID of the object of the action. Default=null Length=36

**objectName**            Name of the object of the action. Default=null Max Length=1000

**path**                   Path of the object of the action. An example is Site\Collection for a Device. Default=null Max Length=101

**siteId**                  GUID of the Site for the object of the action. Empty when not valid. Default=null Length=36

**subId**                   GUID of the Collection or Store of the action. Empty when not valid. Default=null Length=36

**parentId**                GUID of the parent action (one that triggered this action) if one exists. Empty when not valid. Default=null Length=36

**rootId** GUID of the root action (one that triggered this group of actions) if one exists. Empty when not valid. Default=null Length=36

**attachments** An or'ed value that indicates if there are any details for this action. A value of 15 indicates that there are Children, Sibling, Parameters and Properties for the action. Values are: 0 (None), 1 (Children), 2 (Sibling), 4 (Parameters), and 8 (Properties) Default=0

**records** If successful, records retrieved.

### **ExecuteGet AuthGroup**

Get the fields for an AuthGroup, all AuthGroups in the system, AuthGroups with Farm, Site or Collection Authorization. All AuthGroups in the system are returned if no parameters are passed.

**parameters** Parameters needed for the Get.

One of these optional

**authGroupId** GUID of the AuthGroup to Get.

**authGroupName** Name of the AuthGroup to Get.

**siteId** GUID of the Site to Get all AuthGroups with Authorization for.

**siteName** Name of the Site to Get all AuthGroups with Authorization for.

**collectionId** GUID of the Collection to Get all AuthGroups with Authorization for.

or this optional & resolution

**collectionName** Name of the Collection to Get all AuthGroups with Authorization for.

Optional

**farm** 1 if AuthGroups with Farm Authorization should be returned, 0 otherwise.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

**sortField** Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**authGroupName** Name of the Active Directory or Windows Group. Max Length=450

**description** User description. Default="" Max Length=250

**fields** List of fields to retrieve, if not included, all fields are retrieved.

**authGroupId** Read-only GUID that uniquely identifies this AuthGroup. Length=36

**authGroupName** Name of the Active Directory or Windows Group. Max Length=450

description	User description. Default="" Max Length=250
role	Role of the AuthGroup for a Collection. role can only be used with collectionId or collectionName. 300 is Collection Administrator, and 400 is Collection Operator. Default=999
records	If successful, records retrieved.

### **ExecuteGet AuthGroupUsage**

Get the items that are authorized for an AuthGroup.

parameters          Parameters needed for the Get.

One of these required

authGroupId	GUID of the AuthGroup to Get all items that are authorized for it.
authGroupName	Name of the AuthGroup to Get all items that are authorized for it.
fields	List of fields to retrieve, if not included, all fields are retrieved.
id	GUID of the item. The item can be a Farm, Site or Collection. It will be empty for Farm.
name	Name of the item. The item can be a Farm, Site or Collection.
role	Role of the AuthGroup for the item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 400 is Collection Operator. Default=999
records	If successful, records retrieved.

### **ExecuteGet CeipData**

Get the CEIP configuration

parameters          Parameters needed for the Get.

Optional

uuid	CEIP UUID of this Farm. This is optional since there is only one.
fields	List of fields to retrieve, if not included, all fields are retrieved.
enabled	1 if CEIP is enabled, otherwise 0. Min=0, Max=1
uuid	CEIP UUID. Length=36
nextUpload	Date and time next CEIP upload is due if enabled is 1. Default=null
inProgress	1 if an upload is currently in progress, otherwise 0. Default=0
serverId	ID of server that is currently uploading, null if inProgress is 0. Default=null Length=36
oneTimeUpload	1 to perform a one time upload. Default=0

records            If successful, records retrieved.

### **ExecuteGet CisData**

Get the CIS configuration

fields            List of fields to retrieve, if not included, all fields are retrieved.

cisDataId        CIS UUID Length=36

userName        Username used to obtain the token Default=null Max Length=255

uploadToken     Token for uploading bundles to CIS Default=null Max Length=10

path            Path where the last problem report bundle was saved Default=null Max Length=255

password        Password of the user required to obtain the token. This is required only by Set and Add

records           If successful, records retrieved.

### **ExecuteGet Collection**

Get the fields for a Collection or all Collections in a Site or Farm. All Collections are returned if no parameters are passed.

parameters       Parameters needed for the Get.

One of these optional

collectionId     GUID of the Collection to Get.

siteId           GUID of the Site to Get all Collections for.

siteName        Name of the Site to Get all Collections for.

or this optional & resolution

collectionName   Name of the Collection to Get.

One of these resolutions when needed

siteId           GUID of the Site.

siteName        Name of the Site.

sortField        Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

collectionName   Name of the Collection. It is unique within the Site. Max Length=50

description      User description. Default="" Max Length=250



**deviceCount**      Read-only count of Devices in this Collection. Default=0

**deviceWithPVDCCount**      Read-only count of Devices with Personal vDisk in this Collection. Default=0

**activeDeviceCount**      Read-only count of active Devices in this Collection. Default=0

**fields**      List of fields to retrieve, if not included, all fields are retrieved.

**collectionId**      Read-only GUID that uniquely identifies this Collection. Length=36

**collectionName**      Name of the Collection. It is unique within the Site. Max Length=50

**siteId**      GUID of the Site that this Collection is a member of. It is not used with siteName. Length=36

**siteName**      Name of the Site that this Collection is a member of. It is not used with siteId.

**description**      User description. Default="" Max Length=250

**templateDeviceId**      GUID of a Device in the Collection whose settings are used for initial values of new Devices. Not used with templateDeviceName. Default=null Length=36

**templateDeviceName**      Name of a Device in the Collection whose settings are used for initial values of new Devices. Not used with templateDeviceId. Default=null

**lastAutoAddDeviceNumber**      The Device Number of the last Auto Added Device. Default=0

**enabled**      1 when Devices in the Collection can be booted, 0 otherwise. Default=1

**deviceCount**      Read-only count of Devices in this Collection. Default=0

**deviceWithPVDCCount**      Read-only count of Devices with Personal vDisk in this Collection. Default=0

**activeDeviceCount**      Read-only count of active Devices in this Collection. Default=0

**makActivateNeededCount**      Read-only count of active Devices that need MAK activation in this Collection. Default=0

**autoAddPrefix**      The string put before the Device Number for Auto Add. Default=null ASCII computer name characters no end digit Max Length=12

**autoAddSuffix**      The string put after the Device Number for Auto Add. Default=null ASCII computer name characters no begin digit Max Length=12

**autoAddZeroFill**      1 when zeros be placed before the Device Number up to the autoAddNumberLength for Auto Add, 0 otherwise. Default=1

**autoAddNumberLength**      The maximum length of the Device Number for Auto Add. This length plus the autoAddPrefix length plus the autoAddSuffix length must be less than 16. Required that  $((\text{lenautoAddPrefix} + \text{lenautoAddSuffix}) + \text{autoAddNumberLength}) \leq 15$ . Min=3, Max=9, Default=4

role            Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 400 is Collection Operator. Default=999

records            If successful, records retrieved.

### **ExecuteGet CommandDescription**

Return one or more commands with description.

parameters            Parameters needed for the Get.

This required

Action            Action to get commands with description for.

Optional

Type            Command Type of the Action to get a description for.

ObjectType            Object Type to get command descriptions for. Valid Object Types are: Many, AuthGroup, Collection, Device, Disk, DiskLocator, Farm, FarmView, Server, Site, SiteView, Store, and System.

IType            Interface Type to get command descriptions for. Values are: 0 (Mcli), 1 (PowerShell), 2 (SoapServer). Default=0

Culture            Optional culture to use for the command descriptions returned.

records            If successful, records retrieved.

### **ExecuteGet CommandFields**

Return one record with fields and descriptions.

parameters            Parameters needed for the Get.

This required

Action            Action to get fields.

This required

Type            Type of the Action to get fields.

Optional

Culture            Optional culture to use for the field descriptions returned.

records            If successful, records retrieved.

**ExecuteGet CommandParameters**

Return records with parameter type, parameters and descriptions. Parameter types that maybe returned include: Optional, RequiredSingle, OptionalSingle, RequiredSingleAmbiguous, OptionalSingleAmbiguous, and Resolution.

parameters            Parameters needed for the Get.

This required

Action            Action to get parameters.

This required

Type            Type of the Action to get parameters.

Optional

Culture            Optional culture to use for the parameter descriptions returned.

records            If successful, records retrieved.

**ExecuteGet CommandSortFields**

Return one record with sort fields and descriptions.

parameters            Parameters needed for the Get.

This required

Action            Action to get sort fields.

This required

Type            Type of the Action to get sort fields.

Optional

Culture            Optional culture to use for the sort field descriptions returned.

records            If successful, records retrieved.

**ExecuteGet CommandStandardParameters**

Return one record with standard parameter types and descriptions. Parameter types that maybe returned include: parameters, fields, record, records, sortField, resultId, rv, startPosition, maxRecords, totalCount, dataIn, dataOut, and commands.

parameters            Parameters needed for the Get.

This required

Action	Action to get standard parameter types and descriptions.
This required	
Type	Type of the Action to get standard parameter types and descriptions.
Optional	
Culture	Optional culture to use for the standard parameter descriptions returned.
records	If successful, records retrieved.

### **ExecuteGet Device**

Get the fields for a Device, all Devices in a Collection, Site, Farm View, or Farm. All Devices are returned if no parameters are passed.

parameters          Parameters needed for the Get.

One of these optional

deviceId	GUID of the Device to Get.
deviceName	Name of Device to Get.
deviceMac	MAC of the Device to Get.
collectionId	GUID of the Collection to Get all Devices for.
serverId	GUID of the Server to Get all Devices for.
serverName	Name of the Server to Get all Devices for.
diskLocatorId	GUID of the DiskLocator to Get all Devices for.
siteViewId	GUID of the Site View to Get all Devices for.
siteId	GUID of the Site.
siteName	Name of the Site.
farmViewId	GUID of the Farm View to Get all Devices for.
farmViewName	Name of the Farm View to Get all Devices for.
bdmBoot	Include only the BDM Devices when set to 1. PXE devices if set to 0. If not included, all Devices are returned.
deviceIdList	Comma delimited list of GUIDs of the Devices to Get. Maximum length is 8000 characters.
deviceNameList	Comma delimited list of Names of the Devices to Get. Maximum length is 8000 characters.

deviceMacList        Comma delimited list of MACs of the Devices to Get. Maximum length is 8000 characters.

or one of these optional & resolutions

collectionName       Name of the Collection to Get all Devices for.

diskLocatorName     Name of the DiskLocator to Get all Devices for.

siteViewName        Name of the Site View to Get all Devices for.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId               GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

sortField            Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

deviceName          Computer name with no spaces. ASCII computer name characters Max Length=15

description          User description. Default="" Max Length=250

deviceMac            Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17

bootFrom            Device to boot from. Choices are 1 for vDisk, 2 for Hard Disk, and 3 for Floppy. This cannot be Set for a Device with Personal vDisk. Min=1, Max=3, Default=1

className            Used by Automatic Update feature to match new versions of Disks to a Device. This cannot be Set for a Device with Personal vDisk. Default="" Max Length=41

port                 UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

fields                List of fields to retrieve, if not included, all fields are retrieved.

deviceId             Read-only GUID that uniquely identifies this Device. Length=36

deviceName          Computer name with no spaces. ASCII computer name characters Max Length=15

collectionId         GUID of the Collection this Device is to be a member of. It is not used with collectionName. Length=36

collectionName       Name of the Collection this Device is to be a member of. siteName or siteId must also be used.

siteId                GUID of the Site the collectionName is to be a member of. This or siteName is used with collectionName.

siteName	Name of the Site the collectionName is to be a member of. This or siteId is used with collectionName.
description	User description. Default="" Max Length=250
deviceMac	Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17
bootFrom	Device to boot from. Choices are 1 for vDisk, 2 for Hard Disk, and 3 for Floppy. This cannot be Set for a Device with Personal vDisk. Min=1, Max=3, Default=1
className	Used by Automatic Update feature to match new versions of Disks to a Device. This cannot be Set for a Device with Personal vDisk. Default="" Max Length=41
port	UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901
enabled	1 when it can be booted, 0 otherwise. This cannot be Set for a Device with Personal vDisk. Default=1
localDiskEnabled	If there is a local disk menu choice for the Device, this is 1. This cannot be Set for a Device with Personal vDisk. Default=0
role	Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 400 is Collection Operator. Default=999
authentication	Device log in authentication. Choices are 0 for none, 1 for User Name/Password, and 2 for Extern. This cannot be Set for a Device with Personal vDisk. Min=0, Max=2, Default=0
user	Name of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=20
password	Password of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=100
active	1 if the Device is currently active, 0 otherwise. Default=0
template	1 if the Device is the template in its Collection, 0 otherwise. Default=0
adTimestamp	The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0
adSignature	The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0
adPassword	The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" ASCII Max Length=256
logLevel	Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0
domainName	Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255

domainObjectSID	The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186
domainControllerName	The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000
domainTimeCreated	The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null
type	1 when it performs test of Disks, 2 when it performs maintenance on Disks, 3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests, 0 otherwise. Min=0, Max=4, Default=0
pvdDriveLetter	Read-only Personal vDisk Drive letter. Range is E to U and W to Z. Default=null Max Length=1
localWriteCachediskSize	The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0
virtualHostingPoolId	GUID that uniquely identifies the Virtual Hosting Pool for a VM. This is needed when Adding a VM device. Default=null Length=36
hypVmId	Hypervisor VM ID for HCL Default=null Max Length=250
temporaryVersionSet	Read-only 1 when temporary version is set. Default=0
bdmBoot	Use PXE boot when set to 0, BDM boot when set to 1. Default is PXE Default=0
bdmType	Use PXE boot when set to 0, BDM (Bios) boot when set to 1 and BDM (Uefi) boot when set to 2. Default=0
bdmFormat	1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0
bdmUpdated	Timestamp of the last BDM boot disk update. Default=null
bdmCreated	Timestamp when BDM device was created Default=null
xsPvsProxyUuid	UUID of XenServer PVS_proxy Default=null Length=36
records	If successful, records retrieved.

### **ExecuteGet DeviceBootstraps**

Get all Bootstrap files for a Device, and the menuText for each.

parameters          Parameters needed for the Get.

One of these required

deviceId          GUID of the Device.

deviceName          Name of the Device.

deviceMac	MAC of the Device.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
bootstrap	Name of the bootstrap file. Max Length=259
fields	List of fields to retrieve, if not included, all fields are retrieved.
bootstrap	Name of the bootstrap file. Max Length=259
menuText	Text that is displayed in the Boot Menu. If this field has no value, the bootstrap value is used. Default="" ASCII Max Length=64
records	If successful, records retrieved.

### **ExecuteGet DeviceCustomProperty**

Get the Device Custom Property names and values.

parameters          Parameters needed for the Get.

One of these required

deviceId	GUID of the Device.
deviceName	Name of the Device.
deviceMac	MAC of the Device.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
name	Name of the Device custom property. Max Length=250
fields	List of fields to retrieve, if not included, all fields are retrieved.
name	Name of the Device custom property. Max Length=250
value	Value of the Device custom property. Max Length=1000
records	If successful, records retrieved.

### **ExecuteGet DeviceDiskPrinters**

Get all non-disabled Printers for a Device/Disk, and the setting for each.

parameters          Parameters needed for the Get.

One of these required

deviceId	GUID of the Device.
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deviceName        Name of the Device.

deviceMac        MAC of the Device.

This required

diskLocatorId    GUID of the Disk Locator.

or this required & resolution

diskLocatorName    Name of the Disk Locator File.

One of these resolutions when needed

storeId        GUID of the Store that is needed when a diskLocatorName is used.

storeName        Name of the Store that is needed when a diskLocatorName is used.

sortField        Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

name        Name of the Printer. Must come from the list of Printers available on the Disk.

fields        List of fields to retrieve, if not included, all fields are retrieved.

name        Name of the Printer. Must come from the list of Printers available on the Disk.

state        Valid states are 1 (enabled network), 2 (enabled local), or 3 (default). 0 (disabled) can be used when setting a Printer that used to be 1 or 2 to 0. The list of all Printers available come from the Disk. Min=0, Max=3

records        If successful, records retrieved.

### **ExecuteGet DeviceDiskTempVersion**

Get Temporary Disk Version information for a Device, DiskLocator, Disk Version, Site or Farm.

parameters        Parameters needed for the Get.

One of these optional

deviceId        GUID of the Device to get the temporary disk version information for.

deviceName        Name of the Device to get the temporary disk version information for.

deviceMac        MAC of the Device to get the temporary disk version information for.

siteId        GUID of the Site to get temporary disk version information for, and also resolution for diskLocatorName.

siteName        Name of the Site to get temporary disk version information for, and also resolution for diskLocatorName.

diskLocatorId    GUID of the Disk Locator to get temporary disk version information for.

or this optional & resolution

**diskLocatorName**      Name of the Disk Locator to get temporary disk version information for.

This optional & resolution

**version**              Version of the DiskLocator specified to get temporary disk version information for. Needs the diskLocatorId or diskLocatorName too.

One of these resolutions when needed

**siteId**              GUID of the Site.

**siteName**            Name of the Site.

One of these resolutions when needed

**storeId**              GUID of the Store that is needed when a diskLocatorName is used.

**storeName**            Name of the Store that is needed when a diskLocatorName is used.

**sortField**            Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**deviceName**            Read-only Computer name that uniquely identifies the Device with temporary version. ASCII computer name characters

**fields**              List of fields to retrieve, if not included, all fields are retrieved.

**deviceId**              Read-only GUID that uniquely identifies the Device with temporary version. Length=36

**deviceName**            Read-only Computer name that uniquely identifies the Device with temporary version. ASCII computer name characters

**diskLocatorId**        Read-only GUID that uniquely identifies then Disk Locator with temporary version. Length=36

**diskLocatorName**      Read-only Name of the Disk Locator File with temporary version. It is unique within the Store. ASCII

**siteId**              Read-only GUID of the Site the Device and DiskLocator are a member of.

**siteName**            Read-only Name of the Site the Device and DiskLocator are a member of.

**storeId**              Read-only GUID of the Store that the Disk Locator is a member of.

**storeName**            Read-only Name of the Store that the Disk Locator is a member of.

**version**              Read-only Disk version the temporary is for.

**records**              If successful, records retrieved.

**ExecuteGet DeviceInfo**

Get the fields and status for a Device, all Devices in a Collection, Site, Farm View, or Farm. All Devices are returned if no parameters are passed.

parameters            Parameters needed for the Get.

One of these optional

deviceId            GUID of the Device to Get.

deviceName        Name of Device to Get.

deviceMac        MAC of the Device to Get.

collectionId       GUID of the Collection to Get all Devices for.

serverId           GUID of the Server to Get all Devices for.

serverName        Name of the Server to Get all Devices for.

diskLocatorId     GUID of the DiskLocator to Get all Devices for.

siteViewId        GUID of the Site View to Get all Devices for.

siteId            GUID of the Site.

siteName          Name of the Site.

farmViewId        GUID of the Farm View to Get all Devices for.

farmViewName     Name of the Farm View to Get all Devices for.

deviceIdList       Comma delimited list of GUIDs of the Devices to Get. Maximum length is 8000 characters.

deviceNameList    Comma delimited list of Names of the Devices to Get. Maximum length is 8000 characters.

deviceMacList     Comma delimited list of MACs of the Devices to Get. Maximum length is 8000 characters.

bdmBoot           Include only the BDM Devices when set to 1. PXE devices if set to 0. If not included, all Devices are returned.

or one of these optional & resolutions

collectionName    Name of the Collection to Get all Devices for.

diskLocatorName   Name of the DiskLocator to Get all Devices for.

siteViewName      Name of the Site View to Get all Devices for.

Optional

**onlyActive** Include only the active Devices when set to 1. If not included or set to 1, all Devices are returned. Only active Devices are always returned for **serverId**, **serverName**, or **version**.

**makLicenseActivated** Optional MAK licensing indicator value to only return active Devices for. Values are: 0 (MAK not used), 1 (Not Activated), 2 (Activated).

**version** Version of the Disk to Get all active Devices for. This is used with **diskLocatorId** or **diskLocatorName**.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

One of these resolutions when needed

**storeId** GUID of the Store that is needed when a **diskLocatorName** is used.

**storeName** Name of the Store that is needed when a **diskLocatorName** is used.

**sortField** Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**deviceName** Computer name with no spaces. ASCII computer name characters Max Length=15

**description** User description. Default="" Max Length=250

**deviceMac** Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17

**bootFrom** Device to boot from. Choices are 1 for vDisk, 2 for Hard Disk, and 3 for Floppy. This cannot be Set for a Device with Personal vDisk. Min=1, Max=3, Default=1

**className** Used by Automatic Update feature to match new versions of Disks to a Device. This cannot be Set for a Device with Personal vDisk. Default="" Max Length=41

**port** UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

**serverName** Read-only Name of the Server that the Device is using. It is equal to "" if the Device is not active.

**diskLocatorName** Read-only name of the Disk Locator File that the Device is using. It is equal to the list of Disk Locator names for the Device if the Device is not active.

**fields** List of fields to retrieve, if not included, all fields are retrieved.

**deviceId** Read-only GUID that uniquely identifies this Device. Length=36

**deviceName** Computer name with no spaces. ASCII computer name characters Max Length=15

**collectionId** GUID of the Collection this Device is to be a member of. It is not used with **collectionName**. Length=36

collectionName	Name of the Collection this Device is to be a member of. siteName or siteld must also be used.
siteld	GUID of the Site the collectionName is to be a member of. This or siteName is used with collectionName.
siteName	Name of the Site the collectionName is to be a member of. This or siteld is used with collectionName.
description	User description. Default="" Max Length=250
deviceMac	Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17
bootFrom	Device to boot from. Choices are 1 for vDisk, 2 for Hard Disk, and 3 for Floppy. This cannot be Set for a Device with Personal vDisk. Min=1, Max=3, Default=1
className	Used by Automatic Update feature to match new versions of Disks to a Device. This cannot be Set for a Device with Personal vDisk. Default="" Max Length=41
port	UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901
enabled	1 when it can be booted, 0 otherwise. This cannot be Set for a Device with Personal vDisk. Default=1
localDiskEnabled	If there is a local disk menu choice for the Device, this is 1. This cannot be Set for a Device with Personal vDisk. Default=0
role	Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 400 is Collection Operator. Default=999
authentication	Device log in authentication. Choices are 0 for none, 1 for User Name/Password, and 2 for Extern. This cannot be Set for a Device with Personal vDisk. Min=0, Max=2, Default=0
user	Name of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=20
password	Password of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=100
active	1 if the Device is currently active, 0 otherwise. Default=0
template	1 if the Device is the template in its Collection, 0 otherwise. Default=0
adTimestamp	The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0
adSignature	The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0
adPassword	The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" ASCII Max Length=256

**logLevel**            Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

**domainName**            Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255

**domainObjectSID**    nbsp; The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186

**domainControllerName**    The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000

**domainTimeCreated**    The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null

**type**            1 when it performs test of Disks, 2 when it performs maintenance on Disks, 3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests, 0 otherwise. Min=0, Max=4, Default=0

**pvdDriveLetter**            Read-only Personal vDisk Drive letter. Range is E to U and W to Z. Default=null Max Length=1

**localWriteCacheDiskSize**    The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0

**virtualHostingPoolId**    GUID that uniquely identifies the Virtual Hosting Pool for a VM. This is needed when Adding a VM device. Default=null Length=36

**hypVmId**            Hypervisor VM ID for HCL Default=null Max Length=250

**temporaryVersionSet**    Read-only 1 when temporary version is set. Default=0

**bdmBoot**            Use PXE boot when set to 0, BDM boot when set to 1. Default is PXE Default=0

**bdmType**            Use PXE boot when set to 0, BDM (Bios) boot when set to 1 and BDM (Uefi) boot when set to 2. Default=0

**bdmFormat**            1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0

**bdmUpdated**            Timestamp of the last BDM boot disk update. Default=null

**bdmCreated**            Timestamp when BDM device was created Default=null

**xsPvsProxyUuid**            UUID of XenServer PVS\_proxy Default=null Length=36

**ip**            Read-only IP of the Device. It is equal to "" if the Device is not active.

**serverPortConnection**    Read-only Port of the Server that the Device is using. It is equal to "" if the Device is not active. Default=0

**serverIpConnection**    Read-only IP of the Server that the Device is using. It is equal to "" if the Device is not active.

