Impact analysis document V1 to V2

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Summary

A new version of API will be released in order to cover the lack of information in some assets attributes or asset types.

Furthermore, the new API version has the purpose to simplify and unify the assets attributes being independent of the operating system or the way the attributes have been discovered.

A common change is the removal of the "Export" suffix in each type, for this reason in this document you will find all types without suffix in Modified types.

Known issues V1

There are several reasons to release API V2: Lansweeper API V1 was not able to expose all asset information through the API, asset properties exposed were often empty or never sent through webhooks. Below, we have attempted to list all known issues in API V1. Development for API V1 has been ceased and this API will be deprecated in the coming months, these issues will remain known with API V1 and our recommendation for users developing with our API is to migrate to V2 at the earliest possibility.

- In API V1 the custom fields provided in the AssetCustomExport (or Asset Custom in webhooks) were empty.
- A the next version of ADS (on-prem) will change the synchronization with ADP (Cloud) and webhooks API V1 will have issues with Asset group links and IP Location asset properties, producing missing webhook of those properties.
- AdUserExport (Ad User in webhooks) are not working in API V1, it is empty as an asset property, there is not way to correlate active directory users with assets.
- LastScanExport (Last Scan in webhooks) was not working in API V1.
- ErrorExport (Error in webhooks) was empty in some sites.
- Depending on the asset type, certain core asset properties were not provided, like processor, memory or disks in linux or mac assets, along this document the reader will discover those properties now as they are exposed in API V2.
- Several codes used by ADS were not transformed to the value in the API V1, like memory type, bus type, country codes, etc... In API V2 the codes have been replaced by the value of each code.

How to migrate

In order to migrate your current integration from API V1 to V2, you should ensure the following steps:

1. The endpoint to execute queries over API V2 model should ben changed to
   https://api.lansweeper.com/api/v2/graphql
2. In case you are using **assetResources** query type, check the fields requested to be aligned with this document:
   - Remove deprecated fields
   - Check if some of your fields appear in Modified types section and adapt the path-building to new names. To know the root types of path-building, the ExportFilteredResponse appears in this document in Modified types.
   - You can add the new types that you want.
3. In case you are using **exportFilteredAssets**, you should adapt the graphql types requested, as is explained in step 2 review the deprecated and modified types.
4. Navigate to **https://app.lansweeper.com/**, in webhooks section you can see a new selector API version:
   - Change the version to Version 2.
   - The selected entities have been removed and the API V2 available entities will appear. Select the entities that you want, take into account the payloads of each entity are following the types explained in this document, you should adapt your service to receive the new types of each entity.

For example, if you have an export query in API V1 like:

```
mutation export {
  site(id: "xxxx-xxxx-xxxx") {
    exportFilteredAssets {
      asset {
        assetName
        assetKey
        assetTypeId
        installKey
        ipAddress
        lastSeen
        firstSeen
        fqdn
        mac
        description
        assetDomain
      }
      assetCustom {
        serialNumber
        dnsName
        contact
        location
        manufacturer
        purchaseDate
        warrantyDate
```

```
            comment
            model
            printedPages
            department
            sshServer
          }
          processors {
            numberOfCores
            numberOfLogicalProcessors
            maxClockSpeed
            caption
            manufacturer
          }
          operatingSystems {
            servicePackMajorVersion
            version
            caption
          }
          printers {
            horizontalResolution
            verticalResolution
          }
          exportId
        }
      }
    }
```

An equivalent query in API V2 will be:

```
  mutation export {
    site(id: "xxxx-xxxx-xxxx") {
      exportFilteredAssets {
        key // asset.assetKey to key in root
        installKey // asset.installKey to installKey in root
        assetBasicInfo { // asset to assetBasicInfo
          name // asset.assetName to assetBasicInfo.name
          type
          ipAddress
          lastSeen
          firstSeen
          fqdn
          mac
          description
          domain // asset.assetDomain to assetBasicInfo.domain
        }
        assetCustom {
          serialNumber
          dnsName
          contact
          location
          manufacturer
          purchaseDate
```

```
          warrantyDate
          comment
          model
          department
          sshServer
        }
        printerInfo {
          totalPages // from assetCustom.printedPages to
printerInfo.totalPages
        }
        processors {
          numberOfCores
          numberOfLogicalProcessors
          maxClockSpeed
          caption
          manufacturer
        }
        operatingSystem { // from operatingSystems to operatingSystem
          servicePackMajorVersion
          version
          caption
        }
        printers {
          horizontalResolution
          verticalResolution
        }
        exportId
      }
    }
  }
}
```

Deprecated types

- Order

Direction not allowed in v2 due to performance reasons

```
enum AssetsDirection {
  ASC
  DESC
}
type AssetsOrder {
  direction: AssetsDirection
  field: String
}

input AssetsOrderInput {
  direction: AssetsDirection
  field: String
}
```

- AdUserExport

This entity represents an Active Directory User. It will not be exposed as it's not possible to correlate this entity with an entity AdUser, so it was being exposed by mistake as no Asset in the database contains this entity.

```
type AdUserExport {
  adUserId: String
  adUserKey : String
  installKey: String
  city: String
  company: String
  country: String
  countryAbbreviation: String
  countryCode: String
  department: String
  description: String
  displayName: String
  division: String
  email: String
  employeeNumber: String
  employeeType: String
  fax: String
  firstName: String
  homeDirectory: String
  homePage: String
  homePhone: String
  info: String
  initials: String
```

```
    ipPhone: String
    isEnabled: Boolean
    lastChanged: DateTime
    lastLogon: DateTime
    lastName: String
    logonScript: String
    mobile: String
    name: String
    namekey: String
    office: String
    ou: String
    pager: String
    picture: String
    profilePath: String
    passwordChangeableDate: DateTime
    passwordExpirationDate: DateTime
    passwordLastSet: DateTime
    passwordNeverExpires: Boolean
    passwordRequired: Boolean
    state: String
    street: String
    telephone: String
    title: String
    upn: String
    userCannotChangePassword: Boolean
    userDomain: String
    userName: String
    whenChanged: DateTime
    whenCreated: DateTime
    zip: String
  }
```

Field	Description
adUserId	PK onPrem
adUserKey	PK onCloud
installKey	The installation id
city	City
company	Company
country	Country
countryAbbreviation	Country abbreviation
countryCode	Country/region code
department	Department
description	Description
displayName	Display name

Field	Description
division	Division
email	Email address
employeeNumber	Number assigned to the employee other than the ID
employeeType	Employee's job category
fax	Fax number
firstName	First name
homeDirectory	Home directory path for the account
homePage	Home page
homePhone	Home phone number
info	Info
initials	Initials of the user
ipPhone	IP phone number
isEnabled	Indicates whether the user is enabled in AD. True = Enabled / False = Disabled.
lastChanged	Last time the table record was changed
lastLogon	The latest DateTime a user logged on on the domain.
lastName	Last name
logonScript	Script that runs when the user logs into a computer
mobile	Mobile number
name	Name
namekey	The name key
office	Office
ou	Organizational Unit the user belongs to
pager	Pager number
picture	User picture
profilePath	Path to the user's personal profile
passwordChangeableDate	Date\Time from which the user will be allowed change his password
passwordExpirationDate	Date\Time the user's password expires. At that time the user will have to create a new password
passwordLastSet	DateTime the password was last changed

Field	Description
passwordNeverExpires	True if the user's password does not expire
passwordRequired	True if the user is not allowed to create a blank password
state	State
street	Street name
telephone	Telephone number
title	Job title
upn	Internet-style login name for the user
userCannotChangePassword	True if the user is not allowed to changes his password.
userDomain	Domain of the user
userName	Name of the user
whenChanged	Last time the user was changed in Active Directory
whenCreated	When the user was created in Active Directory
zip	ZIP code

- AsServerExport

This entity provides information about the scanner. It will not be exposed until scanner features will be available in the API.

```
type AsServerExport {
  activeScanning: Boolean
  activeScanningInterVal: Float
  activeScanningMaxrescanTime: Float
  activeScanningMinRescanTime: Float
  asServerKey: String
  asServerId: String
  assetGroupSscannow: Boolean
  clearQueue: Boolean
  computerScanned: Float
  concurrentThreads: Float
  currentUser: String
  day1Rep: Boolean
  day1TimeRep: DateTime
  day2Rep: Boolean
  day2TimeRep: DateTime
  day3Rep: Boolean
  day3TimeRep: DateTime
  day4Rep: Boolean
  day4TimeRep: DateTime
  day5Rep: Boolean
  day5TimeRep: DateTime
```

```
day6Rep: Boolean
day6TimeRep: DateTime
day7Rep: Boolean
day7TimeRep: DateTime
delComp: Boolean
delCompDays: Float
delConfigurationLogDays: Float
delDeploymentLogDays: Float
deleventDays: Float
delHist: Boolean
delHistDays: Float
delLoginLogDays: Float
delLogonInfo: Float
delPerformanceCounterDays: Float
delsysLogDays: Float
delUpTimeDays: Float
dnsName: String
doFallbackScanning: Boolean
domainName: String
enableProxy: Boolean
enableProxyAuth: Boolean
enableWarranTyScanning: Boolean
encryptionKeyHash: Float
endIp: String
evFailure: Boolean
evInfo: Boolean
eVsuccess: Boolean
evUpTime: Boolean
evWarning: Boolean
ipScanNow: Boolean
iPscanThreads: Float
is64Bit: Boolean
isDomain: Boolean
isPerformanceCounterTargetCreated: Boolean
lastActiveScan: DateTime
lastMailed: DateTime
listenPort: Float
mailNow: Boolean
mailServer: Boolean
makeActive: Boolean
maxDeploymentThreads: Float
naadComp: Boolean
naComp: Boolean
naCompDays: Float
nadicomp: Boolean
proxyDomain: String
proxyLogin: String
proxyName: String
proxyPassword: String
proxyPasswordKeyHash: Float
proxyPort: Float
proxyTimeout: Float
refradComp: Boolean
refradUsers: Boolean
```

```
      changedComputerDetection: Boolean
      rmAdComp: Boolean
      rmAdUser: Boolean
      rmdiComp: Boolean
      rmdiUser: Boolean
      scanHistoryDays: Float
      scanUser: String
      sendAlertReports: Boolean
      sendEventAlerts: Boolean
      serviceLastPolled: DateTime
      serviceStarted: DateTime
      smtpAuthenticate: Boolean
      smtpfrom: String
      smtpFromDisplay: String
      smtpPassword: String
      smtpPort: Float
      smtpServer: String
      smtpUserName: String
      smtpUseSsl: Boolean
      startIp: String
      version: String
      workGroupScanning: Boolean
      delWindowsClusterLogsDays: Float
      delHyperVLogsDays: Float
      delSccmDataDays: Float
      dELSCCMCOMP: Boolean
      scanLastLogon: Boolean
      sADDCOMP: Boolean
      sADDUSER: Boolean
    }
```