**serverId** Read-only GUID of the Server that the Device is using. It is equal to "" if the Device is not active. Length=36

**serverName** Read-only Name of the Server that the Device is using. It is equal to "" if the Device is not active.

**diskLocatorId** Read-only GUID of the Disk Locator that the Device is using. It is equal to "" if the Device is not active. Length=36

**diskLocatorName** Read-only name of the Disk Locator File that the Device is using. It is equal to the list of Disk Locator names for the Device if the Device is not active.

**diskVersion** Read-only version of the Disk Locator File that the Device is using. It is equal to "" if the Device is not active. Default=0

**diskVersionAccess** State of the Disk Version. Values are: 0 (Production), 1 (Maintenance), 2 (MaintenanceHighestVersion), 3 (Override), 4 (Merge), 5 (MergeMaintenance), 6 (MergeTest), and 7 (Test). It is equal to "" if the Device is not active. Default=0

**diskFileName** Name of the Disk File including the extension. It is equal to "" if the Device is not active.

**status** 1 or 2 numbers in the format n,n. They are the number of retries and if ram cache is being used, ram cache percent used. It is equal to "" if the Device is not active.

**licenseType** 0 when None, 1 for Desktop, 2 for Server, 5 for OEM SmartClient, 6 for XenApp, 7 for XenDesktop. It is equal to 0 if the Device is not active. Default=0

**makLicenseActivated** Read-only indicator if MAK licensing is being used and is activated. Values are: 0 (MAK not used), 1 (Not Activated), 2 (Activated). It is equal to "" if the Device is not active. Default=0

**model** Oem Only: Read-only model of the computer. Values are OptiPlex 745, 755, 320, 760, FX160, or Default. It is equal to "" if the Device is not active.

**license** Oem Only: Read-only type of the license. Values are 0 when None, 1 or 2 when Desktop. It is equal to 0 if the Device is not active. Default=0

**records** If successful, records retrieved.

### **ExecuteGet DevicePersonality**

Get the Device Personality names and values.

**parameters** Parameters needed for the Get.

One of these required

**deviceId** GUID of the Device.

**deviceName** Name of the Device.

deviceMac	MAC of the Device.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
name	Name of the Device personality item. Max Length=250
fields	List of fields to retrieve, if not included, all fields are retrieved.
name	Name of the Device personality item. Max Length=250
value	Value for the Device personality item. Max Length=1000
records	If successful, records retrieved.

### **ExecuteGet DeviceStatus**

Get the DeviceStatus fields for a Device or all Devices for a Server, Disk Locator, or Farm. All Devices are returned if no parameters are passed.

parameters          Parameters needed for the Get.

One of these optional

deviceId          GUID of the Device to Get status for.

deviceName          Name of Device to Get status for.

deviceMac          MAC of the Device to Get status for.

serverId          GUID of the Server to Get all Device Status for.

serverName          Name of the Server to Get all Device Status for.

diskLocatorId          GUID of the Disk Locator to Get all DeviceStatus for.

collectionId          GUID of the Collection to Get all DeviceStatus for.

or one of these optional & resolutions

diskLocatorName          Name of the Disk Locator File to Get all DeviceStatus for.

collectionName          Name of the Collection to Get all DeviceStatus for.

One of these resolutions when needed

siteId          GUID of the Site.

siteName          Name of the Site.

One of these resolutions when needed

storeId          GUID of the Store that is needed when a diskLocatorName is used.

storeName          Name of the Store that is needed when a diskLocatorName is used.



sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
deviceName	Read-only Name of the Device. Can be used with Get Device.
fields	List of fields to retrieve, if not included, all fields are retrieved.
deviceId	Read-only GUID of the Device. Can be used with Get Device. Length=36
deviceName	Read-only Name of the Device. Can be used with Get Device.
ip	Read-only IP of the Device.
serverPortConnection	Read-only Port of the Server that the Device is using. Default=0
serverIpConnection	Read-only IP of the Server that the Device is using.
serverId	Read-only GUID of the Server that the Device is using. Length=36
serverName	Read-only Name of the Server that the Device is using.
diskLocatorId	Read-only GUID of the Disk Locator that the Device is using. Length=36
diskLocatorName	Read-only name of the Disk Locator File that the Device is using.
diskVersion	Read-only version of the Disk Locator File that the Device is using. Default=0
diskVersionAccess	State of the Disk Version. Values are: 0 (Production), 1 (Maintenance), 2 (MaintenanceHighestVersion), 3 (Override), 4 (Merge), 5 (MergeMaintenance), 6 (MergeTest), and 7 (Test) Default=0
diskFileName	Name of the Disk File including the extension.
status	1 or 2 numbers in the format n,n. They are the number of retries and if ram cache is being used, ram cache percent used.
licenseType	0 when None, 1 for Desktop, 2 for Server, 5 for OEM SmartClient, 6 for XenApp, 7 for XenDesktop. Default=0
makLicenseActivated	Read-only indicator if MAK licensing is being used and is activated. Values are: 0 (MAK not used), 1 (Not Activated), 2 (Activated). Default=0
records	If successful, records retrieved.

### **ExecuteGet Disk**

Get the fields for a single disk.

parameters      Parameters needed for the Get.

This required

diskLocatorId      GUID of the Disk Locator.

or this required & resolution

diskLocatorName      Name of the Disk Locator.

One of these resolutions when needed

siteId                GUID of the Site.

siteName            Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName           Name of the Store that is needed when a diskLocatorName is used.

fields              List of fields to retrieve, if not included, all fields are retrieved.

class                Class of the Disk. Max Length=40

imageType           Type of this image (software type). Max Length=40

diskSize            Read-only size of the image. The value is 0 when it is not available. Default=0

vhdBlockSize        Block size in KB. For VHD it is only used with Dynamic type. Tested sizes for VHD are 512, 2048, and 16384. VHD Min=512, Max=16384, Default=2048. For VHDX it is used for all types. Tested size for VHDX is 32768. VHDX Min=1024, Max= 262144, Default=32768. Default=0

logicalSectorSize   Logical Sector Size. Values are: 512, 4096, Default=512

writeCacheSize      RAM cache size (MB). Not 0 when used with Cache in Device RAM, and Cache in Device RAM with Overflow on Hard Disk. A value of 0 will disable the RAM use for Cache in Device RAM with Overflow on Hard Disk. Min=0, Max=131072, Default=0

autoUpdateEnabled   Automatically update this image for matching Devices when set to 1. Default 0

activationDateEnabled   Use activation date to activate image when set to 1. Default 0

adPasswordEnabled   Enable AD password management when set to 1.

haEnabled            Enable HA when set to 1.

printerManagementEnabled   Invalid printers will be deleted from the Device when set to 1.

writeCacheType      0 (Private), 1 (Cache on Server), 3 (Cache in Device RAM), 4 (Cache on Device Hard Disk), 7 (Cache on Server, Persistent), 9 (Cache in Device RAM with Overflow on Hard Disk), 10 (Private async), 11(Server persistent async), 12 (Cache in Device RAM with Overflow on Hard Disk async) Min=0, Max=12, Default=0

licenseMode        0 (None), 1 (Multiple Activation Key), or 2 (Key Management Service). Min=0, Max=2, Default=0

accelerateOfficeActivation   Run script to activate office automatically.

activeDate	Date to activate the disk if autoUpdateEnabled and activationDateEnabled are 1. Format is yyyy/mm/dd. Empty when the autoUpdateEnabled or activationDateEnabled are 0.
longDescription	Description of the Disk. Max Length=399
operatingSystem	Operating System of Disk. Max Length=250
osType	Operating System Type of Disk. Max Length=40
serialNumber	User defined serial number. Max Length=36
date	User defined date. Max Length=40
author	User defined author. Max Length=40
title	User defined title. Max Length=40
company	User defined company. Max Length=40
internalName	User defined name. Max Length=63
originalFile	User defined original file. Max Length=127
hardwareTarget	User defined hardware target. Max Length=127
majorRelease	User defined major release number. Min=0, Max=4294967295, Default=0
minorRelease	User defined minor release number. Min=0, Max=4294967295, Default=0
build	User defined build number. Min=0, Max=4294967295, Default=0
clearCacheDisabled	Clear cached secrets disabled.
format	Format of the image. Values are: 0 (VHD), 1 (VHDX). Default=0
records	If successful, records retrieved.

### **ExecuteGet DiskInfo**

Get the fields for a Disk and Disk Locator or all Disks and Disk Locators for a Device, Server, Store, Site, or Farm. All Disks and DiskLocators are returned if no parameters are passed.

parameters      Parameters needed for the Get.

One of these optional

diskLocatorId      GUID of the Disk Locator to Get.

deviceId      GUID of the Device to Get all DiskLocators for.

deviceName      Name of the Device to Get all DiskLocators for.

deviceMac      MAC of the Device to Get all DiskLocators for.

serverId      GUID of the Server to Get all DiskLocators for.

serverName            Name of the Server to Get all DiskLocators for.

updateTaskId        GUID of the Update Task to Get all DiskLocators for.

siteId                GUID of the Site to Get all DiskLocators for.

siteName             Name of the Site to Get all DiskLocators for.

or one of these optional & resolutions

diskLocatorName     Name of the Disk Locator File to Get.

storeId              GUID of the Store to Get all DiskLocators for.

storeName            Name of the Store to Get all DiskLocators for.

updateTaskName      Name of the Update Task to Get all DiskLocators for.

One of these optional

single                Include single server connection when set to 1. If this and All are not included, both connection types are included.

all                    Include all server connections for the store when set to 1. If this and Single are not included, both connection types are included.

Optional

onlyActive            Include only the active DiskLocators when set to 1. If not included or set to 0, all DiskLocators are returned.

updateDevice         Include DiskLocators that have an Update Device when set to 1. Include DiskLocators that do not have an Update Device when set to 0. If this parameter is not included, then all DiskLocators are returned.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId              GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

sortField            Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

diskLocatorName      Name of the Disk Locator File. It is unique within the Store. ASCII Max Length=52

description          User description. Default="" Max Length=250

menuText	Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64
fields	List of fields to retrieve, if not included, all fields are retrieved.
diskLocatorId	Read-only GUID that uniquely identifies this Disk Locator. Length=36
diskLocatorName	Name of the Disk Locator File. It is unique within the Store. ASCII Max Length=52
siteId	GUID of the Site this DiskLocator is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this DiskLocator is to be a member of. It is not used with siteId.
storeId	GUID of the Store that this Disk Locator is a member of. siteName or siteId must also be used. It is not used with storeName. Length=36
storeName	Name of the Store that this Disk Locator is a member of. siteName or siteId must also be used. It is not used with storeId.
description	User description. Default="" Max Length=250
menuText	Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64
serverId	GUID of the single Server that this Disk Locator is assigned to. It is not used with serverName. Default=null Length=36
serverName	Name of the single Server that this Disk Locator is assigned to. It is not used with serverId. Default=null
enabled	1 when this disk can be booted, 0 otherwise. Default=1
role	Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 999 is read-only. Default=999
mapped	1 if the Disk is currently mapped, 0 otherwise. Default=0
enabledForDevice	1 when this disk is enabled for the Device specified, 0 otherwise. This is only returned when a Device is specified. Default=1
active	1 if the DiskLocator is currently active, 0 otherwise. Default=0
rebalanceEnabled	1 when this Server can automatically rebalance Devices, 0 otherwise. Default=0
rebalanceTriggerPercent	Percent over fair load that triggers a dynamic Device rebalance. Min=5, Max=5000, Default=25
subnetAffinity	Qualifier for subnet affinity when assigning a Server. 0=None, 1=Best Effort, 2=Fixed. Min=0, Max=2, Default=0

**diskUpdateDeviceId**      GUID of the DiskUpdateDevice that is used when updates are performed. Default=null

**diskUpdateDeviceName**      Name of the DiskUpdateDevice that is used when updates are performed. Default=null

**temporaryVersionSet**      Read-only 1 when temporary version(s) are set. Default=0

**class**                      Class of the Disk. Max Length=40

**imageType**                Type of this image (software type). Max Length=40

**diskSize**                  Read-only size of the image. The value is 0 when it is not available. Default=0

**vhdBlockSize**            Block size in KB. For VHD it is only used with Dynamic type. Tested sizes for VHD are 512, 2048, and 16384. VHD Min=512, Max=16384, Default=2048. For VHDX it is used for all types. Tested size for VHDX is 32768. VHDX Min=1024, Max= 262144, Default=32768. Default=0

**logicalSectorSize**      Logical Sector Size. Values are: 512, 4096, Default=512

**writeCacheSize**          RAM cache size (MB). Not 0 when used with Cache in Device RAM, and Cache in Device RAM with Overflow on Hard Disk. A value of 0 will disable the RAM use for Cache in Device RAM with Overflow on Hard Disk. Min=0, Max=131072, Default=0

**autoUpdateEnabled**      Automatically update this image for matching Devices when set to 1. Default 0

**activationDateEnabled**    Use activation date to activate image when set to 1. Default 0

**adPasswordEnabled**      Enable AD password management when set to 1.

**haEnabled**                Enable HA when set to 1.

**printerManagementEnabled** Invalid printers will be deleted from the Device when set to 1.

**writeCacheType**          0 (Private), 1 (Cache on Server), 3 (Cache in Device RAM), 4 (Cache on Device Hard Disk), 7 (Cache on Server, Persistent), 9 (Cache in Device RAM with Overflow on Hard Disk), 10 (Private async), 11(Server persistent async), 12 (Cache in Device RAM with Overflow on Hard Disk async) Min=0, Max=12, Default=0

**licenseMode**            0 (None), 1 (Multiple Activation Key), or 2 (Key Management Service). Min=0, Max=2, Default=0

**accelerateOfficeActivation** Run script to activate office automatically.

**activeDate**                Date to activate the disk if autoUpdateEnabled and activationDateEnabled are 1. Format is yyyy/mm/dd. Empty when the autoUpdateEnabled or activationDateEnabled are 0.

**longDescription**        Description of the Disk. Max Length=399

**operatingSystem**        Operating System of Disk. Max Length=250

**osType**                    Operating System Type of Disk. Max Length=40

serialNumber	User defined serial number. Max Length=36
date	User defined date. Max Length=40
author	User defined author. Max Length=40
title	User defined title. Max Length=40
company	User defined company. Max Length=40
internalName	User defined name. Max Length=63
originalFile	User defined original file. Max Length=127
hardwareTarget	User defined hardware target. Max Length=127
majorRelease	User defined major release number. Min=0, Max=4294967295, Default=0
minorRelease	User defined minor release number. Min=0, Max=4294967295, Default=0
build	User defined build number. Min=0, Max=4294967295, Default=0
clearCacheDisabled	Clear cached secrets disabled.
format	Format of the image. Values are: 0 (VHD), 1 (VHDX). Default=0
deviceCount	Read-only count of Devices. Default=0
locked	1 if the Disk is currently locked, 0 otherwise. Default=0
records	If successful, records retrieved.

### **ExecuteGet DiskInventory**

Get the fields for Inventory Status of a Disk Version or all Disk Versions for a Disk Locator.

parameters          Parameters needed for the Get.

This required

diskLocatorId          GUID of the Disk Locator to Get Disk Version Inventory of.

or this required & resolution

diskLocatorName          Name of the Disk Locator to Get Disk Version Inventory of.

Optional

version          Specific Version to Get.

One of these resolutions when needed

siteId          GUID of the Site.

siteName          Name of the Site.

One of these resolutions when needed

storeId	GUID of the Store that is needed when a diskLocatorName is used.
storeName	Name of the Store that is needed when a diskLocatorName is used.
fields	List of fields to retrieve, if not included, all fields are retrieved.
version	Version number. The base disk is version 0, the other version numbers are in part of the file name.
serverId	GUID of the Server that the Disk Version Inventory is being reported about.
serverName	Name of the Server that the Disk Version Inventory is being reported about.
filePath	Path used to access the disk version from the Server. Empty if the information is not available.
fileTime	Date/Time of the date version file. Format is: YYYY-MM-DD HH:MM:SS. 0000-00-00 00:00:00 if the information is not available.
propertiesTime	Date/Time of the disk properties. Format is: YYYY-MM-DD HH:MM:SS. 0000-00-00 00:00:00 if the information is not available.
state	The number code of the inventory state. Values are: 0 (Up to date), 1 (version file is missing), 2 (version file is out of date), 3 (properties are missing), 4 (properties are out of date), 5 (server is not reachable).
active	1 if the Server is currently active, 2 if unknown, and 0 otherwise.
records	If successful, records retrieved.

### **ExecuteGet DiskLocator**

Get the fields for a Disk Locator or all Disk Locators for a Device, Server, Store, Site, or Farm. All DiskLocators are returned if no parameters are passed.

parameters          Parameters needed for the Get.

One of these optional

diskLocatorId	GUID of the Disk Locator to Get.
deviceId	GUID of the Device to Get all DiskLocators for.
deviceName	Name of the Device to Get all DiskLocators for.
deviceMac	MAC of the Device to Get all DiskLocators for.
serverId	GUID of the Server to Get all DiskLocators for.
serverName	Name of the Server to Get all DiskLocators for.



updateTaskId        GUID of the Update Task to Get all DiskLocators for.

siteId              GUID of the Site to Get all DiskLocators for.

siteName            Name of the Site to Get all DiskLocators for.

or one of these optional & resolutions

diskLocatorName    Name of the Disk Locator File to Get.

storeId            GUID of the Store to Get all DiskLocators for.

storeName          Name of the Store to Get all DiskLocators for.

updateTaskName     Name of the Update Task to Get all DiskLocators for.

One of these optional

single              Include single server connection when set to 1. If this and All are not included, both connection types are included.

all                  Include all server connections for the store when set to 1. If this and Single are not included, both connection types are included.

Optional

onlyActive          Include only the active DiskLocators when set to 1. If not included or set to 0, all DiskLocators are returned.

updateDevice        Include DiskLocators that have an Update Device when set to 1. Include DiskLocators that do not have an Update Device when set to 0. If this parameter is not included, then all DiskLocators are returned.

One of these resolutions when needed

siteId              GUID of the Site.

siteName            Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName          Name of the Store that is needed when a diskLocatorName is used.

sortField           Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

diskLocatorName    Name of the Disk Locator File. It is unique within the Store. ASCII Max Length=52

description        User description. Default="" Max Length=250

menuText           Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64

fields	List of fields to retrieve, if not included, all fields are retrieved.
diskLocatorId	Read-only GUID that uniquely identifies this Disk Locator. Length=36
diskLocatorName	Name of the Disk Locator File. It is unique within the Store. ASCII Max Length=52
siteId	GUID of the Site this DiskLocator is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this DiskLocator is to be a member of. It is not used with siteId.
storeId	GUID of the Store that this Disk Locator is a member of. siteName or siteId must also be used. It is not used with storeName. Length=36
storeName	Name of the Store that this Disk Locator is a member of. siteName or siteId must also be used. It is not used with storeId.
description	User description. Default="" Max Length=250
menuText	Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64
serverId	GUID of the single Server that this Disk Locator is assigned to. It is not used with serverName. Default=null Length=36
serverName	Name of the single Server that this Disk Locator is assigned to. It is not used with serverId. Default=null
enabled	1 when this disk can be booted, 0 otherwise. Default=1
role	Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, 300 is Collection Administrator, and 999 is read-only. Default=999
mapped	1 if the Disk is currently mapped, 0 otherwise. Default=0
enabledForDevice	1 when this disk is enabled for the Device specified, 0 otherwise. This is only returned when a Device is specified. Default=1
active	1 if the DiskLocator is currently active, 0 otherwise. Default=0
rebalanceEnabled	1 when this Server can automatically rebalance Devices, 0 otherwise. Default=0
rebalanceTriggerPercent	Percent over fair load that triggers a dynamic Device rebalance. Min=5, Max=5000, Default=25
subnetAffinity	Qualifier for subnet affinity when assigning a Server. 0=None, 1=Best Effort, 2=Fixed. Min=0, Max=2, Default=0
diskUpdateDeviceId	GUID of the DiskUpdateDevice that is used when updates are performed. Default=null

**diskUpdateDeviceName**    Name of the DiskUpdateDevice that is used when updates are performed.  
Default=null

**temporaryVersionSet**    Read-only 1 when temporary version(s) are set. Default=0

**records**                    If successful, records retrieved.

### **ExecuteGet DiskLocatorCustomProperty**

Get the DiskLocator Custom Property names and values.

**parameters**                Parameters needed for the Get.

This required

**diskLocatorId**            GUID of the Disk Locator to Get Custom Properties.

or this required & resolution

**diskLocatorName**        Name of the Disk Locator File to Get Custom Properties.

One of these resolutions when needed

**siteId**                    GUID of the Site.

**siteName**                Name of the Site.

One of these resolutions when needed

**storeId**                GUID of the Store that is needed when a diskLocatorName is used.

**storeName**              Name of the Store that is needed when a diskLocatorName is used.

**sortField**              Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**name**                    Name of the DiskLocator custom property. Max Length=250

**fields**                  List of fields to retrieve, if not included, all fields are retrieved.

**name**                    Name of the DiskLocator custom property. Max Length=250

**value**                  Value of the DiskLocator custom property. Max Length=1000

**records**                    If successful, records retrieved.

### **ExecuteGet DiskLocatorLock**

Get the fields for all the locks of a Disk Locator.

**parameters**                Parameters needed for the Get.

This required

diskLocatorId      GUID of the Disk Locator to Get the Locks.

or this required & resolution

diskLocatorName      Name of Disk Locator to Get the Locks.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

One of these resolutions when needed

storeId      GUID of the Store that is needed when a diskLocatorName is used.

storeName      Name of the Store that is needed when a diskLocatorName is used.

fields      List of fields to retrieve, if not included, all fields are retrieved.

exclusive      1 when the lock is exclusive, 0 when it is shared. Default=0

deviceId      GUID of the Device that has the lock, will not be included if a Server has the lock.

deviceName      Name of the Device that has the lock, will not be included if a Server has the lock.

serverId      GUID of the Server that has the lock, will not be included if a Device has the lock.

serverName      Name of the Server that has the lock, will not be included if a Device has the lock.

readOnly      1 when lock is because file system is read only, 0 when file system is read write  
Default=0

records      If successful, records retrieved.

### **ExecuteGet DiskPrinters**

Get all available Printers for a Disk.

parameters      Parameters needed for the Get.

This required

diskLocatorId      GUID of the Disk Locator.

or this required & resolution

diskLocatorName      Name of the Disk Locator.

One of these resolutions when needed

siteId      GUID of the Site.

siteName            Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName           Name of the Store that is needed when a diskLocatorName is used.

sortField           Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

name                Read-only Name of the Printer.

network            1 when the printer is networked, 0 otherwise.

fields              List of fields to retrieve, if not included, all fields are retrieved.

name                Read-only Name of the Printer.

network            1 when the printer is networked, 0 otherwise.

records            If successful, records retrieved.

### **ExecuteGet DiskUpdateDevice**

Get the fields and status for a Disk Update Device, or all Disk Update Devices for a Site, Server, DiskLocator or Farm. All Disk Update Devices are returned if no parameters are passed.

parameters           Parameters needed for the Get.

One of these optional

deviceId            GUID of the Disk Update Device to Get.

deviceName           Name of Disk Update Device to Get.

deviceMac            MAC of the Disk Update Device to Get.

serverId            GUID of the Server to Get all Disk Update Devices for.

serverName           Name of the Server to Get all Disk Update Devices for.

diskLocatorId        GUID of the DiskLocator to Get the Disk Update Device for.

updateTaskId        GUID of the Update Task to Get all Disk Update Devices for.

siteId               GUID of the Site.

siteName            Name of the Site.

or one of these optional & resolutions

diskLocatorName      Name of the DiskLocator to Get the Disk Update Device for.

updateTaskName      Name of the Update Task to Get all Disk Update Devices for.

## Optional

**onlyActive** Include only the active Disk Update Devices when set to 1. If not included or set to 0, all Disk Update Devices are returned. Only active Disk Update Devices are always returned for **serverId** or **serverName**.

**makLicenseActivated** Optional MAK licensing indicator value to only return active Disk Update Devices for. Values are: 0 (MAK not used), 1 (Not Activated), 2 (Activated).