- AssetMacAddressExport

The MAC info will be available in networks adapters and asset basic info with the mac set by the user.

```
type AssetMacAddressExport {
  assetMacAddressKey: String
  assetMacAddressId: String
  lastChanged: DateTime
  mac: String
}
```

Field	Description
assetMacAddressKey	PK in cloud
assetMacAddressId	PK in onPrem
Mac	MAC address
LastChanged	Last time the table record was changed

- ComputerSystemProductExport

This attribute represent a product on windows, but the information was not enough relevant. It can be retrieved from operatingSystem.

```
type ComputerSystemProductExport {
  computerSystemProductKey: String
  computerSystemProductId: String
  lastChanged: DateTime
  uuid: String
  version: String
}
```

Field	Description
computerSystemProductKey	PK in cloud
computerSystemProductId	PK in onPrem
uuid	Universally unique identifier (UUID) for this product. A UUID is a 128-bit identifier that is guaranteed to be different from other generated UUIDs. If a UUID is not available, a UUID of all zeroes is used
version	Product version information. Corresponds to the Version property in the product object in the DMTF Solution Exchange Standard
LastChanged	last time the table record was changed

- DesktopExport

This attribute describes the windows desktop configuration.

```
type DesktopExport {
  borderWidth: Float
  coolSwitch: Boolean
  cursorBlinkRate: Float
  desktopKey: String
  desktopId: String
  dragFullWindows: Boolean
  gridGranularity: Float
  iconsPacing: Float
  iconTitleFaceName: String
  iconTitleSize: Float
  iconTitleWrap: Boolean
  lastChanged: DateTime
  name: String
  pattern: String
  screenSaverActive: Boolean
  screenSaverExecutable: String
```

```
      screenSaverSecure: Boolean
      screenSaverTimeout: Float
      wallpaper: String
      wallpaperStretched: Boolean
      wallpaperTiled: Boolean
    }
```

Field	Description
borderWidth	Width of the borders around all windows with adjustable borders.
coolSwitch	Fast task switching is turned on. Fast task switching allows the user to switch between windows using the ALT+TAB keyboard combination.
cursorBlinkRate	Length of time between successive cursor blinks.
desktopKey	PK in cloud
desktopId	PK in onPrem
dragFullWindows	Contents of a window are shown when a user moves the window.
gridGranularity	Spacing of the grid that windows are bound to on the desktop. This makes organizing windows easier. The spacing is usually fine enough that the user does not notice it.
iconsPacing	Spacing between icons.
iconTitleFaceName	Font used for the names of the icons.
iconTitleSize	Icon font size.
iconTitleWrap	Icon's title text wraps to the next line.
lastChanged	last time the table record was changed
name	Name that identifies the current desktop profile.
pattern	Name of the pattern used as the background for the desktop.
screenSaverActive	Screen saver is active.
screenSaverExecutable	Name of the current screen saver executable file.
screenSaverSecure	Password is enabled for the screen saver.
screenSaverTimeout	Amount of time that passes before the screen saver starts.
wallpaper	File name for the wallpaper design on the background of the desktop.
wallpaperStretched	Wallpaper is stretched to fill the entire screen. Microsoft Plus! must be installed before this option is available. If FALSE, the wallpaper retains its original dimensions on the desktop background.
wallpaperTiled	Wallpaper is tiled or centered.

- DesktopMonitor

This attribute describes the windows desktop monitor configuration, the information about your monitor/display is available in Monitor type.

```
type DesktopMonitorExport {
  caption: String
  desktopMonitorKey: String
  desktopMonitorId: String
  lastChanged: DateTime
  monitorManufacturer: String
  pixelsPerXLogicalInch: Float
  pixelsPerYLogicalInch: Float
  screenHeight: Float
  screenWidth: Float
}
```

Field	Description
caption	Short description.
desktopMonitorKey	PK in cloud
desktopMonitorId	PK in onPrem
lastChanged	last time the table record was changed
monitorManufacturer	Name of the monitor manufacturer.
pixelsPerXLogicalInch	Resolution along the x-axis (horizontal direction) of the monitor.
pixelsPerYLogicalInch	Resolution along the y-axis (vertical direction) of the monitor.
screenHeight	Logical height of the display in screen coordinates.
screenWidth	Logical width of the display in screen coordinates.

- DisplayConfigurationExport

This attribute describes the windows display configuration.

```
type DisplayConfigurationExport {
  bitsPerPel: Float
  caption: String
  displayConfigurationKey: String
  displayConfigurationId: String
  displayFlags: Float
  displayFrequency: Float
  driverVersion: String
  lastChanged: DateTime
  logPixels: Float
  pelsHeight: Float
```

```
    pelsWidth: Float
    specificationVersion: Float
  }
```

Field	Description
bitsPerPel	Number of bits used to represent the color in this configuration (bits per pixel).
caption	Short description.
displayConfigurationKey	PK in cloud
displayConfigurationId	PK in onPrem
displayFlags	If TRUE, the display device is color (versus monochrome), and non-interlaced (versus interlaced), by masking its value with the DM_GRAYSCALE and DM_INTERLACED masks respectively.
displayFrequency	The vertical refresh rate for the display. The refresh rate for a monitor is the number of times the screen is redrawn per second (frequency).
driverVersion	Release version of the display driver.
lastChanged	last time the table record was changed
logPixels	Number of pixels per logical inch. This property is valid only with devices that work with pixels (this excludes devices such as printers).
pelsHeight	Height of the displayable surface.
pelsWidth	Width of the displayable surface.
specificationVersion	Version number of the initialization data for the Windows display device.

- DisplayControllerConfigurationExport

This attribute describes customization of display controller.

```
type DisplayControllerConfigurationExport {
  bitsPerPixel: Float
  caption: String
  colorPlanes: Float
  deviceEntriesInAColorTable: Float
  deviceSpecificPens: Float
  displayControllerConfigurationKey: String
  displayControllerConfigurationId: String
  horizontalResolution: Float
  lastChanged: DateTime
  refreshRate: Float
  verticalResolution: Float
  videoMode: String
}
```

Field	Description
bitsPerPixel	Either the number of bits used to represent the color in this configuration, or the bits in each pixel.
caption	Short description.
colorPlanes	Current number of color planes used in the display configuration. A color plane is another way to represent pixel colors. Instead of assigning a single RGB value to each pixel, color planes separate the graphic into each of the primary color components (red, green, blue), and stores them in their own planes. This allows for greater color depths on 8-bit and 16-bit video systems. Present graphics systems have the bit width large enough to store color depth information, meaning only one color plane is needed.
deviceEntriesInAColorTable	Number of color indexes in a color table of a display device (if the device has a color depth of no more than 8 bits per pixel). For devices with greater color depths, -1 is returned.
deviceSpecificPens	Current number of device-specific pens. A value of 0xFFFFFFFF means the device does not support pens. Pens are logical properties that can be assigned by the display controller to display devices, and are used to draw lines, borders of polygons, and text.
displayControllerConfigurationKey	PK in cloud
displayControllerConfigurationId	PK in onPrem
horizontalResolution	Current number of pixels in the horizontal direction (x-axis) of the display.
lastChanged	last time the table record was changed
refreshRate	Refresh rate of the video adapter. A value of 0 (zero) or 1 (one) indicates a default rate is being used. A value of -1 indicates that an optimal rate is being used.
verticalResolution	Current number of pixels in the vertical direction (y-axis) of the display.
videoMode	User-readable description of the current screen resolution and color setting of the display.

- FeatureExport A list of optional windows features.

```
type FeatureExport {
  featUniKey: String
  featUniId: String
```

```
      featureKey: String
      featureId: String
      lastChanged: DateTime
      addedDate: DateTime
      featureCaption: String
      featureName: String
  }
```

Field	Description
featUniKey	FK in cloud to feat union
featUniId	FK in onPrem to feat union
featureKey	PK in cloud
featureId	PK in onPrem
lastChanged	last time the table record was changed
addedDate	Date\Time the feature was scanned for the first time.
featureCaption	Feature display name.
featureName	Name of the optional feature.

- IeActiveXExport

Internet explorer browser ActiveX versions.

```
  type IeActiveXExport {
    codeBase: String
    ieActiveXKey: String
    ieActiveXId: String
    infFile: String
    lastChanged: DateTime
    osdFile: String
  }
```

Field	Description
codeBase	CAB file used by the ActiveX control
ieActiveXKey	PK in cloud
ieActiveXId	PK in onPrem
infFile	INF file used by the ActiveX control. The INF file contains information about the control, such as its name, its class identifier (CLSID), the name and location of required DLLs, whether the control requires registration, and so on.
lastChanged	last time the table record was changed

Field	Description
osdFile	OSD file used by the ActiveX control

- IeBarExport

This attribute contains information about the explorer bars installed in Internet Explorer

```
type IeBarExport {
  control: String
  ieBarKey: String
  ieBarId: String
  lastChanged: DateTime
}
```

Field	Description
control	ID of the explorer bar. A quick Google search for the ID should provide more information on the explorer bar.
ieBarKey	PK in cloud
ieBarId	PK in onPrem
lastChanged	last time the table record was changed

- IebHoExport

This attribute includes information about Browser Helper Objects installed in Internet Explorer.

```
type IebHoExport {
  control: String
  iebHoKey: String
  iebHoId: String
  lastChanged: DateTime
}
```

Field	Description
control	ID of the Browser Helper Object. A quick Google search for the ID should provide more information on the Browser Helper Object.
iebHoKey	PK in cloud
iebHoId	PK in onPrem
lastChanged	last time the table record was changed

- IeExtensionExport

This table contains information about the extensions installed in Internet Explorer.

```
type IeExtensionExport {
  buttonText: String
  clsid: String
  control: String
  executable: String
  ieExtensionKey: String
  ieExtensionId: String
  lastChanged: DateTime
  menutext: String
}
```

Field	Description
buttonText	button text of the extension
clsid	class identifier
control	ID of the extension. A quick Google search for the ID should provide more information on the extension.
executable	executable used by the extension
ieExtensionKey	PK in cloud
ieExtensionId	PK in onPrem
lastChanged	last time the table record was changed
menutext	menu text of the extension

- LastScanExport

This contains information about last Lansweeper scan performed.

```
type LastScanExport {
  assetId: String
  cfgCode: String
  lastTime: DateTime
  scanTime: Float
  waitTime: WaitTimeExport
}
```