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

One of these resolutions when needed

**storeId** GUID of the Store that is needed when a **diskLocatorName** is used.

**storeName** Name of the Store that is needed when a **diskLocatorName** is used.

**sortField** Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**deviceName** Computer name with no spaces. ASCII computer name characters Max Length=15

**virtualHostingPoolName** Name of the Virtual Hosting Pool.

**diskLocatorName** Name of the Disk Locator File to update with this Device.

**description** User description. Default="" Max Length=250

**deviceMac** Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17

**port** UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

**fields** List of fields to retrieve, if not included, all fields are retrieved.

**deviceId** Read-only GUID that uniquely identifies this Device. Length=36

**deviceName** Computer name with no spaces. ASCII computer name characters Max Length=15

**virtualHostingPoolId** GUID of the Virtual Hosting Pool. It is not used with **virtualHostingPoolName**. Default=null Length=36

**virtualHostingPoolName** Name of the Virtual Hosting Pool.

**diskLocatorId** GUID of the Disk Locator to update with this Device.

**diskLocatorName** Name of the Disk Locator File to update with this Device.

**siteId** GUID of the Site this Disk Update Device is to be a member of.

**siteName** Name of the Site this Disk Update Device is to be a member of.

storeId	GUID of the Store that the Disk Locator is a member of.
storeName	Name of the Store that the Disk Locator is a member of.
description	User description. Default="" Max Length=250
deviceMac	Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17
port	UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901
active	1 if the Device is currently active, 0 otherwise. Default=0
adTimestamp	The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0
adSignature	The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0
logLevel	Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0
domainName	Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255
domainObjectSID	The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186
domainControllerName	The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000
domainTimeCreated	The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null
adPassword	The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" Max Length=256
ip	Read-only IP of the Device. It is equal to "" if the Device is not active.
serverPortConnection	Read-only Port of the Server that the Device is using. It is equal to "" if the Device is not active. Default=0
serverIpConnection	Read-only IP of the Server that the Device is using. It is equal to "" if the Device is not active.
serverId	Read-only GUID of the Server that the Device is using. It is equal to "" if the Device is not active. Length=36
serverName	Read-only Name of the Server that the Device is using. It is equal to "" if the Device is not active.

**diskVersion**      Read-only version of the Disk Locator File that the Device is using. It is equal to "" if the Device is not active. Default=0

**status**            1 or 2 numbers in the format n,n. They are the number of retries and if ram cache is being used, ram cache percent used. It is equal to "" if the Device is not active.

**licenseType**      0 when None, 1 for Desktop, 2 for Server, 5 for OEM SmartClient, 6 for XenApp, 7 for XenDesktop. It is equal to 0 if the Device is not active. Default=0

**makLicenseActivated**   Read-only indicator if MAK licensing is being used and is activated. Values are: 0 (MAK not used), 1 (Not Activated), 2 (Activated). It is equal to "" if the Device is not active. Default=0

**model**            Oem Only: Read-only model of the computer. Values are OptiPlex 745, 755, 320, 760, FX160, or Default. It is equal to "" if the Device is not active.

**license**            Oem Only: Read-only type of the license. Values are 0 when None, 1 or 2 when Desktop. It is equal to 0 if the Device is not active. Default=0

**records**            If successful, records retrieved.

### **ExecuteGet DiskUpdateStatus**

Get the status of an Update Task, or all Update Tasks for a Site or Farm. All Disk Update Tasks are returned if no parameters are passed.

**parameters**      Parameters needed for the Get.

One of these optional

**updateTaskId**      GUID of the Update Task to Get.

**deviceId**          GUID of the Disk Update Device to Get Disk Update Status for.

**deviceName**        Name of the Disk Update Device to Get Disk Update Status for.

**deviceMac**        MAC of the Disk Update Device to Get Disk Update Status for.

**diskUpdateTaskId**   GUID of the Disk Update Task and Device relationship to Get Disk Update Status for.

**siteId**            GUID of the Site to Get all Update Tasks for. Also used with updateTaskName.

**siteName**          Name of the Site to Get all Update Tasks for. Also used with updateTaskName.

or this optional & resolution

**updateTaskName**    Name of the Update Task to Get.

One of these resolutions when needed

**siteId**            GUID of the Site.



siteName	Name of the Site.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
updateTaskName	Name of the Update Task.
description	User description of the Update Task.
diskLocatorName	Name of the Disk Locator File to update.
virtualHostingPoolName	Name of the Virtual Hosting Pool being used for the update.
deviceName	Name of the Device being used to do the update.
fields	List of fields to retrieve, if not included, all fields are retrieved.
diskUpdateTaskId	GUID that uniquely identifies this Update Task and Device relationship. Length=36
updateTaskId	GUID that uniquely identifies the Update Task. Length=36
updateTaskName	Name of the Update Task.
description	User description of the Update Task.
diskLocatorId	GUID of the Disk Locator to update.
diskLocatorName	Name of the Disk Locator File to update.
virtualHostingPoolId	GUID of the Virtual Hosting Pool being used for the update.
virtualHostingPoolName	Name of the Virtual Hosting Pool being used for the update.
deviceId	GUID that Device being used to do the update.
deviceName	Name of the Device being used to do the update.
siteId	GUID of the Site that this Update Task Name is a member of.
siteName	Name of the Site that this Update Task Name is a member of.
storeId	GUID of the Store that the Disk Locator is a member of.
storeName	Name of the Store that the Disk Locator is a member of.
previousResult	Status of the last run. Values are: 0 (Ready), 1 (Update Pending), 2 (Preparing Image), 3 (Starting VM), 4 (Update In Progress), 5 (Stopping VM), 6 (Submitting Image), 7 (Reverting Image), 8 (Invalid), 9 (Aborted), 10 (Completed Successfully), 11 (No Updates) Min=0, Max=11, Default=0
previousResultMessage	Message string that includes the results of the last run. Default=""Max Length=255

**currentStatus**      Current status of the update. Values are: 0 (Ready), 1 (Update Pending), 2 (Preparing Image), 3 (Starting VM), 4 (Update In Progress), 5 (Stopping VM), 6 (Submitting Image), 7 (Reverting Image), 8 (Invalid), 9 (Aborted), 10 (Completed Successfully), 11 (No Updates) Min=0, Max=11, Default=0

**currentStatusMessage**      Message string that includes the results of the run. Default="" Max Length=255

**records**      If successful, records retrieved.

### **ExecuteGet DiskVersion**

Get the fields for a Disk Version or all Disk Versions for a Disk Locator.

**parameters**      Parameters needed for the Get.

This required

**diskLocatorId**      GUID of the Disk Locator to Get Disk Versions of.

or this required & resolution

**diskLocatorName**      Name of the Disk Locator to Get Disk Versions of.

One of these optional

**version**      Specific Version to Get.

**type**           When set to 1, get the Maintenance or MaintenanceHighestVersion access version if it exists. When set to 2, get the Test access versions if any exist. When set to 3, get the Override access version if it exists.

One of these resolutions when needed

**siteId**      GUID of the Site.

**siteName**      Name of the Site.

One of these resolutions when needed

**storeId**      GUID of the Store that is needed when a diskLocatorName is used.

**storeName**      Name of the Store that is needed when a diskLocatorName is used.

**sortField**      Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**version**      Read-only version number. The base disk is version 0, the other version numbers are in part of the file name. Default=0

**fields**      List of fields to retrieve, if not included, all fields are retrieved.

version	Read-only version number. The base disk is version 0, the other version numbers are in part of the file name. Default=0
description	User description. Default="" Max Length=250
type	Read-only type of the Disk Version. Values are: 0 (Base), 1 (Manual), 2 (Automatic), 3 (Merge), and 4 (MergeBase) Min=0, Max=4, Default=0
createDate	Read-only Date/Time that the Disk Version was created. Default=getdate
scheduledDate	Date/Time that the Disk Version is scheduled to become available. Format is: YYYY-MM-DD HH:MM. When empty, the disk version is made available immediately. Default=null
deleteWhenFree	Read-only 1 if the Disk Version is no longer needed because of a merge. If not current booted by a Device, it can be deleted. Default=0
access	Read-only access of the Disk Version. Values are: 0 (Production), 1 (Maintenance), 2 (MaintenanceHighestVersion), 3 (Override), 4 (Merge), 5 (MergeMaintenance), 6 (MergeTest), and 7 (Test) Min=0, Max=7, Default=0
diskFileName	Name of the Disk File including the extension. Default=null
deviceCount	Read-only count of Devices. Default=0
goodInventoryStatus	1 when the up to date file is accessible by all Servers, 0 otherwise. Default=0
taskId	When a Merge is occurring, this will be set with the task number of the process that is occurring. Default=null
canDelete	Read-only 1 when the version can be deleted. Default=0
canMerge	Read-only 1 when the version can be update merged. Will be set for the highest version number. Default=0
canMergeBase	Read-only 1 when the version can be base merged. Will be set for the highest version number. Default=0
canPromote	Read-only 1 when the version can be promoted. Default=0
canRevertTest	Read-only 1 when the version can be reverted to Test Access. Default=0
canRevertMaintenance	Read-only 1 when the version can be reverted to Maintenance Access. Default=0
canSetScheduledDate	Read-only 1 when the version can have the scheduled date modified. Default=0
canOverride	Read-only 1 when the version can be set as the Override. Default=0
isPending	Read-only 1 when the version scheduledDate has not occurred. Default=0
temporaryVersionSet	Read-only 1 when temporary version(s) are set. Some changes cannot be made to the version when this is set. Default=0

records            If successful, records retrieved.

### **ExecuteGet ExceptionDescriptions**

Return all of the exceptions with description.

parameters        Parameters needed for the Get.

Optional

Culture            Optional culture to use for the exception descriptions returned.

records            If successful, records retrieved.

### **ExecuteGet Farm**

Get the fields for the Farm.

parameters        Parameters needed for the Get.

Optional

farmId            GUID of the Farm to Get. This is optional since there is only one Farm.

fields            List of fields to retrieve, if not included, all fields are retrieved.

farmId            Read-only GUID that uniquely identifies this Farm. Length=36

farmName          Name of the Farm. Default="" Max Length=50

description        User description. Default="" Max Length=250

autoAddEnabled    1 when Auto Add is enabled, 0 otherwise. Default=0

auditingEnabled    1 when Auditing is enabled, 0 otherwise. Default=0

lastAuditArchiveDate    Last date of Audit Trail data that was Archived. Format is yyyy/mm/dd Default=null

defaultSiteId        GUID of the Site to place new Devices into automatically. Not used with defaultSiteName. Default=null Length=36

defaultSiteName     Name of the Site to place new Devices into automatically. Not used with defaultSiteId. Default=null

offlineDatabaseSupportEnabled    1 when Offline Database Support is enabled, 0 otherwise. Default=0

adGroupsEnabled     Active Directory groups are used for authorization, when set to 1. Windows groups are used when set to 0. Default=0

licenseServer	License server name. Default="" Max Length=255
licenseServerPort	License server port. Min=1025, Max=65534, Default=27000
licenseTradeUp	License server trade up, when set to 1. Default=0
licenseSKU	licenseSKU. 0 for on-premises, 1 for cloud. Min=0, Max=1, Default=0
automaticMergeEnabled	1 when Automatic Merge is enabled, 0 otherwise. If the number of versions becomes more than the maxVersions value, a merge will occur at the end of PromoteDiskVersion. Default=1
maxVersions	Maximum number a versions of a Disk that can exist before a merge will automatically occur. Min=3, Max=50, Default=5
mergeMode	Mode to place the version in after a merge has occurred. Values are: 0 (Production), 1 (Test) and 2 (Maintenance). Min=0, Max=2, Default=2
databaseServerName	Read-only name of the database server.
databaseInstanceName	Read-only name of the database instance.
databaseName	Read-only name of the database.
failoverPartnerServerName	Read-only name of the database server.
failoverPartnerInstanceName	Read-only name of the database server instance.
multiSubnetFailover	Read-only Database MultiSubnetFailover value
role	Read-only Role of the user for this item. 100 is Farm Administrator, and 999 is read-only. Default=999
records	If successful, records retrieved.

### **ExecuteGet FarmView**

Get the fields for a Farm View or all Farm Views in the Farm. All Farm Views are returned if no parameters are passed.

parameters      Parameters needed for the Get.

One of these optional

farmViewId      GUID of the Farm View to Get.

farmViewName      Name of the Farm View to Get.

sortField      Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

farmViewName      name of the Farm View. Max Length=50

description      User description. Default="" Max Length=250

deviceCount      Read-only count of Devices in this Farm View. Default=0

activeDeviceCount      Read-only count of active Devices in this Farm View. Default=0

fields      List of fields to retrieve, if not included, all fields are retrieved.

farmViewId      Read-only GUID that uniquely identifies this Farm View. Length=36

farmViewName      name of the Farm View. Max Length=50

description      User description. Default="" Max Length=250

deviceCount      Read-only count of Devices in this Farm View. Default=0

activeDeviceCount      Read-only count of active Devices in this Farm View. Default=0

makActivateNeededCount      Read-only count of active Devices that need MAK activation in this Farm View. Default=0

records      If successful, records retrieved.

### **ExecuteGet Groups**

Get all of the available groups.

parameters      Parameters needed for the Get.

This optional

name      Name of the Group(s) to retrieve. Wildcards are allowed when searching for Active Directory groups. For example, "user\*" will return YOUR\_DOMAIN/BUILTIN/Users, and "\*" will return all the Active Directory groups available.

fields      List of fields to retrieve, if not included, all fields are retrieved.

name      Name of the Group.

records      If successful, records retrieved.

### **ExecuteGet NewVersionDisks**

Get new Disk versions for the Store on the Server specified.

parameters      Parameters needed for the Get.

One of these required

serverId      GUID of the Server to look for new Disk versions.

serverName      Name of the Server to look for new Disk versions.

One of these required

storeId            GUID of the Store that the Server services to look for new Disk versions.

storeName        Name of the Store that the Server services to look for new Disk versions.

Optional

autoAddEnabled    1 when undefined Disk versions found should be automatically added, 0 otherwise. Default=0

sortField        Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

name            Name of the disk file without the extension.

fields           List of fields to retrieve, if not included, all fields are retrieved.

name            Name of the disk file without the extension.

status          Status of the disk file. Values are: 0 (Valid), 1 (Missing Properties File), 2 (Access Denied), 3 (Access Denied and Missing Properties File), 4 (Invalid Disk File), 5 (Manifest Invalid)

records        If successful, records retrieved.

### **ExecuteGet Server**

Get the fields for a Server, all Servers in a Site that use a Store, service a DiskLocator, or for the whole Farm. All Servers are returned if no parameters are passed.

parameters       Parameters needed for the Get.

One of these optional

serverId        GUID of the Server to Get.

serverName      Name of the Server to Get.

siteId          GUID of the Site to Get all Servers.

siteName        Name of the Site to Get all Servers.

diskLocatorId    GUID of the Disk Locator to Get all Servers.

or this optional & resolution

diskLocatorName    Name of the Disk Locator File to Get all Servers.

One of these optional & resolutions

storeId        GUID of the Store to Get all Servers.

storeName       Name of the Store to Get all Servers.

## Optional

**all** Set to 1 with **storeId** or **storeName** to Get all Servers for the Store including ones with invalid paths.

One of these resolutions when needed

**storeId** GUID of the Site.

**siteName** Name of the Site.

One of these resolutions when needed

**storeId** GUID of the Store that is needed when a **diskLocatorName** is used.

**storeName** Name of the Store that is needed when a **diskLocatorName** is used.

**sortField** Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**serverName** Computer name with no spaces. ASCII computer name characters Max Length=21

**description** User description. Default="" Max Length=250

**adMaxPasswordAge** Number of days before a password expires. Min=1, Max=30, Default=7

**licenseTimeout** Amount of seconds before a license times out. Min=15, Max=300, Default=30

**vDiskCreatePacing** VDisk create time pacing in milliseconds. Min=0, Max=5, Default=0

**firstPort** Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910

**lastPort** Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930

**threadsPerPort** Number of worker threads per IO port. Required that (threadPerPort \* numberPorts \* numberIPs) <= 1000. Min=1, Max=60, Default=8

**buffersPerThread** Number of buffers per worker thread. Min=1, Max=128, Default=24

**serverCacheTimeout** Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8

**ioBurstSize** Number of bytes read/writes can send in a burst of packets. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=4096, Max=61440, Default=32768

**maxTransmissionUnits** Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=502, Max=16426, Default=1506

**maxBootDevicesAllowed** Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500



maxBootSeconds	Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60
bootPauseSeconds	Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10
adMaxPasswordAgeEnabled	Age the password, when set to 1. Default=0
fields	List of fields to retrieve, if not included, all fields are retrieved.
serverId	Read-only GUID that uniquely identifies this Server. Length=36
serverName	Computer name with no spaces. ASCII computer name characters Max Length=21
siteId	GUID of the Site this Server is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this Server is to be a member of. It is not used with siteId.
description	User description. Default="" Max Length=250
adMaxPasswordAge	Number of days before a password expires. Min=1, Max=30, Default=7
licenseTimeout	Amount of seconds before a license times out. Min=15, Max=300, Default=30
vDiskCreatePacing	VDisk create time pacing in milliseconds. Min=0, Max=5, Default=0
firstPort	Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910
lastPort	Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930
threadsPerPort	Number of worker threads per IO port. Required that (threadPerPort * numberPorts * numberIPs) <= 1000. Min=1, Max=60, Default=8
buffersPerThread	Number of buffers per worker thread. Min=1, Max=128, Default=24
serverCacheTimeout	Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8
ioBurstSize	Number of bytes read/writes can send in a burst of packets. Required that ioBurstSize/(maxTransmissionUnits-76)<=32. Min=4096, Max=61440, Default=32768
maxTransmissionUnits	Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that ioBurstSize/(maxTransmissionUnits-76)<=32. Min=502, Max=16426, Default=1506
maxBootDevicesAllowed	Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds	Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60

**bootPauseSeconds**      Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10

**adMaxPasswordAgeEnabled**    Age the password, when set to 1. Default=0

**eventLoggingEnabled**    Enable event logging, when set to 1. Default=0

**nonBlockingIoEnabled**    Use non-Blocking IO, when set to 1. Default=1

**role**                      Read-only Role of the user for this item. 100 is Farm Administrator, and 200 is Site Administrator. Default=999

**ip**                        One or more streaming ip addresses. If more than one ip is included, the ip addresses are comma delimited.

**initialQueryConnectionPoolSize**    Initial size of database connection pool for non-transactional queries. Min=1, Max=1000, Default=50

**initialTransactionConnectionPoolSize**    Initial size of database connection pool for transactional queries. Min=1, Max=1000, Default=50

**maxQueryConnectionPoolSize**    Maximum size of database connection pool for non-transactional queries. Min=1, Max=32767, Default=1000

**maxTransactionConnectionPoolSize**    Maximum size of database connection pool for transactional queries. Min=1, Max=32767, Default=1000

**refreshInterval**      Interval, in number of seconds, the server should wait before refreshing settings. If set to 0, unused database connections are never released. Min=0, Max=32767, Default=300

**unusedDbConnectionTimeout**    Interval, in number of seconds, a connection should go unused before it is to be released. Min=0, Max=32767, Default=300

**busyDbConnectionRetryCount**    Number of times a failed database connection will be retried. Min=0, Max=32767, Default=2

**busyDbConnectionRetryInterval**    Interval, in number of milliseconds, the server should wait before retrying to connect to a database. Min=0, Max=10000, Default=25

**localConcurrentIoLimit**    Maximum concurrent IO transactions it performs for vDisks that are local. A value of 0 disables the feature. Min=0, Max=128, Default=4

**remoteConcurrentIoLimit**    Maximum concurrent IO transactions it performs for vDisks that are remote. A value of 0 disables the feature. Min=0, Max=128, Default=4

**active**                      1 if the Server is currently active, 2 if unknown, and 0 otherwise. Min=0, Max=2, Default=0

**logLevel**                      Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=4

logFileSizeMax	Maximum size log files can reach in Megabytes. Min=1, Max=50, Default=5
logFileBackupCopiesMax	Maximum number of log file backups. Min=1, Max=50, Default=4
powerRating	A strictly relative rating of this Server's capabilities when compared to other Servers in the Store(s) it belongs too; can be used to help tune load balancing. Min=0.1, Max=1000, Default=1
serverFqdn	Read-only fully qualified domain name. Default=null Max Length=1024
managementIp	IP address used for management communications between Servers. Default=0.0.0.0
lastCeipUploadAttempt	Time that this server last attempted a CEIP upload. Default=null
lastBugReportAttempt	Time that this server last attempted to upload or generate a bug report bundle. Default=null
lastBugReportStatus	Status of the last bug report on this server. Default=null Max Length=250
lastBugReportResult	Status of the last bug report on this server. Default=null Max Length=4000
lastBugReportSummary	Summary of the last bug report on this server. Default=null Max Length=250
records	If successful, records retrieved.

### **ExecuteGet ServerBiosBootstrap**

Oem Only: Get the bootstrap fields for the Server dell\_bios.bin BIOS bootstrap file.

parameters          Parameters needed for the Get.

One of these required

serverId            GUID of the Server to Get the dell\_bios.bin BIOS bootstrap file from.

serverName        Name of the Server to Get the dell\_bios.bin BIOS bootstrap file from.

fields            List of fields to retrieve, if not included, all fields are retrieved.

enabled            Automatically update the BIOS on the target device with these setting when set to 1, otherwise do not use these settings. Default=0

dhcpEnabled        Use DHCP to retrieve target device IP when set to 1, otherwise use the static domain, dnsIpAddress1 and dnsIpAddress2 settings. Default=1

lookup            Use DNS to find the Server when set to 1 with the serverName host value, otherwise use the bootserver1\_Ip, bootserver1\_Port, bootserver2\_Ip, bootserver2\_Port, bootserver3\_Ip, bootserver3\_Port, bootserver4\_Ip, and bootserver4\_Port settings. Default=1

verboseMode        Display verbose diagnostic information when set to 1. Default=0

interruptSafeMode	Interrupt safe mode (use if target device hangs during boot) when set to 1. Default=0
paeMode	PAE mode (use if PAE enabled in boot.ini of target device) when set to 1. Default=0
bootFromHdOnFail	For network recovery reboot to hard drive when set to 1, restore network connection when set to 0. Default=0
recoveryTime	When bootFromHdOnFail is 1, this is the number of seconds to wait before reboot to hard drive. Min=10, Max=60000, Default=50
pollingTimeout	Login polling timeout in milliseconds. Min=1000, Max=60000, Default=5000
generalTimeout	Login general timeout in milliseconds. Min=1000, Max=60000, Default=5000
serverName	Host to use for DNS lookup. Only used when lookup is 1. Default=IMAGESERVER1
bootserver1_Ip	1st boot server IP. Only used when lookup is 0.
bootserver1_Port	1st boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
bootserver2_Ip	2nd boot server IP. Only used when lookup is 0. Default=0.0.0.0
bootserver2_Port	2nd boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
bootserver3_Ip	3rd boot server IP. Only used when lookup is 0. Default=0.0.0.0
bootserver3_Port	3rd boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
bootserver4_Ip	4th boot server IP. Only used when lookup is 0. Default=0.0.0.0
bootserver4_Port	4th boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
domain	Domain of the primary and secondary DNS servers. Only used when dhcpEnabled is 0.
dnsIpAddress1	Primary DNS server IP. Only used when dhcpEnabled is 0.
dnsIpAddress2	Secondary DNS server IP. Only used when dhcpEnabled is 0.
records	If successful, records retrieved.

### **ExecuteGet ServerBootstrap**

Get the bootstrap fields for the Server and named bootstrap file specified.

parameters      Parameters needed for the Get.

One of these required

serverId            GUID of the Server to Get the named bootstrap file from.  
serverName        Name of the Server to Get the named bootstrap file from.