Field	Description
assetId	Pk in onPrem

Field	Description
cfgCode	The configuration code
lastTime	Last time scan tried
scanTime	Last time scanned
waitTime	Wait time in scan

- LocalUserGroupExport

This type is ADP internal to manage onPrem and cloud groups, should not be exposed in the API.

```
type LocalUserGroupExport {
  lastChanged: DateTime
  localUserGroupKey: String
  localUserGroupId: String
  localUserGroupUnionKey: String
  localUserGroupUnionId: String
  name: String
  sid: String
}
```

Field	Description
lastChanged	last time the table record was changed
localUserGroupKey	PK in cloud
localUserGroupId	PK in OnPrem
localUserGroupUnionKey	FK in cloud
localUserGroupUnionId	FK in OnPrem
name	Name of the user group
sid	ID of the user group

- LogonInfoExport

```
type LogonInfoExport {
  domain: String
  ipAddress: String
  logonInfoKey: String
  logonInfoId: String
  logonTime: DateTime
  userName: String
}
```

Field	Description
domain	domain of the user
ipAddress	IP address of the computer
logonInfoKey	PK in cloud
logonInfoId	PK in onPrem
logonTime	when the user logon was detected/scanned
userName	name of the user

- NetworkClientExport

Information related to network client on a Windows system

```
type NetworkClientExport {
  caption: String
  lastChanged: DateTime
  manufacturer: String
  name: String
  networkClientKey: String
  networkClientId: String
}
```

Field	Description
caption	Short description.
lastChanged	last time the table record was changed
manufacturer	Name of the manufacturer of the network client running on the computer system running Windows.
name	Network name of the network client running on the computer system running Windows.
networkClientKey	PK in cloud
networkClientId	PK in onPrem

- SqlDatabaseExport

```
type SqlDatabaseExport {
  dataFilesSizeKb: Float
  lastChanged: DateTime
  logFilesSizeKb: Float
  logFilesUsedSizeKb: Float
  name: String
```

```
    sqlDatabaseKey: String
    sqlDatabaseId: String
  }
```

Field	Description
dataFilesSizeKb	size of the data files, in Kb
lastChanged	last time the table record was changed
logFilesSizeKb	size of the log files, in Kb
logFilesUsedSizeKb	used log file space, in Kb
name	name of the database
sqlDatabaseKey	PK in cloud
sqlDatabaseId	PK in onPrem

- WaitTimeExport

Information related to the waiting time of scanner.

```
type WaitTimeExport {
  cfGName: String
  trackChange: Boolean
  waitDay: Float
  waitTimeKey: String
  waitTimeId: String
}
```

Field	Description
cfGName	The configuration name.
trackChange	The track change
waitDay	The wait day
waitTimeKey	PK in cloud
waitTimeId	PK in onPrem

- WindowsOperatingSystemExport

This information is a summary of windows operating system, but can be obtained directly from operating system type.

```
type WindowsOperatingSystemExport {
  windowsOperatingSystemKey: String
```

```
    windowsOperatingSystemId: String
    name: String
    oSCodeNumeric: Float
    image: String
  }
```

Field	Description
name	The windows operating system name
oSCodeNumeric	The version of the OS
image	The windows build
windowsOperatingSystemKey	PK in cloud
windowsOperatingSystemId	PK in onPrem

- WinSatExport

This attribute stores information found in the Windows System Assessment Tool.

```
type WinSatExport {
  cpuScore: Float
  d3DScore: Float
  diskScore: Float
  graphicsScore: Float
  lastChanged: String
  memoryScore: Float
  winSatAssessmentState: Float
  winSatKey: String
  winSatId: String
  winSprLevel: Float
}
```

Field	Description
cpuScore	A score for the processors on the computer.
d3DScore	A score for the three-dimensional graphics (gaming) capabilities of the computer.
diskScore	A score for the sequential read throughput on the primary hard disk on the computer.
graphicsScore	A score for the graphics capabilities of the computer.
lastChanged	Last time the table record was changed
memoryScore	A score for the memory throughput and capacity of the computer.

Field	Description
winSatAssessmentState	State of the assessment. Value Meaning / 0 State Unknown / 1 Valid / 2 Incoherent With Hardware / 3 No Assessment Available / 4 Invalid
winSatKey	PK in cloud
winSatId	PK in onPrem
winSprLevel	Base score for the computer.

Field	Description
winSatAssessmentState	State of the assessment. Value Meaning / 0 State Unknown / 1 Valid / 2 Incoherent With Hardware / 3 No Assessment Available / 4 Invalid

Modified types

AirWatchApplication

The following fields have been deprecated:

- airWatchApplicationId: String - PK in onPrem
- airWatchDeviceId: String - PK in onPrem
- airWatchApplicationKey: String - PK in cloud
- airWatchDeviceKey: String - PK in cloud
- createdAt: DateTime - Created date in cloud

Final type:

```
type AirWatchApplication {
  name: String
  version: String
  buildVersion: String
  status: String
  size: String
  applicationIdentifier: String
  type: String
  isManaged: Boolean
  lastChanged: DateTime
}
```

Field	Description
Version	Version of the application.
BuildVersion	Build version of the application.
Status	Application status.
Size	Application size in bytes.
ApplicationIdentifier	Unique identifier of the application.
Type	Application type.
IsManaged	Indicates whether the application is managed.
LastChanged	Last time the table record was changed

AirWatchDevice

The following fields have been deprecated:

- airWatchApplication: AirWatchApplicationExport - The airWatchApplication inside AirWatchDevice, this attribute now appears at same level than AirWatchDevice.

- airWatchDeviceId: String - PK in onPrem
- airWatchDeviceKey: String - PK in cloud
- airWatchOrganizationGroup: AirWatchOrganizationGroupExport - Pending to be exposed at same level than AirWatchDevice.
- airWatchOrganizationGroupId: String - FK in onPrem
- airWatchOrganizationGroupKey: String - FK in cloud
- airWatchUser: AirWatchUserExport
- airWatchUserId: String - FK in onPrem
- airWatchUserKey: String - FK in cloud
- assetId: String - FK in onPrem
- assetKey: String- FK in cloud
- clientKey: String - the site id
- deviceKey: String - Id generated in cloud.
- easId: String - EasId of the device.
- easKey: String - Id generated in cloud
- installKey: String - The installer id.
- lastSeen: DateTime - last time seen by scanner
- macAddress: String - The mac address
- udKey: String - Id generated in cloud

The following types have been changed:

- currentMcc: String -> mobileCountryCode: String
- simMcc: String -> simMobileCountryCode: String
- totalPhysicalMemory: String -> totalPhysicalMemory: Float

The following types have been included:

- airWatchOrganizationGroupName: String.

Final type:

```
type AirWatchDevice {
  udId: String
  uuid: String
  assetNumber: String
  availablePhysicalMemory: String
  batteryLevel: String
  complianceStatus: String
  compromisedStatus: Boolean
  mobileCountryCode: String
  deviceFriendlyName: String
  deviceId: String
  enrollmentStatus: String
  imei: String
  isActivationLockEnabled: Boolean
  isCloudBackupEnabled: Boolean
  isDeviceDNDEnabled: Boolean
  isDeviceLocatorEnabled: Boolean
  isNetworkTethered: Boolean
```

```
    isRoaming: Boolean
    isSupervised: Boolean
    lastChanged: DateTime
    lastComplianceCheckOn: DateTime
    lastCompromisedCheckOn: DateTime
    lastEnrolledOn: DateTime
    locationGroupName: String
    model: String
    ownership: String
    osVersion: String
    phoneNumber: String
    platform: String
    processorArchitecture: String
    serialNumber: String
    simMobileCountryCode: String
    systemIntegrityProtectionEnabled: Boolean
    totalPhysicalMemory: Float
    userName: String
    userEmailAddress: String
    virtualMemory: String
  }
```

Field	Description
udid	UDID of the device.
assetNumber	Asset number of the Device.
uuid	The hardware BIOS identification.
availablePhysicalMemory	Device available physical memory.
batteryLevel	The device battery level.
complianceStatus	Overall compliance status of the device.
mobileCountryCode	Current MCC Number.
deviceFriendlyName	Friendly name assigned to the device.
deviceId	Id assigned in AirWatch to the device.
enrollmentStatus	Current enrollment status of the device. For example, Enrolled, Unenrolled etc.
imei	IMEI of the Device.
isActivationLockEnabled	Indicates whether or not the activation lock is enabled on the device. True = Enabled , False = Disabled.
isCloudBackupEnabled	Indicates whether or not the cloud backup is enabled on the device. True = Enabled , False = Disabled.
isDeviceDNDEnabled	Indicates whether or not DND is enabled on the device. True = Enabled , False = Disabled.

Field	Description
isDeviceLocatorEnabled	Indicates whether or not the locator is enabled on the device. True = Enabled , False = Disabled.
isNetworkTethered	Indicates whether or not the network tether is enabled on the device. True = Enabled , False = Disabled.
isRoaming	Indicates whether or not DND is enabled on the device. True = Enabled , False = Disabled.
isSupervised	Flag that indicates whether the device is supervised.
lastComplianceCheckOn	Date\Time of the last compliance check.
lastCompromisedCheckOn	Date\Time of the last compromised status check.
lastEnrolledOn	Date\Time of the last enrollment of the device.
locationGroupName	Name of the organization group to which the device is assigned.
model	OEM model name.
ownership	Ownership type of the device. Values: Corporate-Shared, CorporateDedicated, Employee Owned.
osVersion	The OS version
phoneNumber	The phone number of the device.
platform	Name of the platform.
processorArchitecture	The processor architecture of the Device.
serialNumber	Serialnumber of the device.
simMobileCountryCode	SIM MCC number.
systemIntegrityProtectionEnabled	Indicates whether or not the integrity protection is enabled on the device. True = Enabled , False = Disabled.
totalPhysicalMemory	Device total physical memory.
userName	Name of the enrollment user to whom the device is assigned.
userEmailAddress	Email address of the enrollment user.
virtualMemory	Virtual memory of the device in bytes.
lastChanged	Last time the table record was changed

AirWatchOrganizationGroup

The following fields have been deprecated:

- airWatchOrganizationGroupId: String - PK onPrem
- airWatchOrganizationGroupKey: String - PK onCloud

- clientKey: String - The site id
- installKey: String - The installation id
- organizationGroupKey: String - Key generated in cloud to identify the group