This required

name              Name of the bootstrap file.  
fields            List of fields to retrieve, if not included, all fields are retrieved.  
bootserver1\_ip    1st boot server IP.  
bootserver1\_Netmask    1st boot server netmask. Default=0.0.0.0  
bootserver1\_Gateway    1st boot server gateway. Default=0.0.0.0  
bootserver1\_Port    1st boot server port. Min=1025, Max=65536, Default=6910  
bootserver2\_ip    2nd boot server IP. Default=0.0.0.0  
bootserver2\_Netmask    2nd boot server netmask. Default=0.0.0.0  
bootserver2\_Gateway    2nd boot server gateway. Default=0.0.0.0  
bootserver2\_Port    2nd boot server port. Min=1025, Max=65536, Default=6910  
bootserver3\_ip    3rd boot server IP. Default=0.0.0.0  
bootserver3\_Netmask    3rd boot server netmask. Default=0.0.0.0  
bootserver3\_Gateway    3rd boot server gateway. Default=0.0.0.0  
bootserver3\_Port    3rd boot server port. Min=1025, Max=65536, Default=6910  
bootserver4\_ip    4th boot server IP. Default=0.0.0.0  
bootserver4\_Netmask    4th boot server netmask. Default=0.0.0.0  
bootserver4\_Gateway    4th boot server gateway. Default=0.0.0.0  
bootserver4\_Port    4th boot server port. Min=1025, Max=65536, Default=6910  
verboseMode       Display verbose diagnostic information when set to 1. Default=0  
interruptSafeMode    Interrupt safe mode (use if target device hangs during boot) when set to 1.  
Default=0  
paeMode           PAE mode (use if PAE enabled in boot.ini of target device) when set to 1. Default=0  
bootFromHdOnFail    For network recovery reboot to hard drive when set to 1, restore network  
connection when set to 0. Default=0  
recoveryTime        When bootFromHdOnFail is 1, this is the number of seconds to wait before reboot  
to hard drive. Min=10, Max=60000, Default=50

pollingTimeout      Login polling timeout in milliseconds. Min=1000, Max=60000, Default=5000  
generalTimeout      Login general timeout in milliseconds. Min=1000, Max=60000, Default=5000  
records              If successful, records retrieved.

### **ExecuteGet ServerBootstrapNames**

Get the bootstrap names for a Server.

parameters          Parameters needed for the Get.

One of these required

serverId            GUID of the Server to Get bootstrap names for.  
serverName          Name of the Server to Get bootstrap names for.  
fields              List of fields to retrieve, if not included, all fields are retrieved.  
name                Bootstrap file name.  
records              If successful, records retrieved.

### **ExecuteGet ServerCustomProperty**

Get the Server Custom Property names and values.

parameters          Parameters needed for the Get.

One of these required

serverId            GUID of the Server.  
serverName          Name of the Server.  
sortField            Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.  
name                Name of the Server custom property. Max Length=250  
fields              List of fields to retrieve, if not included, all fields are retrieved.  
name                Name of the Server custom property. Max Length=250  
value                Value of the Server custom property. Max Length=1000  
records              If successful, records retrieved.

**ExecuteGet ServerInfo**

Get the fields and status for a Server, all Servers in a Site that use a Store, service a DiskLocator, or for the whole Farm. All Servers are returned if no parameters are passed.

parameters            Parameters needed for the Get.

One of these optional

serverId            GUID of the Server to Get.

serverName        Name of the Server to Get.

siteId            GUID of the Site to Get all Servers.

siteName        Name of the Site to Get all Servers.

diskLocatorId    GUID of the Disk Locator to Get all Servers.

or this optional & resolution

diskLocatorName    Name of the Disk Locator File to Get all Servers.

One of these optional & resolutions

storeId            GUID of the Store to Get all Servers.

storeName        Name of the Store to Get all Servers.

Optional

all            Set to 1 with storeId or storeName to Get all Servers for the Store including ones with invalid paths.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName        Name of the Store that is needed when a diskLocatorName is used.

sortField        Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

serverName        Computer name with no spaces. ASCII computer name characters Max Length=21

description        User description. Default="" Max Length=250

adMaxPasswordAge    Number of days before a password expires. Min=1, Max=30, Default=7

licenseTimeout    Amount of seconds before a license times out. Min=15, Max=300, Default=30

vDiskCreatePacing	VDisk create time pacing in milliseconds. Min=0, Max=5, Default=0
firstPort	Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910
lastPort	Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930
threadsPerPort	Number of worker threads per IO port. Required that (threadPerPort * numberPorts * numberIPs) <= 1000. Min=1, Max=60, Default=8
buffersPerThread	Number of buffers per worker thread. Min=1, Max=128, Default=24
serverCacheTimeout	Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8
ioBurstSize	Number of bytes read/writes can send in a burst of packets. Required that $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=4096, Max=61440, Default=32768
maxTransmissionUnits	Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=502, Max=16426, Default=1506
maxBootDevicesAllowed	Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500
maxBootSeconds	Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60
bootPauseSeconds	Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10
adMaxPasswordAgeEnabled	Age the password, when set to 1. Default=0
fields	List of fields to retrieve, if not included, all fields are retrieved.
serverId	Read-only GUID that uniquely identifies this Server. Length=36
serverName	Computer name with no spaces. ASCII computer name characters Max Length=21
siteId	GUID of the Site this Server is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this Server is to be a member of. It is not used with siteId.
description	User description. Default="" Max Length=250
adMaxPasswordAge	Number of days before a password expires. Min=1, Max=30, Default=7
licenseTimeout	Amount of seconds before a license times out. Min=15, Max=300, Default=30
vDiskCreatePacing	VDisk create time pacing in milliseconds. Min=0, Max=5, Default=0



**firstPort**            Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910

**lastPort**            Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930

**threadsPerPort**      Number of worker threads per IO port. Required that (threadPerPort \* number-Ports \* numberIPs) <= 1000. Min=1, Max=60, Default=8

**buffersPerThread**    Number of buffers per worker thread. Min=1, Max=128, Default=24

**serverCacheTimeout**   Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8

**ioBurstSize**           Number of bytes read/writes can send in a burst of packets. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=4096, Max=61440, Default=32768

**maxTransmissionUnits** Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=502, Max=16426, Default=1506

**maxBootDevicesAllowed**   Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500

**maxBootSeconds**        Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60

**bootPauseSeconds**      Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10

**adMaxPasswordAgeEnabled**   Age the password, when set to 1. Default=0

**eventLoggingEnabled**    Enable event logging, when set to 1. Default=0

**nonBlockingIoEnabled**   Use non-Blocking IO, when set to 1. Default=1

**role**                  Read-only Role of the user for this item. 100 is Farm Administrator, and 200 is Site Administrator. Default=999

**ip**                    One or more streaming ip addresses. If more than one ip is included, the ip addresses are comma delimited.

**initialQueryConnectionPoolSize**   Initial size of database connection pool for non-transactional queries. Min=1, Max=1000, Default=50

**initialTransactionConnectionPoolSize**   Initial size of database connection pool for transactional queries. Min=1, Max=1000, Default=50

**maxQueryConnectionPoolSize**   Maximum size of database connection pool for non-transactional queries. Min=1, Max=32767, Default=1000

**maxTransactionConnectionPoolSize** Maximum size of database connection pool for transactional queries. Min=1, Max=32767, Default=1000

**refreshInterval** Interval, in number of seconds, the server should wait before refreshing settings. If set to 0, unused database connections are never released. Min=0, Max=32767, Default=300

**unusedDbConnectionTimeout** Interval, in number of seconds, a connection should go unused before it is to be released. Min=0, Max=32767, Default=300

**busyDbConnectionRetryCount** Number of times a failed database connection will be retried. Min=0, Max=32767, Default=2

**busyDbConnectionRetryInterval** Interval, in number of milliseconds, the server should wait before retrying to connect to a database. Min=0, Max=10000, Default=25

**localConcurrentIoLimit** Maximum concurrent IO transactions it performs for vDisks that are local. A value of 0 disables the feature. Min=0, Max=128, Default=4

**remoteConcurrentIoLimit** Maximum concurrent IO transactions it performs for vDisks that are remote. A value of 0 disables the feature. Min=0, Max=128, Default=4

**active** 1 if the Server is currently active, 2 if unknown, and 0 otherwise. Min=0, Max=2, Default=0

**logLevel** Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=4

**logFileSizeMax** Maximum size log files can reach in Megabytes. Min=1, Max=50, Default=5

**logFileBackupCopiesMax** Maximum number of log file backups. Min=1, Max=50, Default=4

**powerRating** A strictly relative rating of this Server's capabilities when compared to other Servers in the Store(s) it belongs too; can be used to help tune load balancing. Min=0.1, Max=1000, Default=1

**serverFqdn** Read-only fully qualified domain name. Default=null Max Length=1024

**managementIp** IP address used for management communications between Servers. Default=0.0.0.0

**lastCeipUploadAttempt** Time that this server last attempted a CEIP upload. Default=null

**lastBugReportAttempt** Time that this server last attempted to upload or generate a bug report bundle. Default=null

**lastBugReportStatus** Status of the last bug report on this server. Default=null Max Length=250

**lastBugReportResult** Status of the last bug report on this server. Default=null Max Length=4000

**lastBugReportSummary** Summary of the last bug report on this server. Default=null Max Length=250

contactIp	Read-only contact IP for the Server.
contactPort	Read-only contact port for the Server.
deviceCount	Read-only count of Devices. Default=0
records	If successful, records retrieved.

### **ExecuteGet ServerStatus**

Get the Server Status fields for a Server.

parameters          Parameters needed for the Get.

One of these required

serverId	GUID of the Server to Get status for.
serverName	Name of Server to Get status for.
fields	List of fields to retrieve, if not included, all fields are retrieved.
serverId	Read-only GUID of the Server. Can be used with Get Server. Length=36
serverName	Read-only Name of the Server. Can be used with Get Server.
ip	Read-only contact IP for the Server.
port	Read-only contact port for the Server.
deviceCount	Read-only count of Devices. Default=0
status	Status of the server, 0 if down, 1 if up and 2 if unknown. Default=0
records	If successful, records retrieved.

### **ExecuteGet ServerStore**

Get the directory and cache paths of a Server for one or all Stores.

parameters          Parameters needed for the Get.

One of these required

serverId	GUID of a Server.
serverName	Name of a Server.

One of these optional

storeId	GUID of the Store.
storeName	Name of the Store.

fields	List of fields to retrieve, if not included, all fields are retrieved.
storeId	GUID of the Store. storeName can be used instead. Length=36
storeName	Name of the Store. storeId can be used instead.
serverId	GUID of the server that uses the Store. serverName can be used instead. Length=36
serverName	Name of the server that uses the Store. serverId can be used instead.
path	Directory path that the Server uses to access the Store. Default="" Max Length=255
cachePath	Cache path(s) that the Server uses with the Store. It is an ordered comma-delimited list. If none are specified the caches will be placed in the Store cachePath. Default=None
records	If successful, records retrieved.

### **ExecuteGet Site**

Get the fields for a Site or all Sites. All Sites are returned if no parameters are passed.

parameters          Parameters needed for the Get.

One of these optional

siteId	GUID of the Site to Get.
siteName	Name of the Site to Get.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
siteName	Name of the Site. Max Length=50
description	User description. Default="" Max Length=250
fields	List of fields to retrieve, if not included, all fields are retrieved.
siteId	Read-only GUID that uniquely identifies this Site. Length=36
siteName	Name of the Site. Max Length=50
description	User description. Default="" Max Length=250
defaultCollectionId	GUID of the Collection to place new Devices into automatically. Not used with defaultCollectionName. Default=null Length=36
defaultCollectionName	Name of the Collection to place new Devices into automatically. Not used with defaultCollectionId. Default=null
inventoryFilePollingInterval	The number of seconds between polls for Disk changes in the Stores. Min=1, Max=600, Default=60
enableDiskUpdate	1 when Disk Updated is enabled for the Site, 0 otherwise. Default=0

**diskUpdateServerId** GUID of the Disk Update Server for the Site. Not used with **diskUpdateServerName**. Default=null Length=36

**diskUpdateServerName** Name of the Disk Update Server for the Site. Not used with **diskUpdateServerId**. Default=null

**makUser** User name used for MAK activation. Default=null Max Length=64

**makPassword** User password used for MAK activation. Default=null Max Length=64

**role** Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, and 999 is read-only. Default=999

**records** If successful, records retrieved.

### **ExecuteGet SiteView**

Get the fields for a Site View or all Site Views in a Site or the whole Farm. All Site Views are returned if no parameters are passed.

**parameters** Parameters needed for the Get.

One of these optional

**siteViewId** GUID of the Site View to Get.

**siteId** GUID of the Site to Get all Views for.

**siteName** Name of the Site to Get all Views for.

or this optional & resolution

**siteViewName** Name of the Site View to Get.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

**sortField** Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**siteViewName** Name of the Site View. Max Length=50

**description** User description. Default="" Max Length=250

**deviceCount** Read-only count of Devices in this Site View. Default=0

**deviceWithPVDCCount** Read-only count of Devices with Personal vDisk in this Site View. Default=0

**activeDeviceCount** Read-only count of active Devices in this Site View. Default=0

**fields** List of fields to retrieve, if not included, all fields are retrieved.

siteViewId	Read-only GUID that uniquely identifies this Site View. Length=36
siteViewName	Name of the Site View. Max Length=50
siteId	GUID of the Site this View is to be a member of. It is not used with siteName. Length=36
siteName	Name of the Site this View is to be a member of. It is not used with siteId.
description	User description. Default=""Max Length=250
deviceCount	Read-only count of Devices in this Site View. Default=0
deviceWithPVDCount	Read-only count of Devices with Personal vDisk in this Site View. Default=0
activeDeviceCount	Read-only count of active Devices in this Site View. Default=0
makActivateNeededCount	Read-only count of active Devices that need MAK activation in this Site View. Default=0
role	Read-only Role of the user for this item. 100 is Farm Administrator, and 200 is Site Administrator. Default=999
records	If successful, records retrieved.

### **ExecuteGet Store**

Get the fields for a Store or all Stores for a Server, Site or the Farm. All Stores are returned if no parameters are passed.

parameters          Parameters needed for the Get.

One of these optional

storeId	GUID of the Store to Get.
storeName	Name of the Store to Get.
serverId	GUID of the Server to Get all Stores for.
serverName	Name of the Server to Get all Stores for.
siteId	GUID of the Site to Get all Stores for.
siteName	Name of the Site to Get all Stores for.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
storeName	Name of the Store. Max Length=50
description	User description. Default=""Max Length=250
fields	List of fields to retrieve, if not included, all fields are retrieved.

storeId	Read-only GUID that uniquely identifies this Store. Length=36
storeName	Name of the Store. Max Length=50
siteId	GUID of the Site where Administrators of that Site can change this Store. Not used for Farm Stores. siteName can be used instead. Default=null Length=36
siteName	Name of the Site where Administrators of that Site can change this Store. Not used for Farm Stores. siteId can be used instead. Default=null
description	User description. Default="" Max Length=250
path	Default directory path that the Servers use to access this Store. Max Length=255
cachePath	Default Cache path(s) that the Servers use with this Store. It is an ordered comma-delimited list. If none are specified the caches will be placed in the WriteCache subdirectory of the Store path. Default=None
role	Read-only Role of the user for this item. 100 is Farm Administrator, 200 is Site Administrator, and 999 is read-only. Default=999
pathType	Read-only field indicating if the vdisks are on a server's local hard disk or on a remote share.
records	If successful, records retrieved.

### **ExecuteGet StoreSharedOrServerPath**

Get the Stores and paths for the serverName specified or Stores with only shared UNC paths.

parameters          Parameters needed for the Get.

One of these required

siteId                GUID of a Site used for authorization check.

siteName            Name of a Site used for authorization check.

Optional

serverName         Name of a Server to also get local Store paths for.

sortField           Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

storeName          Name of the Store.

fields               List of fields to retrieve, if not included, all fields are retrieved.

storeId            GUID of the Store.

storeName          Name of the Store.

path            Directory path that the Servers use to access this Store.

records            If successful, records retrieved.

### **ExecuteGet Task**

Get the current Task fields for select, or all active and completed un-cleared tasks.

parameters            Parameters needed for the Get.

One of these optional

taskId            ID of the Task to get.

siteId            GUID of the Site to get Tasks for.

siteName            Name of the Site to get Tasks for.

Optional

state            The TaskState to get Tasks for. Values are: 0 (Processing), 1 (Cancelled), and 2 (Complete).

sortField            Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

taskId            Unique ID of the task.

fields            List of fields to retrieve, if not included, all fields are retrieved.

taskId            Unique ID of the task.

siteId            GUID of the Site that this Task is being processed in. Default=null Length=36

siteName            Name of the Site that that this Task is being processed in.

handle            Handle to a running function.

serverFqdn            Qualified name of the server. Default=null Max Length=1024

ip            IP Address of the remote host.

port            Port number of the remote service.

startTime            Time the task was started. Format is: YYYY-MM-DD HH:MM:SS.

expirationTime            Time the task record may be removed from the database if the task does not complete. Format is: YYYY-MM-DD HH:MM:SS.

state            State of the Task. Values are: 0 (Processing), 1 (Cancelled), and 2 (Complete). Min=0, Max=2

commandType            Type of the command. Values are: Add, Delete, Get, Info, Run, RunWithReturn, Set and SetList. Default="" Max Length=13



**command** Command being processed. Default="" Max Length=50

**mapiException** Exception result in XML format. Default=null

**results** Result in XML format. Default=null

**records** If successful, records retrieved.

### **ExecuteGet UndefinedDisks**

Get undefined Disks for the Store on the Server specified.

**parameters** Parameters needed for the Get.

One of these required

**serverId** GUID of the Server to look for undefined Disks.

**serverName** Name of the Server to look for undefined Disks.

One of these required

**storeId** GUID of the Store that the Server services to look for undefined Disks.

**storeName** Name of the Store that the Server services to look for undefined Disks.

Optional

**autoAddEnabled** 1 when undefined Disks found should be automatically added, 0 otherwise.  
Default=0

**sortField** Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

**name** Name of the disk file without the extension.

**fields** List of fields to retrieve, if not included, all fields are retrieved.

**name** Name of the disk file without the extension.

**status** Status of the disk file. Values are: 0 (Valid), 1 (Missing Properties File), 2 (Access Denied), 3 (Access Denied and Missing Properties File), 4 (Invalid Disk File), 5 (Manifest Missing or Invalid), 6 (Both VHD and VHDX)

**format** Format of the image. Values are: 0 (VHD), 1 (VHDX). Default=0

**records** If successful, records retrieved.

### **ExecuteGet UpdateTask**

Get the fields for an Update Task or all Update Tasks in a Site or the whole Farm. All Update Tasks are returned if no parameters are passed.

parameters            Parameters needed for the Get.

One of these optional

updateTaskId           GUID of the Update Task to Get.

siteId                GUID of the Site to Get all Update Tasks for.

siteName              Name of the Site to Get all Update Tasks for.

or this optional & resolution

updateTaskName        Name of the Update Task to Get.

One of these resolutions when needed

siteId                GUID of the Site.

siteName              Name of the Site.

sortField              Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.

updateTaskName        Name of the Update Task. It is unique within the Site. Max Length=50

description            User description. Default="" Max Length=250

fields                List of fields to retrieve, if not included, all fields are retrieved.

updateTaskId           Read-only GUID that uniquely identifies this Update Task. Length=36

updateTaskName        Name of the Update Task. It is unique within the Site. Max Length=50

siteId                GUID of the Site that this Update Task is a member of. It is not used with siteName. Length=36

siteName              Name of the Site that this Update Task is a member of. It is not used with siteId.

description            User description. Default="" Max Length=250

enabled                1 when it will be processed, 0 otherwise. Default=1

hour                The hour of the day to perform the task. Min=0, Max=23, Default=0

minute                The minute of the hour to perform the task. Min=0, Max=59, Default=0

recurrence            The update will reoccur on this schedule. 0 = None, 1 = Daily, 2 = Every Weekday, 3 = Weekly, 4 = Monthly Date, 5 = Monthly Type. Min=0, Max=5, Default=0

dayMask                Days selected values. 1 = Monday, 2 = Tuesday, 4 = Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday, 64 = Sunday, 128 = Day. Default=0. This is used with Weekly and Monthly Type recurrence. Min=1, Max=255, Default=4

date                Comma delimited days of the month. Numbers from 1-31 are the only valid values. This is used with Monthly Date recurrence. Default="" Max Length=83

**monthlyOffset** When to happen monthly. 0 = None, 1 = First, 2 = Second, 3 = Third, 4 = Forth, 5 = Last. This is used with Monthly Type recurrence. Min=0, Max=5, Default=3

**esdType** Esd to use. Valid values are SCCM or WSUS. If no value, a custom script is run on the client. Default=null Max Length=50

**preUpdateScript** Script file to run before the update starts. Default=null Max Length=255

**preVmScript** Script file to run before the VM is loaded. Default=null Max Length=255

**postUpdateScript** Script file to run after the update finishes. Default=null Max Length=255

**postVmScript** Script file to run after the VM is unloaded. Default=null Max Length=255

**domain** Domain to add the Disk Update Device(s) to. If not included, the first Domain Controller found on the Server is used. Default=null Max Length=255

**organizationUnit** Organizational Unit to add the Disk Update Device(s) to. This parameter is optional. If it is not specified, the device is added to the built in Computers container. Child OU's should be delimited with forward slashes, e.g. "ParentOU/ChildOU". Special characters in an OU name, such as '"', '#', '+', ',', '<', '>', '=', must be escaped with a backslash. For example, an OU called "commaln,TheMiddle" must be specified as "commaln\\TheMiddle". The old syntax of delimiting child OU's with a comma is still supported, but deprecated. Note that in this case, the child OU comes first, e.g. "ChildOU,ParentOU". Default=null Max Length=255

**postUpdateApprove** Access to place the version in after the update has occurred. 0 = Production, 1 = Test, 2 = Maintenance. Min=0, Max=2, Default=0

**records** If successful, records retrieved.

### **ExecuteGet VirtualHostingPool**

Get the fields for a Virtual Hosting Pool or all Virtual Hosting Pools in a Site or the whole Farm. All Virtual Hosting Pools are returned if no parameters are passed.

**parameters** Parameters needed for the Get.

One of these optional

**virtualHostingPoolId** GUID of the Virtual Hosting Pool to Get.

**siteId** GUID of the Site to Get all Virtual Hosting Pools for.

**siteName** Name of the Site to Get all Virtual Hosting Pools for.

or this optional & resolution

**virtualHostingPoolName** Name of the Virtual Hosting Pool to Get.

One of these resolutions when needed

siteId	GUID of the Site.
siteName	Name of the Site.
sortField	Name of field to sort on. If not included, the first field listed is used. Set ascending to true for ascending order, or false for descending order.
virtualHostingPoolName	Name of the Virtual Hosting Pool. It is unique within the Site. Max Length=50
description	User description. Default="" Max Length=250
fields	List of fields to retrieve, if not included, all fields are retrieved.
virtualHostingPoolId	Read-only GUID that uniquely identifies this Virtual Hosting Pool. Length=36
virtualHostingPoolName	Name of the Virtual Hosting Pool. It is unique within the Site. Max Length=50
siteId	GUID of the Site that this Virtual Hosting Pool is a member of. It is not used with siteName. Length=36
siteName	Name of the Site that this Virtual Hosting Pool is a member of. It is not used with siteId.
type	Type of the Virtual Hosting Pool. 0 = Citrix XenServer, 1 = Microsoft SCVMM/Hyper-V, 2 = VMWare vSphere/ESX. Min=0, Max=3, Default=0
description	User description. Default="" Max Length=250
server	Name or IP of the Host Server. Max Length=255
port	Port of the Host Server. Min=80, Max=65534, Default=80
datacenter	Datacenter of the Virtual Hosting Pool. Default="" Max Length=250
updateLimit	Number of updates at the same time. Min=2, Max=1000, Default=1000
updateTimeout	Timeout for updates. Min=2, Max=240, Default=60
shutdownTimeout	Timeout for shutdown. Min=2, Max=30, Default=10
userName	Name to use when logging into the Server.
password	Password to use when logging into the Server.
xdHostingUnitUuid	UUID of XenDesktop Hosting Unit Default=null Length=36
prepopulateEnabled	Enable prepopulate when set to 1 Default=0
xsPvsSiteUuid	UUID of XenServer PVS_site Default=null Length=36
platformVersion	Hypervisor Host Version Default=null Max Length=250

xdHcHypervisorConnectionName Hypervisor Connection Name for HCL Connection Details object  
Default=null Max Length=250

xdHcHypervisorConnectionUid Hypervisor Connection Uid for HCL Connection Details object  
Default=null Max Length=250

xdHcRevision Revision for HCL Connection Details object Default=null Max Length=250

xdHcCustomProperties Custom Properties for HCL Connection Details object Default=null Max  
Length=250

xdHcSslThumbprints Ssl Thumbprints for HCL Connection Details object Default=null Max  
Length=250

records If successful, records retrieved.

### **ExecuteGet VirtualHostingPoolServer**

parameters Parameters needed for the Get.

Optional

virtualHostingPoolId GUID of the Virtual Hosting Pool to Get.

serverId GUID of the Server to Get.

fields List of fields to retrieve, if not included, all fields are retrieved.

virtualHostingPoolId GUID of the Virtual Hosting Pool being used for XenServer PVS proxy.  
Length=36

serverId GUID of the Server that has a PVS\_server in XenServer Length=36

xsPvsServerUuid UUID of the XenServer PVS\_server Length=36

records If successful, records retrieved.

### **ExecuteGet XDSite**

Get the fields for a XenDesktop Site or all XenDesktop Sites. All XenDesktop Sites are returned if no parameters are passed.

parameters Parameters needed for the Get.

This optional

xdSiteId GUID of the XenDesktop Site to Get.

fields List of fields to retrieve, if not included, all fields are retrieved.

xdSiteId GUID of the XenDesktop Site. Length=36

configServices      Comma delimited list of XenDesktop Server addresses. Max Length=2000  
records              If successful, records retrieved.

### **ExecuteInfo**

MapiReturn ExecuteInfo(string command,  
List<KeyValuePair<string, string> parameters,  
List fields,  
out List<List<KeyValuePair<string, string>> records);

### **ExecuteInfo Group**

Get the fields for the Groups for the user or the System.

parameters          Parameters needed for the Info request.  
Optional  
domain              Domain of user (may be the name of the local computer).  
user                Name of user.  
adGroupsEnabled      Get Active Directory groups, when set to 1. Get Windows groups, when set to 0. If not included, the Farm adGroupsEnabled setting is used.  
fields              List of fields to retrieve, if not included, all fields are retrieved.  
name                Name of the Group.  
guid                GUID of the Active Directory group. It will be null for Windows groups.  
records              If successful, records retrieved.

### **ExecuteInfo LocalServer**

Return one record with the local server's NetBios name

fields              List of fields to retrieve, if not included, all fields are retrieved.  
LocalServer          NetBios name of local server.  
records              If successful, records retrieved.

**ExecuteInfo MapiErrorCode**

Return the string and numeric versions of each Mapi error code.

fields	List of fields to retrieve, if not included, all fields are retrieved.
mapiVersion	Version of the system in major.minor.point.build format.
dbVersion	Version of the database schema as a number. Default=0
type	Type of system. Values are 0 (Normal), 1 (OROM), and 2 (Secure). Default=0
dbEdition	Edition of the database. If 'Express Edition', monitor dbSize.
dbSize	Size of the database in MB. Monitor this value if the edition is 'Express Edition' and this value is close to reaching the 4000 MB maximum. Default=0
mapiVersionNumber	Internal version number of the system. It is a number that is increased by 100 for each major and minor release. Point releases are the numbers between each 100. Default=0
records	If successful, records retrieved.

**ExecuteInfo Version**

Return one record with the version information.

fields	List of fields to retrieve, if not included, all fields are retrieved.
mapiVersion	Version of the system in major.minor.point.build format.
dbVersion	Version of the database schema as a number. Default=0
type	Type of system. Values are 0 (Normal), 1 (OROM), and 2 (Secure). Default=0
dbEdition	Edition of the database. If 'Express Edition', monitor dbSize.
dbSize	Size of the database in MB. Monitor this value if the edition is 'Express Edition' and this value is close to reaching the 4000 MB maximum. Default=0
mapiVersionNumber	Internal version number of the system. It is a number that is increased by 100 for each major and minor release. Point releases are the numbers between each 100. Default=0
records	If successful, records retrieved.

**ExecuteRun**

MapiReturn ExecuteRun(string command,  
List<KeyValuePair<string, string>> parameters);

### **ExecuteRun ActivateDevice**

Proxy Activate with a Multiple Activation Key and/or apply the Confirmation ID to remote activate a Device DiskLocator pair.

parameters            Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Activate.

deviceName            Name of the Device to Activate.

deviceMac            MAC of the Device to Activate.

This required

makUsedToActivate    Multiple Activation Key to Activate the Device with.

### **ExecuteRun AddDeviceToDomain**

Assign a Device, all Devices in a Collection or View to a Domain.

parameters            Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Add to the Domain.

deviceName            Name of the Device to Add to the Domain.

deviceMac            MAC of the Device to Add to the Domain.

collectionId            GUID of the Collection to Add all Devices to the Domain.

siteViewId            GUID of the Site View to Add all Devices to the Domain.

farmViewId            GUID of the Farm View to Add all Devices to the Domain.

farmViewName            Name of the Farm View to Add all Devices to the Domain.

or one of these required & resolutions

collectionName            Name of the Collection to Add all Devices to the Domain.

siteViewName            Name of the Site View to Add all Devices to the Domain.

Optional

domain            Domain to add the Device(s) to. If not included, the first Domain Controller found on the Server is used.

organizationUnit    Organizational Unit to add the Device(s) to. This parameter is optional. If it is not specified, the device is added to the built in Computers container. Child OU's should be delimited with



forward slashes, e.g. "ParentOU/ChildOU". Special characters in an OU name, such as "", '#', '+', ';', '<', '>', '=', must be escaped with a backslash. For example, an OU called "commaInTheMiddle" must be specified as "commaIn\,TheMiddle". The old syntax of delimiting child OU's with a comma is still supported, but deprecated. Note that in this case, the child OU comes first, e.g. "ChildOU,ParentOU".

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun AddDiskVersion**

Add one or more new Versions to a Disk. A manifest file for the new Disk Version(s) must exist in the Store.

parameters      Parameters needed for this Run.

This required

diskLocatorId    GUID of the Disk Locator File to Add the new Disk Version(s) to.

or this required & resolution

diskLocatorName    Name of the Disk Locator File to Add the new Disk Version(s) to.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId          GUID of the Store that is needed when a diskLocatorName is used.

storeName        Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun ApplyAutoUpdate**

Apply Auto Update for a Server or all Servers in a Site.

parameters      Parameters needed for this Run.

One of these required

serverId         GUID of the Server to apply Auto Update.

serverName      Name of the Server to apply Auto Update.

siteld            GUID of the Site to apply Auto Update on all Servers.

siteName        Name of the Site to apply Auto Update on all Servers.

### **ExecuteRun ArchiveAuditTrail**

Archive the information in the Audit Trail up to a certain date to a file. When finished, the information archived will be removed from the Audit Trail.

parameters      Parameters needed for this Run.

This required

fileName        Name of the file to archive the Audit Trail to. This must be a full file path name.

Optional

endDate        Last date of information to Archive. If not entered, all information is Archived. Format is yyyy/mm/dd.

purgeData       1 when the information archived will be removed from the Audit Trail. Default=1

### **ExecuteRun AssignAuthGroup**

Assign an AuthGroup to have Farm, Site or Collection Authorization. If no Site or Collection is specified, the AuthGroup is given Farm Authorization.

parameters      Parameters needed for this Run.

One of these required

authGroupId     GUID of the AuthGroup to assign Authorization for.

authGroupName   Name of the AuthGroup to assign Authorization for.

One of these optional

siteld            GUID of the Site to assign Authorization to for the AuthGroup.

siteName        Name of the Site to assign Authorization to for the AuthGroup.

collectionId     GUID of the Collection to assign Authorization to for the AuthGroup.

or this optional & resolution

collectionName   Name of the Collection to assign Authorization to for the AuthGroup.

Optional

role            Authorization Role for the Collection. 300 or 400 can be used. Role can only be used with collectionId or collectionName. 300 is Collection Administrator, and 400 is Collection Operator. Default=400

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun AssignDevice**

Assign a Device to a Collection or View. Personal vDisk Devices cannot be moved to another Site.

parameters      Parameters needed for this Run.

One of these required

deviceId        GUID of the Device to Assign.

deviceName      Name of the Device to Assign.

deviceMac       MAC of the Device to Assign.

One of these required

collectionId      GUID of the Collection to Assign a Device or Devices. The Device is moved from whatever Collection it is currently in, to the Collection specified.

siteViewId       GUID of the Site View to Assign a Device.

farmViewId       GUID of the Farm View to Assign a Device.

farmViewName    Name of the Farm View to Assign a Device.

or one of these required & resolutions

collectionName    Name of the Collection to Assign a Device or Devices. The Device is moved from whatever Collection it is currently in, to the Collection specified.

siteViewName     Name of the Site View to Assign a Device.

Optional

copyTemplate      1 if the Template Device for the collection, if it exists, should be used for the property settings of the assigned Device(s). copyTemplate is only valid with collectionId or collection-Name.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun AssignDisk**

Assign a Disk to an Update Task.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator to Assign.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Assign.

One of these required

updateTaskId        GUID of the Update Task to Assign a Disk.

updateTaskName      Name of the Update Task to Assign a Disk.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId               GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun AssignDiskLocator**

Assign a Disk Locator to a Device, a Collection or View.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator to Assign.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Assign.

One of these required

deviceId               GUID of the Device to Assign a Disk Locator.

deviceName           Name of the Device to Assign a Disk Locator.

deviceMac            MAC of the Device to Assign a Disk Locator.

collectionId          GUID of the Collection to Assign a Disk Locator or Locators to all Devices.

siteViewId            GUID of the Site View to Assign a Disk Locator to all Devices.

farmViewId           GUID of the Farm View to Assign a Disk Locator to all Devices.

farmViewName        Name of the Farm View to Assign a Disk Locator to all Devices.

or one of these required & resolutions

collectionName       Name of the Collection to Assign a Disk Locator or Locators to all Devices.

siteViewName        Name of the Site View to Assign a Disk Locator to all Devices.

Optional

removeExisting       1 to remove the existing Disk Locators before assigning the new one. Default=0

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId              GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun AssignServer**

Assign a Server to a Site.

parameters           Parameters needed for this Run.

One of these required

serverId             GUID of the Server to Assign.

serverName           Name of the Server to Assign.

One of these required

siteId                GUID of the Site to Assign a Server.

siteName             Name of the Site to Assign a Server.

### **ExecuteRun Boot**

Deprecated: use RunWithReturn Boot. Boot a Device, Collection or View.

parameters           Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Boot.

deviceName        Name of the Device to Boot.

deviceMac         MAC of the Device to Boot.

collectionId       GUID of the Collection to Boot all Devices.

siteViewId         GUID of the Site View to Boot all Devices.

farmViewId        GUID of the Farm View to Boot all Devices.

farmViewName      Name of the Farm View to Boot all Devices.

or one of these required & resolutions

collectionName     Name of the Collection to Boot all Devices.

siteViewName      Name of the Site View to Boot all Devices.

One of these resolutions when needed

siteId             GUID of the Site.

siteName          Name of the Site.

### **ExecuteRun CancelTask**

Cancel a running Task.

parameters        Parameters needed for this Run.

This required

taskId            Id of the Task to Cancel.

### **ExecuteRun ClearTask**

Clear a single or all completed or cancelled Tasks in a Site or the whole Farm.

parameters        Parameters needed for this Run.

One of these optional

taskId            Id of the Task to Clear.

siteId            Site Id of the Tasks to Clear.

siteName          Site Name of the Tasks to Clear.

## **ExecuteRun CopyPasteDevice**

Copy properties of one Device to a Device, all the Devices in a Collection, Site View or Farm View.

parameters            Parameters needed for this Run.

One of these required

deviceIdFrom           GUID of the Device to Copy from.

deviceNameFrom        Name of the Device to Copy from.

deviceMacFrom         Mac of the Device to Copy from.

One of these required

deviceId                GUID of the Device to Copy to.

deviceName             Name of the Device to Copy to.

deviceMac              MAC of the Device to Copy to.

collectionId            GUID of the Collection to Copy to.

siteViewId             GUID of the Site View to Copy to.

farmViewId             GUID of the Farm View to Copy to.

farmViewName         Name of the Farm View to Copy to.

or one of these required & resolutions

collectionName         Name of the Collection to Copy to.

siteViewName          Name of the Site View to Copy to.

Optional

properties              If not specified, all are copied. Comma delimited list of properties. Values are: 1 (Description), 2 (Class), 3 (Port), 4 (Disabled), 5 (Boot Behavior), 6 (Disk Assignment), 7 (Personality), 8 (Printer), 9 (Type), 10 (Authentication) and 11 (Logging).

One of these resolutions when needed

siteId                  GUID of the Site.

siteName                Name of the Site.

## **ExecuteRun CopyPasteDisk**

Copy properties of one Disk to a Disk.

parameters            Parameters needed for this Run.

This required

diskLocatorIdFrom      GUID of the Disk Locator to Copy from.

This required

diskLocatorId          GUID of the Disk Locator to Copy to.

Optional

properties              If not specified, all are copied. Comma delimited list of properties. Values are: 1 (Description), 2 (Class), 3 (Type), 4 (Disk Mode), 5 (Auto Update), 6 (HA), 7 (Active Directory), 8 (Printer), 10 (Version), 11 (Date), 12 (Author), 13 (Title), 14 (Company), 15 (Internal Filename), 16 (Original Filename), 17 (Hardware Target), 18 (Menu Text), 19 (Enabled), 20 (Server), and 21 (Store).

### **ExecuteRun CopyPasteServer**

Copy properties of one Server to a Server.

parameters              Parameters needed for this Run.

One of these required

serverIdFrom          GUID of the Server to Copy from.

serverNameFrom        Name of the Server to Copy from.

One of these required

serverId                GUID of the Server to Copy to.

serverName            Name of the Server to Copy to.

Optional

properties              If not specified, all are copied. Comma delimited list of properties. Values are: 1 (Configuration), 2 (Port), 4 (Active Directory), 5 (Advanced Server), 6 (Advanced Network), 7 (Advanced Pacing), 8 (Advanced Device) and 9 (Logging).

### **ExecuteRun CreateDirectory**

Create a Directory on the Server specified.

parameters              Parameters needed for this Run.

One of these required

serverId                GUID of the Server to create a Directory on.

serverName            Name of the Server to create a Directory on.



This required

path            Path of the new Directory to create.

### **ExecuteRun CreateDiskCancel**

Cancel an active CreateDisk.

parameters        Parameters needed for this Run.

This required

name            Name of the Disk file that is being created.

One of these required

storeId          GUID of the Store that the Disk will be a member of.

storeName        Name of the Store that the Disk will be a member of.

### **ExecuteRun DisableCollection**

Disable a Collection so Devices that exist in it are Disabled, even if a Device itself is set to be Enabled.

parameters        Parameters needed for this Run.

This required

collectionId      GUID of the Collection to Disable.

or this required & resolution

collectionName    Name of the Collection to Disable.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun DisableDevice**

Disable one or more Devices.

parameters        Parameters needed for this Run.

One of these required

deviceId          GUID of the Device to Disable.

deviceName        Name of the Device to Disable.

deviceMac            MAC of the Device to Disable.

collectionId        GUID of the Collection to Disable all Devices in.

siteViewId          GUID of the Site View to Disable all Devices in.

farmViewId          GUID of the Farm View to Disable all Devices in.

farmViewName        Name of the Farm View to Disable all Devices in.

or one of these required & resolutions

collectionName       Name of the Collection to Disable all Devices in.

siteViewName        Name of the Site View to Disable all Devices in.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

### **ExecuteRun DisableDeviceDiskLocator**

Disable a Device's DiskLocator.

parameters           Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Disable the DiskLocator for.

deviceName          Name of the Device to Disable the DiskLocator for.

deviceMac           MAC of the Device to Disable the DiskLocator for.

This required

diskLocatorId        GUID of the DiskLocator to Disable for the Device.

or this required & resolution

diskLocatorName      Name of the DiskLocator File to Disable for the Device.

One of these resolutions when needed

storeId              GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun DisableDiskLocator**

Disable a DiskLocator so all Devices that have it assigned will not make it available, even if a Device DiskLocator itself is set to be Enabled.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the DiskLocator to Disable.

or this required & resolution

diskLocatorName      Name of the DiskLocator File to Disable.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId               GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun DiskUpdateCancel**

Cancel an active Update Task for an Update Device.

parameters            Parameters needed for this Run.

This required

updateTaskId        GUID of the Update Task to Cancel.

or this required & resolution

updateTaskName      Name of the Update Task to Cancel.

One of these required

deviceId               GUID of a specific Update Device to Cancel an Update Task for.

deviceName           Name of a specific Update Device to Cancel an Update Task for.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

### **ExecuteRun DiskUpdateStart**

Starts an Update Task.

parameters            Parameters needed for this Run.

This required

updateTaskId        GUID of the Update Task to Start.

or this required & resolution

updateTaskName      Name of the Update Task to Start.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

### **ExecuteRun DisplayMessage**

Deprecated: use RunWithReturn DisplayMessage. Display a message on a Device, a Site, Collection or View.

parameters            Parameters needed for this Run.

This required

message               Message to display on the Device(s).

One of these required

deviceId              GUID of the Device to Display a Message.

deviceName           Name of the Device to Display a Message.

deviceMac             MAC of the Device to Display a Message.

collectionId          GUID of the Collection to Display a Message on all Devices.

siteViewId            GUID of the Site View to Display a Message all Devices.

farmViewId            GUID of the Farm View to Display a Message on all Devices.

farmViewName         Name of the Farm View to Display a Message on all Devices.

or one of these required & resolutions

collectionName        Name of the Collection to Display a Message on all Devices.

siteViewName         Name of the Site View to Display a Message on all Devices.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun EnableCollection**

Enable a Collection so Devices that exist in it are Enabled, if the Device itself is not set to be Disabled.

parameters      Parameters needed for this Run.

This required

collectionId     GUID of the Collection to Enable.

or this required & resolution

collectionName   Name of the Collection to Enable.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun EnableDevice**

Enable one or more Devices. If the Device's Collection is Disabled, that overrides the Device setting.

parameters      Parameters needed for this Run.

One of these required

deviceId        GUID of the Device to Enable.

deviceName      Name of the Device to Enable.

deviceMac        MAC of the Device to Enable.

collectionId     GUID of the Collection to Enable all Devices in.

siteViewId       GUID of the Site View to Enable all Devices in.

farmViewId      GUID of the Farm View to Enable all Devices in.

farmViewName    Name of the Farm View to Enable all Devices in.

or one of these required & resolutions

collectionName   Name of the Collection to Enable all Devices in.

siteViewName    Name of the Site View to Enable all Devices in.

One of these resolutions when needed

siteId	GUID of the Site.
--------	-------------------

siteName	Name of the Site.
----------	-------------------

## ExecuteRun EnableDeviceDiskLocator

Enable a Device's DiskLocator. If the DiskLocator is Disabled, that overrides the Device DiskLocator setting.

parameters	Parameters needed for this Run.
------------	---------------------------------

One of these required

deviceId	GUID of the Device to Enable the DiskLocator for.
----------	---

deviceName	Name of the Device to Enable the DiskLocator for.
------------	---

deviceMac	MAC of the Device to Enable the DiskLocator for.
-----------	--

This required

diskLocatorId	GUID of the DiskLocator to Enable for the Device.
---------------	---

or this required & resolution

diskLocatorName	Name of the DiskLocator to Enable for the Device.
-----------------	---

One of these resolutions when needed

storeId	GUID of the Store that is needed when a diskLocatorName is used.
---------	--

storeName	Name of the Store that is needed when a diskLocatorName is used.
-----------	--

## ExecuteRun EnableDiskLocator

Enable a DiskLocator so Devices that have it assigned will make it available, if the Device DiskLocator itself is not set to be Disabled.

`parameters &nbsp;` Parameters needed for this Run.

This required

diskLocatorId      GUID of the DiskLocator to Enable.

or this required & resolution

diskLocatorName	Name of the DiskLocator File to Enable.
-----------------	---

One of these resolutions when needed

siteId            GUID of the Site.

siteName	Name of the Site.
----------	-------------------

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName        Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun ExportDisk**

Export the disk stack to a manifest file.

parameters       Parameters needed for this Run.

This required

diskLocatorId    GUID of the Disk Locator that identifies the disk to export.

or this required & resolution

diskLocatorName   Name of the Disk Locator that identifies the disk to export.

Optional

version           Version to use as the start of the export. The export will include all versions starting with this to the highest one.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId           GUID of the Store that is needed when a diskLocatorName is used.

storeName        Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun ExportOemLicenses**

Oem Only: Export the Oem Licenses for the Devices to the fileName specified.

parameters       Parameters needed for this Run.

This required

fileName        Name of the file to export the Oem Licenses to. This must be a full file path name.

One of these required

deviceId        GUID of the Device, or comma-delimited list of Device GUIDs to Export Oem Licenses to the fileName specified.

**deviceName**            Name of the Device, or comma-delimited list of Device Names to Export Oem Licenses to the **fileName** specified.

**deviceMac**            MAC of the Device, or comma-delimited list of Device MACs to Export Oem Licenses to the **fileName** specified.

**collectionId**        GUID of the Collection to Export all Device Oem Licenses to the **fileName** specified.

**siteViewId**            GUID of the Site View to Export all Device Oem Licenses to the **fileName** specified.

**farmViewId**        GUID of the Farm View to Export all Device Oem Licenses to the **fileName** specified.

**farmViewName**        Name of the Farm View to Export all Device Oem Licenses to the **fileName** specified.

or one of these required & resolutions

**collectionName**        Name of the Collection to Export all Device Oem Licenses to the **fileName** specified.

**siteViewName**        Name of the Site View to Export all Device Oem Licenses to the **fileName** specified.

One of these resolutions when needed

**siteId**                GUID of the Site.

**siteName**            Name of the Site.

### **ExecuteRun ForceInventory**

Force the Inventory service to refresh its Inventory Table.

### **ExecuteRun ImportDatabase**

Import Devices from the version 4.x mdb database **fileName** specified.

**parameters**            Parameters needed for this Run.

This required

**fileName**            Name of the database mdb file to import the Devices from. This must be a full file path name.

This required

**collectionId**        GUID of the Collection to import the Devices into.

or this required & resolution

**collectionName**        Name of the Collection to import the Devices into.



One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun ImportDevices**

Import Devices from the contents of the comma or tab delimited fileName specified. Each record needs to have Device Name, Mac Address, Site Name, Collection Name, optional Description and optional Type. Description must exist for Type to be included, but it can have 0 length. Type can be 1 when it performs test of Disks, 2 when it performs maintenance on Disks, and 0 otherwise.

parameters       Parameters needed for this Run.

This required

fileName        Name of the file to import the Devices from. This must be a full file path name.

One of these optional

collectionId    GUID of the Collection to import the Devices into.

siteId           GUID of the Site to import the Devices into.

siteName        Name of the Site to import the Devices into.

or this optional & resolution

collectionName   Name of the Collection to import the Devices into.

Optional

copyTemplate    1 if the Template Device for the collection, if it exists, should be used for the property settings of the imported Devices.

doNotCreateNewSites   1 if new Sites found in the file should not be created. Default=0

doNotCreateNewCollections   1 if new Collections found in the file should not be created. Default=0

One of these resolutions when needed

siteId           GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun ImportOemLicenses**

Oem Only: Import the Oem Licenses from the contents of the fileName specified.

parameters       Parameters needed for this Run.

This required

fileName                Name of the file to import the Oem Licenses from. This must be a full file path name.

### **ExecuteRun Markdown**

Mark Down a Device, Collection, View, Server or Site.

parameters            Parameters needed for this Run.

One of these required

deviceId               GUID of the Device to Mark Down.

deviceName            Name of the Device to Mark Down.

deviceMac              MAC of the Device to Mark Down.

collectionId           GUID of the Collection to Mark Down all Devices.

siteViewId             GUID of the Site View to Mark Down all Devices.

siteId                  GUID of the Site. Can be used alone to Mark Down all Servers and Devices in the Site.

siteName               Name of the Site. Can be used alone to Mark Down all Servers and Devices in the Site.

farmViewId            GUID of the Farm View to Mark Down all Devices.

farmViewName          Name of the Farm View to Mark Down all Devices.

diskLocatorId          GUID of the DiskLocator to Mark Down all Devices.

serverId                GUID of the Server to Mark Down.

serverName            Name of the Server to Mark Down.

or one of these required & resolutions

collectionName          Name of the Collection to Mark Down all Devices.

siteViewName          Name of the Site View to Mark Down all Devices.

diskLocatorName        Name of the DiskLocator to Mark Down all Devices.