Final type:

```
type AirWatchOrganizationGroup {
  name: String
  organizationGroupId: String
  locationGroupType: String
  country: String
  locale: String
  createdOn: String
  users: String
  admins: String
  devices: String
  lgLevel: String
  uuid: String
  lastChanged: DateTime
}
```

Field	Description
name	
organizationGroupId	Group ID assigned to the organization group.
locationGroupType	Type of the organization group. Example : Global, Customer, Partner, etc
country	Country assigned to the organization group.
locale	Locale of the user.
createdOn	Date\Time when the organization group was created.
users	Number of enrollment users in the organization group.
admins	Number of console admin users in the organization group.
devices	Number of enrolled/unenrolled devices present in the organization group.
lgLevel	Specifies the level in the hierarchy of the organization group. Parent will have level=0, Immediate Child=1, Grandchild=2 and so on
uuid	UUID of the organization group.
lastChanged	last time the table record was changed

AggregatedCursor

Previously called Cursor, the input Cursor follows the same structure.

The following types have been changed:

- tieBreakerId: String -> fieldName: String
- orderFieldValue: String -> fieldValue: String

Final type:

```
type AggregatedCursor {
  fieldName: String
  fieldValue: String
}
```

Field	Description
fieldName	The field name to use as cursor
fieldValue	The value of the field name

AggregatedCursorOrderInput

Previously called OrderInput, the input Cursor follows the same structure.

Final type:

```
input AggregatedCursorOrderInput {
  direction: OrderDirection
  field: String
}
```

Field	Description
direction	The direction defined in enum OrderDirection (same as V1)
field	The field to order

Antivirus

The following fields have been deprecated:

- antiVirusId: String - PK onPrem
- antiVirusKey: String - PK onCloud
- productState: Float - State of the anti-virus software. More info on this here: http://neophob.com/2010/03/wmi-query-windows-securitycenter2/

The following types have been changed:

- onAccessScanningEnabled: Boolean -> enabled: Boolean
- productUpToDate: Boolean -> upToDate: Boolean

Final type:

```
type Antivirus {
  name: String
  lastChanged: DateTime
  upToDate: Boolean
  enabled: Boolean
}
```

Field	Description
name	Name of the Antivirus
lastChanged	last time the table record was changed
upToDate	Indicates whether or not the anti-virus software is up-to-date. Value Meaning , 0 not up-to-date , 1 up-to-date
enabled	Indicates whether or not the anti-virus software is enabled. Value Meaning , 0 disabled , 1 enabled

AssetCustom

The following fields have been deprecated:

- assetCustomId: String - PK onPrem
- contactLock: Boolean - Field used onCloud to avoid override from onPrem contact
- dmiDecodeError: Boolean - Indicates whether or not a Dmidecode error occurred during the last scan. True = Yes , False = No
- locationLock: Boolean - Field used onCloud to avoid override from onPrem location
- lockSystemSku: Boolean - Field used onCloud to avoid override from onPrem system sku
- manufacturerLock: Boolean - Field used onCloud to avoid override from onPrem manufacturer
- modelLock: Boolean - Field used onCloud to avoid override from onPrem model
- preventCleanup: Boolean - Indicates whether or not the asset can be deleted by your database cleanup options. true=cannot be deleted , false=can be deleted , no value=can be deleted
- printedColorPages: Float - See PrinterInfo
- printedMonoPages: Float - See PrinterInfo
- printedPages: Float - See PrinterInfo
- printerStatus: String - See PrinterInfo
- purchaseDateLock: Boolean - Field used onCloud to avoid override from onPrem purchase
- serialNumberLock: Boolean - Field used onCloud to avoid override from onPrem serial number
- smtpHeader: String - SMTP header, if the asset was scanned with SMTP
- stateId: String - FK in onPrem
- stateKey: String - FK in cloud
- warrantyDateLock: Boolean - Field used onCloud to avoid override from onPrem warranty
- assetCustomKey: String - PK onCloud

The following types have been changed:

- systemSku: String -> sku: String

- assetCustom1,2...20: String -> fields: [Field]

Final type:

```
type AssetCustom {
  purchaseDate: DateTime
  warrantyDate: DateTime
  lastPatched: DateTime
  lastFullBackup: DateTime
  lastFullImage: DateTime
  orderNumber: String
  comment: String
  location: String
  building: String
  department: String
  branchOffice: String
  barCode: String
  contact: String
  manufacturer: String
  model: String
  httpTitle: String
  httpServer: String
  httpsServer: String
  ftpHeader: String
  serialNumber: String
  dnsName: String
  sshServer: String
  sku: String
  hardwareVersion: String
  softwareVersion: String
  firmwareVersion: String
  deviceVersion: String
  stateName: String
  fields: [Field]
  lastChanged: DateTime
}
```

Field	Description
purchaseDate	When the asset was purchased. This field is automatically populated for the following manufacturers, by looking up the asset serial on the manufacturer's website: Dell, Fujitsu, IBM, Lenovo and Toshiba. For other manufacturers, it is meant to be filled in manually.
warrantyDate	When the asset's warranty expires. This field is automatically populated for the following manufacturers, by looking up the asset serial on the manufacturer's website: Dell, Fujitsu, IBM, Lenovo and Toshiba. For other manufacturers, it is meant to be filled in manually.
lastPatched	Last time the asset was patched. This field is meant to be filled in manually.