One of these resolutions when needed

siteId                  GUID of the Site.

siteName               Name of the Site.

One of these resolutions when needed

storeId                GUID of the Store that is needed when a diskLocatorName is used.

storeName              Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun MergeDisk**

Merge the Disk.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator File to Merge.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Merge.

Optional

access                Access to set the version to when merge is finished. Default value is found in the Farm mergeMode setting. Values are: 0 (Production), 1 (Test) and 2 (Maintenance), Min=0, Max=2

base                  When 1, specifies to create a new base from last base plus all updates from that base. The default is to merge all updates from the last base by default.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId               GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun PromoteDiskVersion**

Commit the changes made in the current Maintenance or a Test version. Promotes the Maintenance version or a Test version to a Test or new Production version.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator File to Promote the Disk Version of.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Promote the Disk Version of.

Optional

scheduledDate        Date/Time the new disk version will become available. Format is: YYYY-MM-DD HH:MM

testVersion        Specifies the Test version number that should be Promoted to Production.

test                Set the mode of the Maintenance version to Test when 1. Default is 0.

One of these resolutions when needed

siteId              GUID of the Site.

siteName           Name of the Site.

One of these resolutions when needed

storeId             GUID of the Store that is needed when a diskLocatorName is used.

storeName          Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun Reboot**

Deprecated: use RunWithReturn Reboot. Reboot a Device, Collection or View.

parameters        Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Reboot.

deviceName        Name of the Device to Reboot.

deviceMac          MAC of the Device to Reboot.

collectionId        GUID of the Collection to Reboot all Devices.

siteViewId         GUID of the Site View to Reboot all Devices.

farmViewId         GUID of the Farm View to Reboot all Devices.

farmViewName      Name of the Farm View to Reboot all Devices.

diskLocatorId      GUID of the DiskLocator to Reboot all Devices.

or one of these required & resolutions

collectionName     Name of the Collection to Reboot all Devices.

siteViewName       Name of the Site View to Reboot all Devices.

diskLocatorName    Name of the DiskLocator to Reboot all Devices.

Optional

message            Message to display before rebooting the Device(s). Default=The target device is being shutdown remotely by the Console.

delay               Number of seconds to delay before rebooting the Device(s). Default=10

version                Version of the Disk to Reboot all Devices for. This is used with diskLocatorId or diskLocatorName.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId              GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun RemoveAuthGroup**

Remove Farm, Site or Collection Authorization for an AuthGroup. If no Site or Collection is specified, Farm Authorization is removed for the AuthGroup.

parameters           Parameters needed for this Run.

One of these required

authGroupId          GUID of the AuthGroup to remove Authorization for.

authGroupName       Name of the AuthGroup to remove Authorization for.

One of these optional

siteId                GUID of the Site to remove Authorization for the AuthGroup.

siteName             Name of the Site to remove Authorization for the AuthGroup.

collectionId          GUID of the Collection to remove Authorization for the AuthGroup.

or this optional & resolution

collectionName       Name of the Collection to remove Authorization for the AuthGroup.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

### **ExecuteRun RemoveDevice**

Remove a Device from a View.

parameters           Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Remove.

deviceName        Name of the Device to Remove.

deviceMac         MAC of the Device to Remove.

One of these required

siteViewId         GUID of the Site View to Remove the Devices from.

farmViewId        GUID of the Farm View to Remove the Devices from.

farmViewName      Name of the Farm View to Remove the Devices from.

or this required & resolution

siteViewName       Name of the Site View to Remove the Devices from.

One of these resolutions when needed

siteId             GUID of the Site.

siteName           Name of the Site.

### **ExecuteRun RemoveDeviceFromDomain**

Remove a Device, all Devices in a Collection or View from a Domain.

parameters        Parameters needed for this Run.

One of these required

deviceId           GUID of the Device to Remove from the Domain.

deviceName        Name of the Device to Remove from the Domain.

deviceMac         MAC of the Device to Remove from the Domain.

collectionId       GUID of the Collection to Remove all Devices from the Domain.

siteViewId         GUID of the Site View to Remove all Devices from the Domain.

farmViewId        GUID of the Farm View to Remove all Devices from the Domain.

farmViewName      Name of the Farm View to Remove all Devices from the Domain.

or one of these required & resolutions

collectionName     Name of the Collection to Remove all Devices from the Domain.

siteViewName       Name of the Site View to Remove all Devices from the Domain.

Optional

domain             Domain to remove the Device(s) from. If not included, the first Domain Controller found on the Server is used.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

### **ExecuteRun RemoveDirectory**

Remove a Directory on the Server specified.

parameters      Parameters needed for this Run.

One of these required

serverId        GUID of the Server to remove a Directory from. The directory must be empty to be removed.

serverName      Name of the Server to remove a Directory from. The directory must be empty to be removed.

This required

path            Path of the Directory to remove.

### **ExecuteRun RemoveDisk**

Remove a Disk from an Update Task.

parameters      Parameters needed for this Run.

This required

diskLocatorId    GUID of the Disk Locator to Remove.

or this required & resolution

diskLocatorName    Name of the Disk Locator File to Remove.

One of these optional

updateTaskId    GUID of the Update Task to Remove a Disk.

updateTaskName    Name of the Update Task to Remove a Disk.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId        GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun RemoveDiskLocator**

Remove a Disk Locator from a Device, Collection, View, or Site.

parameters           Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator to Remove.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Remove.

One of these optional

deviceId            GUID of the Device to Remove a Disk Locator.

deviceName           Name of the Device to Remove a Disk Locator.

deviceMac            MAC of the Device to Remove a Disk Locator.

collectionId          GUID of the Collection to Remove a Disk Locator or Locators from all Devices.

siteViewId            GUID of the Site View to Remove a Disk Locator from all Devices.

farmViewId            GUID of the Farm View to Remove a Disk Locator from all Devices.

farmViewName          Name of the Farm View to Remove a Disk Locator from all Devices.

or one of these optional & resolutions

collectionName        Name of the Collection to Remove a Disk Locator or Locators from all Devices.

siteViewName          Name of the Site View to Remove a Disk Locator from all Devices.

One of these resolutions when needed

siteId                GUID of the Site.

siteName              Name of the Site.

One of these resolutions when needed

storeId                GUID of the Store that is needed when a diskLocatorName is used.

storeName              Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun ResetDatabaseConnection**

Cause the database location to be reloaded.



**ExecuteRun ResetDeviceForDomain**

Reset a Device, all Devices in a Collection or View for a Domain.

parameters            Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Reset for the Domain.

deviceName        Name of the Device to Reset for the Domain.

deviceMac        MAC of the Device to Reset for the Domain.

collectionId       GUID of the Collection to Reset all Devices for the Domain.

siteViewId        GUID of the Site View to Reset all Devices for the Domain.

farmViewId        GUID of the Farm View to Reset all Devices for the Domain.

farmViewName      Name of the Farm View to Reset all Devices for the Domain.

or one of these required & resolutions

collectionName    Name of the Collection to Reset all Devices for the Domain.

siteViewName      Name of the Site View to Reset all Devices for the Domain.

Optional

domain            Domain to Reset the Device(s) for. If not included, the first Domain Controller found on the Server is used.

organizationUnit   Organizational Unit to reset the Device(s) to. This parameter is optional. If it is not specified, the account remains in its existing OU. Child OU's should be delimited with forward slashes, e.g. "ParentOU/ChildOU". Special characters in an OU name, such as "", '#', '+', ',', '<', '>', '=', must be escaped with a backslash. For example, an OU called "commaIn,TheMiddle" must be specified as "commaIn\,TheMiddle". The old syntax of delimiting child OU's with a comma is still supported, but deprecated. Note that in this case, the child OU comes first, e.g. "ChildOU,ParentOU".

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

**ExecuteRun RestartStreamService**

Restart the Stream Service on a Server or all Servers in a Site.

parameters        Parameters needed for this Run.

One of these required

serverId	GUID of the Server to restart the Stream Service.
serverName	Name of the Server to restart the Stream Service.
siteId	GUID of the Site to restart the Stream Service on all Servers.
siteName	Name of the Site to restart the Stream Service on all Servers.

### **ExecuteRun RevertDiskVersion**

Set the existing highest version disk to Maintenance or Test mode. A specified version can be reverted to Test mode if there are no Production versions higher than it. If the mode is Test, it can be set to Maintenance.

parameters          Parameters needed for this Run.

This required

diskLocatorId      GUID of the Disk Locator File to Revert.

or this required & resolution

diskLocatorName    Name of the Disk Locator File to Revert.

Optional

version            Specifies the version number that should be Reverted to Test mode.

test                If reverting the highest version and 1 then set the access to Test, otherwise set it to Maintenance.

One of these resolutions when needed

siteId             GUID of the Site.

siteName          Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName         Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun SetOverrideVersion**

Specify a Disk Version all Production Devices will boot from.

parameters          Parameters needed for this Run.

This required

diskLocatorId      GUID of the Disk Locator File to Override the Production Version for.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Override the Production Version for.

Optional

version      Version to set as the Override Production Version. If Version is not included and if there is an Override Production Version, then no longer have it as the Override Version.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

One of these resolutions when needed

storeId      GUID of the Store that is needed when a diskLocatorName is used.

storeName      Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun Shutdown**

Deprecated: use RunWithReturn Shutdown. Shutdown a Device, Collection or View.

parameters      Parameters needed for this Run.

One of these required

deviceId      GUID of the Device to Shutdown.

deviceName      Name of the Device to Shutdown.

deviceMac      MAC of the Device to Shutdown.

collectionId      GUID of the Collection to Shutdown all Devices.

siteViewId      GUID of the Site View to Shutdown all Devices.

farmViewId      GUID of the Farm View to Shutdown all Devices.

farmViewName      Name of the Farm View to Shutdown all Devices.

diskLocatorId      GUID of the DiskLocator to Shutdown all Devices.

or one of these required & resolutions

collectionName      Name of the Collection to Shutdown all Devices.

siteViewName      Name of the Site View to Shutdown all Devices.

diskLocatorName      Name of the DiskLocator to Shutdown all Devices.

#### Optional

message            Message to display before shutting down the Device(s). Default=The target device is being shutdown remotely by the Console.

delay             Number of seconds to delay before shutting down the Device(s). Default=10

version            Version of the Disk to Shutdown all Devices for. This is used with diskLocatorId or diskLocatorName.

One of these resolutions when needed

siteId             GUID of the Site.

siteName           Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName           Name of the Store that is needed when a diskLocatorName is used.

#### **ExecuteRun StartDeviceDiskTempVersionMode**

Set a Temporary Disk Version for the specified Device and optional DiskLocator. The Temporary Disk Version uses the production version that all production Devices boot from. Once set, the Device boots this Temporary Disk Version instead of any currently assigned vDisk. Not supported for non-production and Personal vDisk Devices. Cannot be done when the the Device already has a Temporary Disk Version, when the DiskLocator is using server side persistent cache mode or the active production version is in private mode.

parameters           Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to start to use a temporary disk version.

deviceName           Name of the Device to start to use a temporary disk version.

deviceMac            MAC of the Device to start to use a temporary disk version.

This optional

diskLocatorId           GUID of the Disk Locator to use a temporary version of. If not specified, the only Disk Locator assigned to the Device is used.

or this optional & resolution

diskLocatorName           Name of the Disk Locator to use a temporary version of. If not specified, the only Disk Locator assigned to the Device is used.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName        Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun StartStreamService**

Start the Stream Service on a Server or all Servers in a Site.

parameters       Parameters needed for this Run.

One of these required

serverId         GUID of the Server to start the Stream Service.

serverName       Name of the Server to start the Stream Service.

siteId            GUID of the Site to start the Stream Service on all Servers.

siteName         Name of the Site to start the Stream Service on all Servers.

### **ExecuteRun StopDeviceDiskTempVersionMode**

Unset the Temporary Disk Version for the specified Device. The Device must not currently be booted. Once removed, the Device again uses any currently assigned vDisk when booted.

parameters       Parameters needed for this Run.

One of these required

deviceId         GUID of the Device to no longer use a temporary disk version for.

deviceName       Name of the Device to no longer use a temporary disk version for.

deviceMac        MAC of the Device to no longer use a temporary disk version for.

diskLocatorId    GUID of the DiskLocator to no longer use temporary disk versions for.

siteId            GUID of the Site for resolution of the diskLocatorName.

siteName         Name of the Site for resolution of the diskLocatorName.

or this required & resolution

diskLocatorName   Name of the DiskLocator to no longer use temporary disk versions for.

This optional & resolution

version           Version of the DiskLocator to no longer use temporary disk versions for.

One of these resolutions when needed

siteId            GUID of the Site.

siteName            Name of the Site.

One of these resolutions when needed

diskLocatorId        GUID of the DiskLocator to no longer use temporary disk versions for.

diskLocatorName      Name of the DiskLocator to no longer use temporary disk versions for.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun StopStreamService**

Stop the Stream Service on a Server or all Servers in a Site.

parameters            Parameters needed for this Run.

One of these required

serverId            GUID of the Server to stop the Stream Service.

serverName            Name of the Server to stop the Stream Service.

siteId            GUID of the Site to stop the Stream Service on all Servers.

siteName            Name of the Site to stop the Stream Service on all Servers.

### **ExecuteRun UnlockAllDisk**

Remove all locks for a Disk.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator to remove all locks for the Disk.

or this required & resolution

diskLocatorName      Name of Disk Locator to remove all locks for the Disk.

One of these resolutions when needed

siteId            GUID of the Site.

siteName            Name of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun UnlockDisk**

Remove lock for the Disk.

parameters            Parameters needed for this Run.

This required

diskLocatorId        GUID of the Disk Locator to remove a lock for the Disk.

or this required & resolution

diskLocatorName     Name of the Disk Locator to remove a lock for the Disk.

Optional

ownerId              GUID of the Owner of the Disk Lock.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

One of these resolutions when needed

storeId              GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

### **ExecuteRun ValidateDirectory**

Validate a Directory on the Server specified.

parameters            Parameters needed for this Run.

One of these required

serverId              GUID of the Server to validate a Directory on.

serverName            Name of the Server to validate a Directory on.

This required

path                 Path of the Directory to validate.

This optional

readOnly              1 when the directory should be validated for a managed read-only store.

**ExecuteRunWithReturn**

```
MapiReturn ExecuteRunWithReturn(string command,  
List<KeyValuePair<string, string>> parameters,  
out string rv);
```

**ExecuteRunWithReturn Boot**

Boot a Device, Collection or View. Returns a taskId of the Task being run. With the taskId, call Return-WithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

parameters            Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Boot.

deviceName            Name of the Device to Boot.

deviceMac            MAC of the Device to Boot.

collectionId            GUID of the Collection to Boot all Devices.

siteViewId            GUID of the Site View to Boot all Devices.

farmViewId            GUID of the Farm View to Boot all Devices.

farmViewName            Name of the Farm View to Boot all Devices.

deviceIdList            Comma delimited list of GUIDs of the Devices to Boot. Maximum length is 8000 characters.

deviceNameList            Comma delimited list of Names of the Devices to Boot. Maximum length is 8000 characters.

deviceMacList            Comma delimited list of MACs of the Devices to Boot. Maximum length is 8000 characters.

or one of these required & resolutions

collectionName            Name of the Collection to Boot all Devices.

siteViewName            Name of the Site View to Boot all Devices.

One of these resolutions when needed

siteId            GUID of the Site.



siteName            Name of the Site.

rv                  If successful, this rv is filled with a string.

### **ExecuteRunWithReturn CommandActions**

Get a comma delimited list of Command Actions.

rv                  If successful, this rv is filled with a string.

### **ExecuteRunWithReturn CreateDisk**

Create a Disk and the Disk Locator for it. Return the GUID of the DiskLocator created. If "" is returned as the GUID, then call CreateDiskStatus to get the final GUID when processing finishes.

parameters        Parameters needed for this Run.

This required

name              Name of the Disk file to be created.

This required

size              Size of the disk in Megabytes for a fixed size disk. Maximum size in Megabytes for a dynamically sized disk. Min=1, VHD Max=2088960, VHDX Max=67108864

One of these required

storeId            GUID of the Store that the Disk will be a member of.

storeName        Name of the Store that the Disk will be a member of.

One of these required

siteId            GUID of the Site.

siteName        Name of the Site.

One of these optional

serverId        GUID of the only Server for this Disk.

serverName      Name of the only Server for this Disk.

Optional

description      Description of the Disk that will be placed in the Disk Locator.

enabled        The Disk will be created disabled if set to 0. It is created Enabled by default. Default=1

format        Format of the image. Values are: 0 (VHD), 1 (VHDX), Default=0

type            Type that will be created. 1 for dynamic, or 0 for fixed. Default=1 for VHDX, 0 for VHD

**vhdBlockSize**            Block size in KB. For VHD it is only used with Dynamic type. Tested sizes for VHD are 512, 2048, and 16384. VHD Min=512, Max=16384, Default=2048. For VHDX it is used for all types. Tested size for VHDX is 32768. VHDX Min=1024, Max= 262144, Default=32768.

**logicalSectorSize**       Only used with VHDX format. Logical Sector Size. Values are: 512, 4096, Default=512

**rv**                        If successful, this rv is filled with a string.

### **ExecuteRunWithReturn CreateDiskStatus**

Get the Percent Finished for an active CreateDisk. When finished, the GUID of the DiskLocator created is returned.

**parameters**            Parameters needed for this Run.

This required

**name**                    Name of the Disk file that is being created.

One of these required

**storeId**                GUID of the Store that the Disk will be a member of.

**storeName**            Name of the Store that the Disk will be a member of.

**rv**                        If successful, this rv is filled with a string.

### **ExecuteRunWithReturn CreateMaintenanceVersion**

Create a Maintenance version for the Disk Locator. Return the name of the new version file.

**parameters**            Parameters needed for this Run.

This required

**diskLocatorId**        GUID of the Disk Locator File to Enable Disk Maintenance on.

or this required & resolution

**diskLocatorName**     Name of the Disk Locator File to Enable Disk Maintenance on.

One of these resolutions when needed

**siteId**                  GUID of the Site.

**siteName**            Name of the Site.

One of these resolutions when needed

**storeId**                GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

rv                    If successful, this rv is filled with a string.

### **ExecuteRunWithReturn DeviceCount**

Get count of Devices in a Collection or View.

parameters           Parameters needed for this Run.

One of these required

collectionId           GUID of the Collection to get the Device Count of.

siteViewId            GUID of the Site View to get the Device Count of.

farmViewId            GUID of the Farm View to get the Device Count of.

farmViewName           Name of the Farm View to get the Device Count of.

or one of these required & resolutions

collectionName           Name of the Collection to get the Device Count of.

siteViewName           Name of the Site View to get the Device Count of.

One of these resolutions when needed

siteId                GUID of the Site.

siteName              Name of the Site.

rv                    If successful, this rv is filled with a string.

### **ExecuteRunWithReturn DiskLocatorCount**

Get count of Disk Locators for a Site and Type.

parameters           Parameters needed for this Run.

One of these required

siteId                GUID of the Site to get the Disk Locator Count of.

siteName              Name of the Site to get the Disk Locator Count of.

One of these optional

single                Include single server connection when set to 1. If this and All are not included, both connection types are included.

all                    Include all server connections for the store when set to 1. If this and Single are not included, both connection types are included.

rv                    If successful, this rv is filled with a string.

### **ExecuteRunWithReturn DisplayMessage**

Display a message on a Device, a Site, Collection or View. Returns a taskId of the Task being run. With the taskId, call ReturnWithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

parameters            Parameters needed for this Run.

This required

message                Message to display on the Device(s).

One of these required

deviceId                GUID of the Device to Display a Message.

deviceName             Name of the Device to Display a Message.

deviceMac                MAC of the Device to Display a Message.

collectionId            GUID of the Collection to Display a Message on all Devices.

siteViewId              GUID of the Site View to Display a Message all Devices.

farmViewId              GUID of the Farm View to Display a Message on all Devices.

farmViewName           Name of the Farm View to Display a Message on all Devices.

deviceIdList            Comma delimited list of GUIDs of the Devices to Display a Message. Maximum length is 8000 characters.

deviceNameList         Comma delimited list of Names of the Devices to Display a Message. Maximum length is 8000 characters.

deviceMacList           Comma delimited list of MACs of the Devices to Display a Message. Maximum length is 8000 characters.

or one of these required & resolutions

collectionName          Name of the Collection to Display a Message on all Devices.

siteViewName            Name of the Site View to Display a Message on all Devices.

One of these resolutions when needed

siteId                    GUID of the Site.

siteName                 Name of the Site.

rv                        If successful, this rv is filled with a string.

**ExecuteRunWithReturn Enabled**

Return 1 if a Collection, Device, DiskLocator, or Device/DiskLocator is enabled. If a collectionName or diskLocatorName is specified, siteName or siteId must be included. If both the Device and DiskLocator are specified, the Enabled setting for the combination is returned.

parameters            Parameters needed for this Run.

This optional

collectionId            Collection GUID, to see if it is enabled.

or this optional & resolution

collectionName            Collection name, to see if it is enabled.

One of these optional

deviceId                Device GUID, to see if it is enabled. If diskLocatorName or diskLocatorId are also included the enabled setting for the combination is returned.

deviceName            Device name, to see if it is enabled. If diskLocatorName or diskLocatorId are also included the enabled setting for the combination is returned.

deviceMac                MAC of the Device, to see if it is enabled. If diskLocatorName or diskLocatorId are also included the enabled setting for the combination is returned.

This optional

diskLocatorId            DiskLocator GUID, to see if it is enabled. If deviceName or deviceId are also included the enabled setting for the combination is returned.

or this optional & resolution

diskLocatorName            DiskLocator name, to see if it is enabled. If deviceName or deviceId are also included the enabled setting for the combination is returned.

One of these resolutions when needed

siteName                Name of the Site.

siteId                    GUID of the Site.

One of these resolutions when needed

storeId                GUID of the Store that is needed when a diskLocatorName is used.

storeName                Name of the Store that is needed when a diskLocatorName is used.

rv                        If successful, this rv is filled with a string.

**ExecuteRunWithReturn Exists**

Return 1 if a Site, Server, Collection, View, Device, Store, Update Task or Virtual Hosting Pool Name is already used. If a collectionName, siteViewName, updateTaskName or virtualHostingPoolName is specified, siteName or siteld must be included.

parameters            Parameters needed for this Run.

One of these required

siteName            Name of the Site.

serverName            Server name, to see if it is already used in the Farm.

farmViewName            Farm View name, to see if it is already used in the Farm.

deviceName            Device name, to see if it is already used in the Farm.

deviceMac            Device MAC, to see if it is already used in the Farm.

storeName            Store name, to see if it is already used.

or one of these required & resolutions

collectionName            Collection name, to see if it is already used in a Site.

siteViewName            Site View name, to see if it is already used in the Site.

virtualHostingPoolName    Virtual Hosting Pool name, to see if it is already used in a Site.

updateTaskName            Update Task name, to see if it is already used in a Site.

diskLocatorName            DiskLocator name, to see if it is already used in a Site.

One of these resolutions when needed

siteName            Name of the Site.

siteld            GUID of the Site.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

rv            If successful, this rv is filled with a string.

**ExecuteRunWithReturn ImportDisk**

Import a Disk. It will add a Disk Locator for the Disk to the Site. A manifest file must exist in the Store. The return value is the GUID of the DiskLocator added.

parameters            Parameters needed for this Run.

This required & resolution

**diskLocatorName**            Name of the Disk Locator File. It is unique within the Store. ASCII Max Length=52

One of these optional

**serverId**                GUID of the single Server that this Disk Locator is assigned to. It is not used with **serverName**. Default=null Length=36

**serverName**            Name of the single Server that this Disk Locator is assigned to. It is not used with **serverId**. Default=null

Optional

**description**            User description. Default="" Max Length=250

**menuText**            Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64

**enabled**                1 when this disk can be booted, 0 otherwise. Default=1

**rebalanceEnabled**        1 when this Server can automatically rebalance Devices, 0 otherwise. Default=0

**rebalanceTriggerPercent**    Percent over fair load that triggers a dynamic Device rebalance. Min=5, Max=5000, Default=25

**subnetAffinity**        Qualifier for subnet affinity when assigning a Server. 0=None, 1=Best Effort, 2=Fixed. Min=0, Max=2, Default=0

**format**                Format of the image. Values are: 0 (VHD), 1 (VHDX), Default=0

One of these resolutions when needed

**siteId**                GUID of the Site.

**siteName**            Name of the Site.

One of these resolutions when needed

**storeId**                GUID of the Store that is needed when a **diskLocatorName** is used.

**storeName**            Name of the Store that is needed when a **diskLocatorName** is used.

**rv**                    If successful, this rv is filled with a string.

### **ExecuteRunWithReturn ListDirectories**

Look for Directories or Drives on the Server specified. Return a comma delimited list of the Directories or Drives found.

parameters          Parameters needed for this Run.

One of these required

serverId            GUID of the Server to get a list of Directories or Drives.

serverName          Name of the Server to get a list of Directories or Drives.

Optional

path                Path to get list of Directories for. If not specified, the Drives are returned.

rv                   If successful, this rv is filled with a string.

### **ExecuteRunWithReturn MaintenanceVersionExists**

Return 1 if the if the DiskLocator has a maintenance version, 0 otherwise.

parameters          Parameters needed for this Run.

This required

diskLocatorId        DiskLocator GUID, to see if it has a maintenance version.

or this required & resolution

diskLocatorName      DiskLocator name, to see if it has a maintenance version.

One of these resolutions when needed

siteId                GUID of the Site.

siteName            Name of the Site.

One of these resolutions when needed

storeId               GUID of the Store that is needed when a diskLocatorName is used.

storeName            Name of the Store that is needed when a diskLocatorName is used.

rv                    If successful, this rv is filled with a string.

### **ExecuteRunWithReturn MappedDiskId**

If there is currently a mapped disk, return the diskLocatorId of the mapped disk.

parameters          Parameters needed for this Run.

One of these optional

serverId            GUID of the Server.

serverName          Name of the Server.



One of these optional

storeId            GUID of the Store.

storeName        Name of the Store.

rv                If successful, this rv is filled with a string.

### **ExecuteRunWithReturn MappedDriveLetter**

If there is currently a Mapped Drive, return the Letter of the Drive.

rv                If successful, this rv is filled with a string.

### **ExecuteRunWithReturn MinimumLastAutoAddDeviceNumber**

Get the minimum that the Device Number of the last Auto Added Device can be.

parameters       Parameters needed for this Run.

This required

collectionId      GUID of the Collection to get the Minimum lastAutoAddDeviceNumber for.

or this required & resolution

collectionName    Name of the Collection to get the Minimum lastAutoAddDeviceNumber for.

Optional

autoAddPrefix     The string put before the Device Number for Auto Add.

autoAddSuffix     The string put after the Device Number for Auto Add.

autoAddNumberLength    The maximum length of the Device Number for Auto Add. This length plus the autoAddPrefix length plus the autoAddSuffix length must be less than 16.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

rv                If successful, this rv is filled with a string.

### **ExecuteRunWithReturn RebalanceDevices**

Rebalance Devices for a Server. When successful, returns the number of Devices affected.

parameters       Parameters needed for this Run.

One of these required

serverId            GUID of the Server to Rebalance Devices on, serverName.

serverName        Name of the Server to Rebalance Devices on, serverId.

rv                If successful, this rv is filled with a string.

### **ExecuteRunWithReturn Reboot**

Reboot a Device, Collection or View. Returns a taskId of the Task being run. With the taskId, call Return-WithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

parameters        Parameters needed for this Run.

One of these required

deviceId          GUID of the Device to Reboot.

deviceName        Name of the Device to Reboot.

deviceMac        MAC of the Device to Reboot.

collectionId      GUID of the Collection to Reboot all Devices.

siteViewId        GUID of the Site View to Reboot all Devices.

farmViewId        GUID of the Farm View to Reboot all Devices.

farmViewName     Name of the Farm View to Reboot all Devices.

diskLocatorId     GUID of the DiskLocator to Reboot all Devices.

deviceIdList      Comma delimited list of GUIDs of the Devices to Reboot. Maximum length is 8000 characters.

deviceNameList    Comma delimited list of Names of the Devices to Reboot. Maximum length is 8000 characters.

deviceMacList     Comma delimited list of MACs of the Devices to Reboot. Maximum length is 8000 characters.

or one of these required & resolutions

collectionName    Name of the Collection to Reboot all Devices.

siteViewName      Name of the Site View to Reboot all Devices.

diskLocatorName   Name of the DiskLocator to Reboot all Devices.

Optional

**message**            Message to display before rebooting the Device(s). Default=The target device is being shutdown remotely by the Console.

**delay**            Number of seconds to delay before rebooting the Device(s). Default=10

**version**            Version of the Disk to Reboot all Devices for. This is used with diskLocatorId or diskLocatorName.

One of these resolutions when needed

**siteId**            GUID of the Site.

**siteName**            Name of the Site.

One of these resolutions when needed

**storeId**            GUID of the Store that is needed when a diskLocatorName is used.

**storeName**            Name of the Store that is needed when a diskLocatorName is used.

**rv**            If successful, this rv is filled with a string.

### **ExecuteRunWithReturn ReportBug**

Report a bug at individual server level or at site level. Return the id of the long running task.

**parameters**            Parameters needed for this Run.

One of these required

**siteId**            GUID of the Site.

**serverId**            GUID of the Server.

or one of these required & resolutions

**siteName**            Name of the Site.

**serverName**            Name of the Server.

This required

**Summary**            Short summary describing the problem.

This optional

**srNumber**            Service Request number of the reported problem.

This optional

**Description**            Description of the reported problem.

This optional

**Path**            Path where problem report bundle is saved.

This optional

DateTime            DateTime around which the reported problem occurred.

rv                  If successful, this rv is filled with a string.

### **ExecuteRunWithReturn ServerCount**

Get count of Servers in a Site.

parameters           Parameters needed for this Run.

One of these required

siteId              GUID of the Site to get the Server Count of.

siteName           Name of the Site to get the Server Count of.

rv                  If successful, this rv is filled with a string.

### **ExecuteRunWithReturn ServerName**

Return the name of the Server the SoapServer is running on.

rv                  If successful, this rv is filled with a string.

### **ExecuteRunWithReturn ServerStoreActiveDeviceCount**

Get the count of Devices currently connected to any vdisk served from the Store by the Server.

parameters           Parameters needed for this Run.

One of these required

serverId           GUID of the Server.

serverName        Name of the Server.

One of these required

storeId            GUID of the Store.

storeName         Name of the Store.

rv                  If successful, this rv is filled with a string.

**ExecuteRunWithReturn Shutdown**

Shutdown a Device, Collection or View. Returns a taskId of the Task being run. With the taskId, call ReturnWithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

parameters            Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Shutdown.

deviceName            Name of the Device to Shutdown.

deviceMac            MAC of the Device to Shutdown.

collectionId            GUID of the Collection to Shutdown all Devices.

siteViewId            GUID of the Site View to Shutdown all Devices.

farmViewId            GUID of the Farm View to Shutdown all Devices.

farmViewName            Name of the Farm View to Shutdown all Devices.

diskLocatorId            GUID of the DiskLocator to Shutdown all Devices.

deviceIdList            Comma delimited list of GUIDs of the Devices to Shutdown. Maximum length is 8000 characters.

deviceNameList            Comma delimited list of Names of the Devices to Shutdown. Maximum length is 8000 characters.

deviceMacList            Comma delimited list of MACs of the Devices to Shutdown. Maximum length is 8000 characters.

or one of these required & resolutions

collectionName            Name of the Collection to Shutdown all Devices.

siteViewName            Name of the Site View to Shutdown all Devices.

diskLocatorName            Name of the DiskLocator to Shutdown all Devices.

Optional

message            Message to display before shutting down the Device(s). Default=The target device is being shutdown remotely by the Console.

delay            Number of seconds to delay before shutting down the Device(s). Default=10

version            Version of the Disk to Shutdown all Devices for. This is used with diskLocatorId or diskLocatorName.

One of these resolutions when needed

siteId            GUID of the Site.

siteName        Name of the Site.

One of these resolutions when needed

storeId         GUID of the Store that is needed when a diskLocatorName is used.

storeName       Name of the Store that is needed when a diskLocatorName is used.

rv               If successful, this rv is filled with a string.

### **ExecuteRunWithReturn StoreFreeSpace**

Get the free megabytes available in the Store.

parameters      Parameters needed for this Run.

One of these required & resolutions

storeId         GUID of the Store.

storeName       Name of the Store.

One of these resolutions when needed

serverId         GUID of the Server to use to determine the free space in the Store.

serverName      Name of the Server to use to determine the free space in the Store.

siteId           GUID of the Site.

siteName        Name of the Site.

rv               If successful, this rv is filled with a string.

### **ExecuteRunWithReturn TaskStatus**

Get the status of a Task in percent complete.

parameters      Parameters needed for this Run.

This required

taskId           Id of the Task to get the Status of.

rv               If successful, this rv is filled with a string.

**ExecuteRunWithReturn UpdateBDM**

Update the BDM Partition for a Device, Collection or View. Returns a taskId of the Task being run. With the taskId, call ReturnWithReturn TaskStatus to get the percent complete, Get Task to get the results, and Run CancelTask to stop it early. The Task result has the deviceName/value of the devices that succeeded in the first name/value pair of each record of the XML.

parameters            Parameters needed for this Run.

One of these required

deviceId            GUID of the Device to Update.

deviceName            Name of the Device to Update.

collectionId            GUID of the Collection to Update all BDM Devices.

siteViewId            GUID of the Site View to Update all BDM Devices.

farmViewId            GUID of the Farm View to Update all BDM Devices.

farmViewName            Name of the Farm View to Update all BDM Devices.

deviceIdList            Comma delimited list of GUIDs of the Devices to Update. Maximum length is 8000 characters.

deviceNameList            Comma delimited list of names of the Devices to Update. Maximum length is 8000 characters.

or one of these required & resolutions

collectionName            Name of the Collection to Update all BDM Devices.

siteViewName            Name of the Site View to Update all BDMDevices.

One of these resolutions when needed

siteId            GUID of the Site.

siteName            Name of the Site.

rv            If successful, this rv is filled with a string.

**ExecuteRunWithReturn UploadCeip**

Perform a one time upload of CEIP data. Return upload Id if successful.

parameters            Parameters needed for this Run.

This optional

oneTimeUpload            1 to perform a one time upload.

rv            If successful, this rv is filled with a string.

## ExecuteSet

```
MapiReturn ExecuteSet(string command,  
List<KeyValuePair<string, string>> parameters,  
List<KeyValuePair<string, string>> fields);
```

## ExecuteSet AuthGroup

Set one or more field values for an AuthGroup.

parameters Parameters needed to identify the record to be changed.

One of these required

authGroupId	GUID of the AuthGroup to Set.
-------------	-------------------------------

authGroupName	Name of the AuthGroup to Set.
---------------	-------------------------------

record	Record containing the new values for fields to be changed.
--------	--

authGroupName	Name of the Active Directory or Windows Group. Max Length=450
---------------	---

description	User description. Default=""Max Length=250
-------------	--

## ExecuteSet CeipData

Set one or more field values for CEIP data.

parameters Parameters needed to identify the record to be changed.

Optional

uuid CEIP UUID of this Farm. This is optional since there is only one.

record	Record containing the new values for fields to be changed.
--------	--

[illegible]

nextUpload	Date and time next CEIP upload is due if enabled is 1. Default=null
------------	---

inProgress	1 if an upload is currently in progress, otherwise 0. Default=0
------------	---

serverId	ID of server that is currently uploading, null if inProgress is 0. Default=null Length=36
----------	---

oneTimeUpload      1 to perform a one time upload. Default=0



### **ExecuteSet CisData**

Set one or more field values for CIS data.

parameters            Parameters needed to identify the record to be changed.

Optional

cisDataId            CIS UUID of this Farm. This is optional since there is only a single record.

record                Record containing the new values for fields to be changed.

userName            Username used to obtain the token Default=null Max Length=255

path                 Path where the last problem report bundle was saved Default=null Max Length=255

password            Password of the user required to obtain the token. This is required only by Set and Add

### **ExecuteSet Collection**

Set one or more field values for a Collection.

parameters            Parameters needed to identify the record to be changed.

This required

collectionId           GUID of the Collection to Set.

or this required & resolution

collectionName        Name of the Collection to Set.

One of these resolutions when needed

siteId                GUID of the Site.

siteName             Name of the Site.

record                Record containing the new values for fields to be changed.

collectionName        Name of the Collection. It is unique within the Site. Max Length=50

description           User description. Default="" Max Length=250

templateDeviceId      GUID of a Device in the Collection whose settings are used for initial values of new Devices. Not used with templateDeviceName. Default=null Length=36

templateDeviceName    Name of a Device in the Collection whose settings are used for initial values of new Devices. Not used with templateDeviceId. Default=null

lastAutoAddDeviceNumber   The Device Number of the last Auto Added Device. Default=0

enabled                1 when Devices in the Collection can be booted, 0 otherwise. Default=1

**autoAddPrefix**      The string put before the Device Number for Auto Add. Default=null ASCII computer name characters no end digit Max Length=12

**autoAddSuffix**      The string put after the Device Number for Auto Add. Default=null ASCII computer name characters no begin digit Max Length=12

**autoAddZeroFill**      1 when zeros be placed before the Device Number up to the autoAddNumberLength for Auto Add, 0 otherwise. Default=1

**autoAddNumberLength**      The maximum length of the Device Number for Auto Add. This length plus the autoAddPrefix length plus the autoAddSuffix length must be less than 16. Required that  $((\text{lenautoAddPrefix} + \text{lenautoAddSuffix}) + \text{autoAddNumberLength}) \leq 15$ . Min=3, Max=9, Default=4

### **ExecuteSet Device**

Set one or more field values for one or more Devices.

**parameters**          Parameters needed to identify the record to be changed.

One of these required

**deviceId**              GUID of the Device to Set.

**deviceName**          Name of the Device to Set.

**deviceMac**            MAC of the Device to Set.

**collectionId**          GUID of the Collection to set all Devices. **deviceName** and **deviceMac** cannot be set.

**siteViewId**            GUID of the Site View to set all Devices. **deviceName** and **deviceMac** cannot be set.

**farmViewId**            GUID of the Farm View to set all Devices. **deviceName** and **deviceMac** cannot be set.

**farmViewName**          Name of the Farm View to set all Devices. **deviceName** and **deviceMac** cannot be set.

or one of these required & resolutions

**collectionName**          Name of the Collection to set all Devices. **deviceName** and **deviceMac** cannot be set.

**siteViewName**          Name of the Site View to set all Devices. **deviceName** and **deviceMac** cannot be set.

One of these resolutions when needed

**siteId**                  GUID of the Site.

**siteName**                Name of the Site.

record	Record containing the new values for fields to be changed.
deviceName	Computer name with no spaces. ASCII computer name characters Max Length=15
description	User description. Default="" Max Length=250
deviceMac	Ethernet address as a string in the form XX-XX-XX-XX-XX-XX. Uniquely identifies the Device. Length=17
bootFrom	Device to boot from. Choices are 1 for vDisk, 2 for Hard Disk, and 3 for Floppy. This cannot be Set for a Device with Personal vDisk. Min=1, Max=3, Default=1
className	Used by Automatic Update feature to match new versions of Disks to a Device. This cannot be Set for a Device with Personal vDisk. Default="" Max Length=41
port	UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901
enabled	1 when it can be booted, 0 otherwise. This cannot be Set for a Device with Personal vDisk. Default=1
localDiskEnabled	If there is a local disk menu choice for the Device, this is 1. This cannot be Set for a Device with Personal vDisk. Default=0
authentication	Device log in authentication. Choices are 0 for none, 1 for User Name/Password, and 2 for Extern. This cannot be Set for a Device with Personal vDisk. Min=0, Max=2, Default=0
user	Name of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=20
password	Password of user to authenticate before the boot process continues. This cannot be Set for a Device with Personal vDisk. Default="" ASCII Max Length=100
adTimestamp	The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0
adSignature	The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0
adPassword	The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" ASCII Max Length=256
logLevel	Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0
domainName	Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255
domainObjectSID	The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186
domainControllerName	The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000

**domainTimeCreated** The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null

**type** 1 when it performs test of Disks, 2 when it performs maintenance on Disks, 3 when it has a Personal vDisk, 4 when it has a Personal vDisk and performs tests, 0 otherwise. A Device with type 0 - 3 can only be Set to 0 - 3, and a Device with type 3 - 4 can only be Set to 3 - 4. Min=0, Max=4, Default=0

**localWriteCacheDiskSize** The size in GB to format the Device cache file disk. If the value is 0, then the disk is not formatted. Min=0, Max=2048, Default=0

**bdmBoot** Use PXE boot when set to 0, BDM boot when set to 1. Default is PXE Default=0

**bdmType** Use PXE boot when set to 0, BDM (Bios) boot when set to 1 and BDM (Uefi) boot when set to 2. Default=0

**bdmFormat** 1 use VHD for BDMboot, 2 use ISO, 3 use USB. Default=0

**bdmUpdated** Timestamp of the last BDM boot disk update. Default=null

**bdmCreated** Timestamp when BDM device was created Default=null

**xsPvsProxyUuid** UUID of XenServer PVS\_proxy Default=null Length=36

**enableXsProxy** Enable XenServerProxy when set to 1 Default=null

### **ExecuteSet Disk**

Set one or more field values for a Disk.

**parameters** Parameters needed to identify the record to be changed.

This required

**diskLocatorId** GUID of the Disk Locator.

or this required & resolution

**diskLocatorName** Name of the Disk Locator.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

One of these resolutions when needed

**storeId** GUID of the Store that is needed when a diskLocatorName is used.

**storeName** Name of the Store that is needed when a diskLocatorName is used.

**record** Record containing the new values for fields to be changed.

class	Class of the Disk. Max Length=40
imageType	Type of this image (software type). Max Length=40
writeCacheSize	RAM cache size (MB). Not 0 when used with Cache in Device RAM, and Cache in Device RAM with Overflow on Hard Disk. A value of 0 will disable the RAM use for Cache in Device RAM with Overflow on Hard Disk. Min=0, Max=131072, Default=0
autoUpdateEnabled	Automatically update this image for matching Devices when set to 1. Default 0
activationDateEnabled	Use activation date to activate image when set to 1. Default 0
adPasswordEnabled	Enable AD password management when set to 1.
haEnabled	Enable HA when set to 1.
printerManagementEnabled	Invalid printers will be deleted from the Device when set to 1.
writeCacheType	0 (Private), 1 (Cache on Server), 3 (Cache in Device RAM), 4 (Cache on Device Hard Disk), 7 (Cache on Server, Persistent), 9 (Cache in Device RAM with Overflow on Hard Disk), 10 (Private async), 11(Server persistent async), 12 (Cache in Device RAM with Overflow on Hard Disk async) Min=0, Max=12, Default=0
licenseMode	0 (None), 1 (Multiple Activation Key), or 2 (Key Management Service). Min=0, Max=2, Default=0
accelerateOfficeActivation	Run script to activate office automatically.
activeDate	Date to activate the disk if autoUpdateEnabled and activationDateEnabled are 1. Format is yyyy/mm/dd. Empty when the autoUpdateEnabled or activationDateEnabled are 0.
longDescription	Description of the Disk. Max Length=399
operatingSystem	Operating System of Disk. Max Length=250
osType	Operating System Type of Disk. Max Length=40
serialNumber	User defined serial number. Max Length=36
date	User defined date. Max Length=40
author	User defined author. Max Length=40
title	User defined title. Max Length=40
company	User defined company. Max Length=40
internalName	User defined name. Max Length=63
originalFile	User defined original file. Max Length=127
hardwareTarget	User defined hardware target. Max Length=127

majorRelease      User defined major release number. Min=0, Max=4294967295, Default=0  
minorRelease      User defined minor release number. Min=0, Max=4294967295, Default=0  
build              User defined build number. Min=0, Max=4294967295, Default=0  
clearCacheDisabled    Clear cached secrets disabled.  
format              Format of the image. Values are: 0 (VHD), 1 (VHDX). Default=0

### **ExecuteSet DiskLocator**

Set one or more field values for a Disk Locator.

parameters          Parameters needed to identify the record to be changed.

This required

diskLocatorId        GUID of the Disk Locator to Set.

or this required & resolution

diskLocatorName      Name of the Disk Locator File to Set.

One of these resolutions when needed

siteId                GUID of the Site.

siteName              Name of the Site.

One of these resolutions when needed

storeId                GUID of the Store that is needed when a diskLocatorName is used.

storeName              Name of the Store that is needed when a diskLocatorName is used.

record                Record containing the new values for fields to be changed.

description            User description. Default="" Max Length=250

menuText              Text that is displayed in the Boot Menu. If this field has no value, the name value is used. Default="" ASCII Max Length=64

serverId                GUID of the single Server that this Disk Locator is assigned to. It is not used with serverName. Default=null Length=36

serverName              Name of the single Server that this Disk Locator is assigned to. It is not used with serverId. Default=null

enabled                1 when this disk can be booted, 0 otherwise. Default=1

rebalanceEnabled        1 when this Server can automatically rebalance Devices, 0 otherwise. Default=0

**rebalanceTriggerPercent** Percent over fair load that triggers a dynamic Device rebalance. Min=5, Max=5000, Default=25

**subnetAffinity** Qualifier for subnet affinity when assigning a Server. 0=None, 1=Best Effort, 2=Fixed. Min=0, Max=2, Default=0

### **ExecuteSet DiskUpdateDevice**

Set one or more field values for one or more Disk Update Devices.

**parameters** Parameters needed to identify the record to be changed.

One of these required

**deviceId** GUID of the Disk Update Device to Set.

**deviceName** Name of Disk Update Device to Set.

**deviceMac** MAC of Disk Update Device to Set.

**siteId** GUID of the Site. Can be used alone to Set all Disk Update Devices in the Site.

**siteName** Name of the Site. Can be used alone to Set all Disk Update Devices in the Site.

**diskLocatorId** GUID of the DiskLocator to Set the Disk Update Device for.

or this required & resolution

**diskLocatorName** Name of the DiskLocator to Set the Disk Update Device for.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

One of these resolutions when needed

**storeId** GUID of the Store that is needed when a diskLocatorName is used.

**storeName** Name of the Store that is needed when a diskLocatorName is used.

**record** Record containing the new values for fields to be changed.

**description** User description. Default="" Max Length=250

**port** UDP port to use with Stream Service. Min=1025, Max=65534, Default=6901

**adTimestamp** The time the Active Directory machine account password was generated. Do not set this field, it is only set internally by PVS. Default=0

**adSignature** The signature of the Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default=0

**logLevel** Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=0

**domainName** Fully qualified name of the domain that the Device belongs to. Do not set this field, it is only set internally by PVS. Default=null Max Length=255

**domainObjectSID** The value of the objectSID AD attribute of the same name for the Device's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=186

**domainControllerName** The name of the DC used to create the host's computer account. Do not set this field, it is only set internally by PVS. Default=null Max Length=4000

**domainTimeCreated** The time that the computer account was created. Do not set this field, it is only set internally by PVS. Format is: YYYY-MM-DD HH:MM:SS.SSS Default=null

**adPassword** The Active Directory machine account password. Do not set this field, it is only set internally by PVS. Default="" Max Length=256

### **ExecuteSet DiskVersion**

Set one or more field values for one Disk Version.

**parameters** Parameters needed to identify the record to be changed.

This required

**diskLocatorId** GUID of the Disk Locator Version to Set.

or this required & resolution

**diskLocatorName** Name of the Disk Locator Version to Set.

This required

**version** Version to Set.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

One of these resolutions when needed

**storeId** GUID of the Store that is needed when a diskLocatorName is used.

**storeName** Name of the Store that is needed when a diskLocatorName is used.

**record** Record containing the new values for fields to be changed.

**description** User description. Default="" Max Length=250

**scheduledDate** Date/Time that the Disk Version is scheduled to become available. Format is: YYYY-MM-DD HH:MM. When empty, the disk version is made available immediately. Default=null



**ExecuteSet Farm**

Set one or more field values for a Farm.

parameters          Parameters needed to identify the record to be changed.

Optional

farmId              GUID of the Farm to Set. This is optional since there is only one Farm.

record              Record containing the new values for fields to be changed.

farmName           Name of the Farm. Default="" Max Length=50

description        User description. Default="" Max Length=250

autoAddEnabled     1 when Auto Add is enabled, 0 otherwise. Default=0

auditingEnabled    1 when Auditing is enabled, 0 otherwise. Default=0

lastAuditArchiveDate   Last date of Audit Trail data that was Archived. Format is yyyy/mm/dd Default=null

defaultSiteId       GUID of the Site to place new Devices into automatically. Not used with defaultSiteName. Default=null Length=36

defaultSiteName     Name of the Site to place new Devices into automatically. Not used with defaultSiteId. Default=null

offlineDatabaseSupportEnabled   1 when Offline Database Support is enabled, 0 otherwise. Default=0

licenseServer       License server name. Default="" Max Length=255

licenseServerPort   License server port. Min=1025, Max=65534, Default=27000

licenseTradeUp      License server trade up, when set to 1. Default=0

licenseSKU          licenseSKU. 0 for on-premises, 1 for cloud. Min=0, Max=1, Default=0

automaticMergeEnabled   1 when Automatic Merge is enabled, 0 otherwise. If the number of versions becomes more than the maxVersions value, a merge will occur at the end of PromoteDiskVersion. Default=1

maxVersions        Maximum number a versions of a Disk that can exist before a merge will automatically occur. Min=3, Max=50, Default=5

mergeMode          Mode to place the version in after a merge has occurred. Values are: 0 (Production), 1 (Test) and 2 (Maintenance). Min=0, Max=2, Default=2

**ExecuteSet FarmView**

Set one or more field values for a Farm View.

parameters          Parameters needed to identify the record to be changed.

One of these required

farmViewId          GUID of the Farm View to Set.

farmViewName        Name of the Farm View to Set.

record                Record containing the new values for fields to be changed.

farmViewName        name of the Farm View. Max Length=50

description          User description. Default="" Max Length=250

**ExecuteSet Server**

Set one or more field values for a Server. Restart the Stream Service after setting the fields.

parameters          Parameters needed to identify the record to be changed.

One of these required

serverId              GUID of the Server to Set.

serverName          Name of the Server to Set.

record                Record containing the new values for fields to be changed.

serverName          Computer name with no spaces. ASCII computer name characters Max Length=21

description          User description. Default="" Max Length=250

adMaxPasswordAge    Number of days before a password expires. Min=1, Max=30, Default=7

licenseTimeout        Amount of seconds before a license times out. Min=15, Max=300, Default=30

vDiskCreatePacing    VDisk create time pacing in milliseconds. Min=0, Max=5, Default=0

firstPort            Number of the first UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6910

lastPort             Number of the last UDP port for use by the Stream Service, First and Last must allow at least 5 ports. Min=1025, Max=65534, Default=6930

threadsPerPort        Number of worker threads per IO port. Required that (threadPerPort \* number-Ports \* numberIPs) <= 1000. Min=1, Max=60, Default=8

buffersPerThread     Number of buffers per worker thread. Min=1, Max=128, Default=24

**serverCacheTimeout**     Number of seconds to wait before considering another Server is down. Min=5, Max=60, Default=8

**ioBurstSize**             Number of bytes read/writes can send in a burst of packets. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=4096, Max=61440, Default=32768

**maxTransmissionUnits**   Ethernet maximum transmission unit size for the protocol for use for Server and Device. Required that  $\text{ioBurstSize}/(\text{maxTransmissionUnits}-76) \leq 32$ . Min=502, Max=16426, Default=1506

**maxBootDevicesAllowed**   Maximum number of Devices allowed to boot simultaneously. Min=1, Max=1000, Default=500

**maxBootSeconds**           Maximum number of seconds for a Device to boot. Min=10, Max=900, Default=60

**bootPauseSeconds**       Number of seconds that a Device will pause during login if its server busy. Min=1, Max=60, Default=10

**adMaxPasswordAgeEnabled** Age the password, when set to 1. Default=0

**eventLoggingEnabled**     Enable event logging, when set to 1. Default=0

**nonBlockingIoEnabled**    Use non-Blocking IO, when set to 1. Default=1

**ip**                         One or more streaming ip addresses. If more than one ip is included, the ip addresses are comma delimited.

**initialQueryConnectionPoolSize** Initial size of database connection pool for non-transactional queries. Min=1, Max=1000, Default=50

**initialTransactionConnectionPoolSize** Initial size of database connection pool for transactional queries. Min=1, Max=1000, Default=50

**maxQueryConnectionPoolSize** Maximum size of database connection pool for non-transactional queries. Min=1, Max=32767, Default=1000

**maxTransactionConnectionPoolSize** Maximum size of database connection pool for transactional queries. Min=1, Max=32767, Default=1000

**refreshInterval**         Interval, in number of seconds, the server should wait before refreshing settings. If set to 0, unused database connections are never released. Min=0, Max=32767, Default=300

**unusedDbConnectionTimeout** Interval, in number of seconds, a connection should go unused before it is to be released. Min=0, Max=32767, Default=300

**busyDbConnectionRetryCount** Number of times a failed database connection will be retried. Min=0, Max=32767, Default=2

**busyDbConnectionRetryInterval** Interval, in number of milliseconds, the server should wait before retrying to connect to a database. Min=0, Max=10000, Default=25

**localConcurrentIoLimit** Maximum concurrent IO transactions it performs for vDisks that are local. A value of 0 disables the feature. Min=0, Max=128, Default=4

**remoteConcurrentIoLimit** Maximum concurrent IO transactions it performs for vDisks that are remote. A value of 0 disables the feature. Min=0, Max=128, Default=4

**logLevel** Level to perform logging at. Values are: 0 (None), 1 (Fatal), 2 (Error), 3 (Warning), 4 (Info), 5 (Debug), and 6 (Trace). Min=0, Max=6, Default=4

**logFileSizeMax** Maximum size log files can reach in Megabytes. Min=1, Max=50, Default=5

**logFileBackupCopiesMax** Maximum number of log file backups. Min=1, Max=50, Default=4

**powerRating** A strictly relative rating of this Server's capabilities when compared to other Servers in the Store(s) it belongs too; can be used to help tune load balancing. Min=0.1, Max=1000, Default=1

**lastCeipUploadAttempt** Time that this server last attempted a CEIP upload. Default=null

**lastBugReportAttempt** Time that this server last attempted to upload or generate a bug report bundle. Default=null

**lastBugReportStatus** Status of the last bug report on this server. Default=null Max Length=250

**lastBugReportResult** Status of the last bug report on this server. Default=null Max Length=4000

**lastBugReportSummary** Summary of the last bug report on this server. Default=null Max Length=250

### **ExecuteSet ServerBiosBootstrap**

Oem Only: Set the bootstrap fields for the Server dell\_bios.bin BIOS bootstrap file.

**parameters** Parameters needed to identify the record to be changed.

One of these required

**serverId** GUID of the Server to Set the dell\_bios.bin BIOS bootstrap file.

**serverName** Name of the Server to Set the dell\_bios.bin BIOS bootstrap file.

**record** Record containing the new values for fields to be changed.

**enabled** Automatically update the BIOS on the target device with these setting when set to 1, otherwise do not use these settings. Default=0

**dhcpEnabled** Use DHCP to retrieve target device IP when set to 1, otherwise use the static domain, dnsIpAddress1 and dnsIpAddress2 settings. Default=1

**lookup** Use DNS to find the Server when set to 1 with the serverName host value, otherwise use the bootserver1\_Ip, bootserver1\_Port, bootserver2\_Ip, bootserver2\_Port, bootserver3\_Ip, bootserver3\_Port, bootserver4\_Ip, and bootserver4\_Port settings. Default=1

verboseMode	Display verbose diagnostic information when set to 1. Default=0
interruptSafeMode	Interrupt safe mode (use if target device hangs during boot) when set to 1. Default=0
paemode	PAE mode (use if PAE enabled in boot.ini of target device) when set to 1. Default=0
bootFromHdOnFail	For network recovery reboot to hard drive when set to 1, restore network connection when set to 0. Default=0
recoveryTime	When bootFromHdOnFail is 1, this is the number of seconds to wait before reboot to hard drive. Min=10, Max=60000, Default=50
pollingTimeout	Login polling timeout in milliseconds. Min=1000, Max=60000, Default=5000
generalTimeout	Login general timeout in milliseconds. Min=1000, Max=60000, Default=5000
serverName	Host to use for DNS lookup. Only used when lookup is 1. Default=IMAGESERVER1
bootserver1_ip	1st boot server IP. Only used when lookup is 0.
bootserver1_Port	1st boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
bootserver2_ip	2nd boot server IP. Only used when lookup is 0. Default=0.0.0.0
bootserver2_Port	2nd boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
bootserver3_ip	3rd boot server IP. Only used when lookup is 0. Default=0.0.0.0
bootserver3_Port	3rd boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
bootserver4_ip	4th boot server IP. Only used when lookup is 0. Default=0.0.0.0
bootserver4_Port	4th boot server port. Only used when lookup is 0. Min=1025, Max=65536, Default=6910
domain	Domain of the primary and secondary DNS servers. Only used when dhcpEnabled is 0.
dnsIpAddress1	Primary DNS server IP. Only used when dhcpEnabled is 0.
dnsIpAddress2	Secondary DNS server IP. Only used when dhcpEnabled is 0.

### **ExecuteSet ServerBootstrap**

Set the bootstrap fields for the Server and named bootstrap file specified.

parameters      Parameters needed to identify the record to be changed.

One of these required

serverId            GUID of the Server to Set the named bootstrap file on.

serverName        Name of the Server to Set the named bootstrap file on.

This required

name              Name of the bootstrap file.

record            Record containing the new values for fields to be changed.

bootserver1\_Ip    1st boot server IP.

bootserver1\_Netmask    1st boot server netmask. Default=0.0.0.0

bootserver1\_Gateway    1st boot server gateway. Default=0.0.0.0

bootserver1\_Port    1st boot server port. Min=1025, Max=65536, Default=6910

bootserver2\_Ip    2nd boot server IP. Default=0.0.0.0

bootserver2\_Netmask    2nd boot server netmask. Default=0.0.0.0

bootserver2\_Gateway    2nd boot server gateway. Default=0.0.0.0

bootserver2\_Port    2nd boot server port. Min=1025, Max=65536, Default=6910

bootserver3\_Ip    3rd boot server IP. Default=0.0.0.0

bootserver3\_Netmask    3rd boot server netmask. Default=0.0.0.0

bootserver3\_Gateway    3rd boot server gateway. Default=0.0.0.0

bootserver3\_Port    3rd boot server port. Min=1025, Max=65536, Default=6910

bootserver4\_Ip    4th boot server IP. Default=0.0.0.0

bootserver4\_Netmask    4th boot server netmask. Default=0.0.0.0

bootserver4\_Gateway    4th boot server gateway. Default=0.0.0.0

bootserver4\_Port    4th boot server port. Min=1025, Max=65536, Default=6910

verboseMode        Display verbose diagnostic information when set to 1. Default=0

interruptSafeMode    Interrupt safe mode (use if target device hangs during boot) when set to 1. Default=0

paeMode            PAE mode (use if PAE enabled in boot.ini of target device) when set to 1. Default=0

bootFromHdOnFail    For network recovery reboot to hard drive when set to 1, restore network connection when set to 0. Default=0

recoveryTime        When bootFromHdOnFail is 1, this is the number of seconds to wait before reboot to hard drive. Min=10, Max=60000, Default=50

pollingTimeout      Login polling timeout in milliseconds. Min=1000, Max=60000, Default=5000  
generalTimeout      Login general timeout in milliseconds. Min=1000, Max=60000, Default=5000

### **ExecuteSet ServerStore**

Set the directory path and cache paths of a Server for a Store.

parameters      Parameters needed to identify the record to be changed.

One of these required

serverId      GUID of a Server that uses the path to get to the Store.

serverName      Name of a Server that uses the path to get to the Store.

One of these required

storeId      GUID of the Store.

storeName      Name of the Store.

record      Record containing the new values for fields to be changed.

path      Directory path that the Server uses to access the Store. Default="" Max Length=255

cachePath      Cache path(s) that the Server uses with the Store. It is an ordered comma-delimited list. If none are specified the caches will be placed in the Store cachePath. Default=None

### **ExecuteSet Site**

Set one or more field values for a Site.

parameters      Parameters needed to identify the record to be changed.

One of these required

siteId      GUID of the Site to Set.

siteName      Name of the Site to Set.

record      Record containing the new values for fields to be changed.

siteName      Name of the Site. Max Length=50

description      User description. Default="" Max Length=250

defaultCollectionId      GUID of the Collection to place new Devices into automatically. Not used with defaultCollectionName. Default=null Length=36

defaultCollectionName      Name of the Collection to place new Devices into automatically. Not used with defaultCollectionId. Default=null

**inventoryFilePollingInterval** The number of seconds between polls for Disk changes in the Stores. Min=1, Max=600, Default=60

**enableDiskUpdate** 1 when Disk Updated is enabled for the Site, 0 otherwise. Default=0

**diskUpdateServerId** GUID of the Disk Update Server for the Site. Not used with **diskUpdateServerName**. Default=null Length=36

**diskUpdateServerName** Name of the Disk Update Server for the Site. Not used with **diskUpdateServerId**. Default=null

**makUser** User name used for MAK activation. Default=null Max Length=64

**makPassword** User password used for MAK activation. Default=null Max Length=64

**enableXsProxy** Enable XenServerProxy when set to 1 Default=null

**virtualHostingPoolId** GUID of the VirtualHostingPool object.

**virtualHostingPoolName** Name of the VirtualHostingPool object.

**xsPvsSiteUuid** GUID of the XenServer PVS Site.

### **ExecuteSet SiteView**

Set one or more field values for a Site View.

**parameters** Parameters needed to identify the record to be changed.

This required

**siteViewId** GUID of the Site View to Set.

or this required & resolution

**siteViewName** Name of the Site View to Set.

One of these resolutions when needed

**siteId** GUID of the Site.

**siteName** Name of the Site.

**record** Record containing the new values for fields to be changed.

**siteViewName** Name of the Site View. Max Length=50

**description** User description. Default="" Max Length=250



### **ExecuteSet Store**

Set one or more field values for a Store.

parameters            Parameters needed to identify the record to be changed.

One of these required

storeId            GUID of the Store to Set.

storeName           Name of the Store to Set.

record            Record containing the new values for fields to be changed.

storeName           Name of the Store. Max Length=50

siteId            GUID of the Site where Administrators of that Site can change this Store. Not used for Farm Stores. siteName can be used instead. Default=null Length=36

siteName           Name of the Site where Administrators of that Site can change this Store. Not used for Farm Stores. siteId can be used instead. Default=null

description           User description. Default="" Max Length=250

path            Default directory path that the Servers use to access this Store. Max Length=255

cachePath           Default Cache path(s) that the Servers use with this Store. It is an ordered comma-delimited list. If none are specified the caches will be placed in the WriteCache subdirectory of the Store path. Default=None

### **ExecuteSet UpdateTask**

Set one or more field values for an Update Task.

parameters           Parameters needed to identify the record to be changed.

This required

updateTaskId        GUID of the Update Task to Set.

or this required & resolution

updateTaskName      Name of the Update Task to Set.

One of these resolutions when needed

siteId            GUID of the Site.

siteName           Name of the Site.

record            Record containing the new values for fields to be changed.

updateTaskName      Name of the Update Task. It is unique within the Site. Max Length=50

description	User description. Default="" Max Length=250
enabled	1 when it will be processed, 0 otherwise. Default=1
hour	The hour of the day to perform the task. Min=0, Max=23, Default=0
minute	The minute of the hour to perform the task. Min=0, Max=59, Default=0
recurrence	The update will reoccur on this schedule. 0 = None, 1 = Daily, 2 = Every Weekday, 3 = Weekly, 4 = Monthly Date, 5 = Monthly Type. Min=0, Max=5, Default=0
dayMask	Days selected values. 1 = Monday, 2 = Tuesday, 4 = Wednesday, 8 = Thursday, 16 = Friday, 32 = Saturday, 64 = Sunday, 128 = Day. Default=0. This is used with Weekly and Monthly Type recurrence. Min=1, Max=255, Default=4
date	Comma delimited days of the month. Numbers from 1-31 are the only valid values. This is used with Monthly Date recurrence. Default="" Max Length=83
monthlyOffset	When to happen monthly. 0 = None, 1 = First, 2 = Second, 3 = Third, 4 = Forth, 5 = Last. This is used with Monthly Type recurrence. Min=0, Max=5, Default=3
esdType	Esd to use. Valid values are SCCM or WSUS. If no value, a custom script is run on the client. Default=null Max Length=50
preUpdateScript	Script file to run before the update starts. Default=null Max Length=255
preVmScript	Script file to run before the VM is loaded. Default=null Max Length=255
postUpdateScript	Script file to run after the update finishes. Default=null Max Length=255
postVmScript	Script file to run after the VM is unloaded. Default=null Max Length=255
domain	Domain to add the Disk Update Device(s) to. If not included, the first Domain Controller found on the Server is used. Default=null Max Length=255
organizationUnit	Organizational Unit to add the Disk Update Device(s) to. This parameter is optional. If it is not specified, the device is added to the built in Computers container. Child OU's should be delimited with forward slashes, e.g. "ParentOU/ChildOU". Special characters in an OU name, such as "", '#', '+', ',', '<', '>', '=', must be escaped with a backslash. For example, an OU called "commaIn,TheMiddle" must be specified as "commaIn\,TheMiddle". The old syntax of delimiting child OU's with a comma is still supported, but deprecated. Note that in this case, the child OU comes first, e.g. "ChildOU,ParentOU". Default=null Max Length=255
postUpdateApprove	Access to place the version in after the update has occurred. 0 = Production, 1 = Test, 2 = Maintenance. Min=0, Max=2, Default=0

### **ExecuteSet VirtualHostingPool**

Set one or more field values for a Virtual Hosting Pool.

parameters            Parameters needed to identify the record to be changed.

This required

virtualHostingPoolId    GUID of the Virtual Hosting Pool to Set.

or this required & resolution

virtualHostingPoolName    Name of the Virtual Hosting Pool to Set.

One of these resolutions when needed

siteId            GUID of the Site.

siteName            Name of the Site.

record            Record containing the new values for fields to be changed.

virtualHostingPoolName    Name of the Virtual Hosting Pool. It is unique within the Site. Max Length=50

type            Type of the Virtual Hosting Pool. 0 = Citrix XenServer, 1 = Microsoft SCVMM/Hyper-V, 2 = VMWare vSphere/ESX. Min=0, Max=3, Default=0

description            User description. Default="" Max Length=250

server            Name or IP of the Host Server. Max Length=255

port            Port of the Host Server. Min=80, Max=65534, Default=80

datacenter            Datacenter of the Virtual Hosting Pool. Default="" Max Length=250

updateLimit            Number of updates at the same time. Min=2, Max=1000, Default=1000

updateTimeout            Timeout for updates. Min=2, Max=240, Default=60

shutdownTimeout            Timeout for shutdown. Min=2, Max=30, Default=10

userName            Name to use when logging into the Server.

password            Password to use when logging into the Server.

xdHostingUnitUuid            UUID of XenDesktop Hosting Unit Default=null Length=36

prepopulateEnabled            Enable prepopulate when set to 1 Default=0

xsPvsSiteUuid            UUID of XenServer PVS\_site Default=null Length=36

platformVersion            Hypervisor Host Version Default=null Max Length=250

xdHcHypervisorConnectionName    Hypervisor Connection Name for HCL Connection Details object Default=null Max Length=250

xdHcHypervisorConnectionUid    Hypervisor Connection Uid for HCL Connection Details object Default=null Max Length=250

xdHcRevision          Revision for HCL Connection Details object Default=null Max Length=250

xdHcCustomProperties      Custom Properties for HCL Connection Details object Default=null Max Length=250

xdHcSslThumbprints          Ssl Thumbprints for HCL Connection Details object Default=null Max Length=250

disableHostXsProxy      True to disable PVS-Accelerator Default=null

### **ExecuteSet VirtualHostingPoolServer**

parameters          Parameters needed to identify the record to be changed.

This required

virtualHostingPoolId      GUID of the Virtual Hosting Pool to Set.

This required

serverId          GUID of the Server to Set.

record          Record containing the new values for fields to be changed.

virtualHostingPoolId      GUID of the Virtual Hosting Pool being used for XenServer PVS proxy. Length=36

serverId          GUID of the Server that has a PVS\_server in XenServer Length=36

xsPvsServerUuid      UUID of the XenServer PVS\_server Length=36

### **ExecuteSet XDSite**

Set the configServices field value for a XenDesktop Site.

parameters          Parameters needed to identify the record to be changed.

This required

xdSiteId          GUID of the XenDesktop Site to Set.

record          Record containing the new values for fields to be changed.

configServices      Comma delimited list of XenDesktop Server addresses. Max Length=2000

### **ExecuteSetList**

MapiReturn ExecuteSetList(string command,  
List<KeyValuePair<string, string> parameters,  
List<List<KeyValuePair<string, string>> records);

### **ExecuteSetList DeviceBootstraps**

Set the Bootstrap Files for a Device.

parameters            Parameters needed to identify the record to be changed.

One of these required

deviceId            GUID of the Device.

deviceName        Name of the Device.

deviceMac        MAC of the Device.

records            Records with fields to set.

bootstrap        Name of the bootstrap file. Max Length=259

menuText        Text that is displayed in the Boot Menu. If this field has no value, the bootstrap value is used. Default="" ASCII Max Length=64

### **ExecuteSetList DeviceCustomProperty**

Set the Device Custom Property names and values.

parameters            Parameters needed to identify the record to be changed.

One of these required

deviceId            GUID of the Device.

deviceName        Name of the Device.

deviceMac        MAC of the Device.

records            Records with fields to set.

name            Name of the Device custom property. Max Length=250

value            Value of the Device custom property. Max Length=1000

### **ExecuteSetList DeviceDiskPrinters**

Set one or more Printer settings. Only the changed items need to be passed. To remove a Printer, set it as disabled.

parameters            Parameters needed to identify the record to be changed.

One of these required

deviceId            GUID of the Device.

deviceName          Name of the Device.

deviceMac          MAC of the Device.

This required

diskLocatorId      GUID of the Disk Locator.

or this required & resolution

diskLocatorName    Name of the Disk Locator File.

One of these resolutions when needed

storeId            GUID of the Store that is needed when a diskLocatorName is used.

storeName          Name of the Store that is needed when a diskLocatorName is used.

records            Records with fields to set.

name               Name of the Printer. Must come from the list of Printers available on the Disk.

state               Valid states are 1 (enabled network), 2 (enabled local), or 3 (default). 0 (disabled) can be used when setting a Printer that used to be 1 or 2 to 0. The list of all Printers available come from the Disk. Min=0, Max=3

### **ExecuteSetList DevicePersonality**

Set the Device Personality names and values.

parameters          Parameters needed to identify the record to be changed.

One of these required

deviceId          nbsp; GUID of the Device.

deviceName          Name of the Device.

deviceMac          MAC of the Device.

records            Records with fields to set.

name               Name of the Device personality item. Max Length=250

value               Value for the Device personality item. Max Length=1000

### **ExecuteSetList DiskLocatorCustomProperty**

Set the DiskLocator Custom Property names and values.

parameters          Parameters needed to identify the record to be changed.

This required

diskLocatorId      GUID of the Disk Locator.

or this required & resolution

diskLocatorName      Name of the Disk Locator.

One of these resolutions when needed

siteId      GUID of the Site.

siteName      Name of the Site.

One of these resolutions when needed

storeId      GUID of the Store that is needed when a diskLocatorName is used.

storeName      Name of the Store that is needed when a diskLocatorName is used.

records      Records with fields to set.

name      Name of the DiskLocator custom property. Max Length=250

value      Value of the DiskLocator custom property. Max Length=1000

### **ExecuteSetList ServerCustomProperty**

Set the Server Custom Property names and values.

parameters      Parameters needed to identify the record to be changed.

One of these required

serverId      GUID of the Server.

serverName      Name of the Server.

records      Records with fields to set.

name      Name of the Server custom property. Max Length=250

value      Value of the Server custom property. Max Length=1000



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