Field	Description
lastFullBackup	Last time a backup of the asset was performed. This field is meant to be filled in manually.
lastFullImage	Last time an image of the asset was taken. This field is meant to be filled in manually.
orderNumber	Order number. This field is meant to be filled in manually.
comment	Comments field found in the Summary tab of your asset pages. This field is meant to be filled in manually and is provided for backward compatibility with older Lansweeper releases. Note that comments added to your assets' Comments tab are stored in tblAssetComments instead.
location	Asset location. This field is automatically populated for SNMP enabled devices. For other assets, it is meant to be filled in manually.
building	Building the asset is located in. This field is meant to be filled in manually.
department	Department the asset is located in. This field is meant to be filled in manually.
branchOffice	Branch office the asset is located in. This field is meant to be filled in manually.
barCode	Barcode. This field is meant to be filled in manually.
contact	Contact person. This field is automatically populated for SNMP enabled devices. For other assets, it is meant to be filled in manually.
manufacturer	Manufacturer. This field is automatically populated, but can be manually overwritten.
model	Asset model. This field is automatically populated, but can be manually overwritten.
httpTitle	HTTP title, if the asset was scanned with HTTP
httpServer	HTTP server, if the asset was scanned with HTTP
httpsServer	HTTP server, if the asset was scanned with HTTP
ftpHeader	FTP header, if the asset was scanned with FTP
serialNumber	Serial number. This field is automatically populated for Linux, Mac, Windows, VMware, network printers and a limited number of other network devices. For other assets, it is meant to be filled in manually.
dnsName	DNS name of the asset
sshServer	SSH server, if the asset was scanned with SSH
sku	System SKU of the asset. This field is automatically populated, if a system SKU can be found.
hardwareVersion	Hardware version, retrieved from plug and play devices via the UPnP, DNS-SD or SSDP protocol.

Field	Description
softwareVersion	Software version, retrieved from plug and play devices via the UPnP, DNS-SD or SSDP protocol.
firmwareVersion	Firmware version, retrieved from plug and play devices via the UPnP, DNS-SD or SSDP protocol.
deviceVersion	Device version, retrieved from plug and play devices via the UPnP, DNS-SD or SSDP protocol.
stateName	Name of the asset state.
fields	Custom Field array, see Field type
lastChanged	last time the table record was changed

AssetBasicInfo

Previously called AssetExport

The following fields have been deprecated:

- asServer: AsServerExport - Information related to Lansweeper scanner.
- asServerId: String - FK - FK onPrem to asServer
- assetGroups: AssetGroupLinkExport - This info is provided in AssestGroup type in ExportFilteredResponse
- assetId: String - PK onPrem
- assetKey: String - PK cloud
- assetNameLock: Boolean - Field used onCloud to avoid override from onPrem aset name
- assetTypeId: String - FK onPrem
- assetTypeKey: String - FK cloud
- assetTypeLock: Boolean - Field used onCloud to avoid override from onPrem type
- assetUnique: String - Unique identifier of the asset, as assigned by Lansweeper. A Windows computer's ID is its domain name/computer name combination. A non-Windows asset's ID is its MAC address (if detected), its IP address (if a MAC is not detected) or a random string (if the asset was manually created without a MAC or IP). Assign an alias to this field to view its actual contents within reports. Without an alias, this field is automatically converted to something else, e.g. the Windows computer's name.
- buildNumber: String - BuildNumber for the SCCM Site
- countAntiVirus: Float - Number antivirus in Antivirus type.
- createdAt: DateTime - Creation date time in cloud
- descriptionLock: Boolean - Field used onCloud to avoid override from onPrem description
- hostTypeId: String - FK onPrem
- hostTypeKey: String - FK cloud
- installKey: String - installation identifier in cloud
- ipLocation: IpLocationExport - This info is provided in IpLocation type in ExportFilteredResponse
- ipLocationId: String - FK onPrem
- ipNumeric: Float - IP address in numeric format. If a machine has multiple IP addresses, this field stores the last IP to be scanned. Additional IP addresses can be found in other tables, e.g. in

tblNetwork for Windows computers.

- lastSaved: DateTime - Last time the table record was changed
- manualMac: Boolean - Indicates whether or not the MAC Address is filled in manually. True= Yes , False=No
- memory: Float - Memory/RAM of the guest machine, in MB.
- nrProcessors: Float - Number of processors/CPUs
- osCodeId: String - PK onPrem
- osCodeKey: String - PK cloud
- pictureUrl: String - Asset image in cloud this image is not accessible from public network.
- processor: String - Processor/CPU model
- scannedBy: Float - Bitmask indicating which scanning methods the asset was scanned by
- servicePack: Float - ServicePack installed, this info is available in OperatingSystem
- serviceVersion: String - ServicePack Version
- version: String - Version number of the operating system, available in OperatingSystem
- vmwareGuest: VmwareGuestExport - This info is provided in VirtualMachine type in ExportFilteredResponse
- windowsName: String - The windows name
- windowsOperatingSystem: WindowsOperatingSystemExport - The windows operating system properties, available in OperatingSystem
- adUser: AdUserExport - The active directory user.

The following types have been changed:

- assetDomain: String -> domain: String
- assetName: String -> name: String
- assetTypeName: String -> type: String

Final type:

```
type AssetBasicInfo {
  domain: String
  name: String
  description: String
  firstSeen: DateTime
  fqdn: String
  ipAddress: String
  lastSeen: DateTime
  mac: String
  type: String
  lastChanged: DateTime
  userName: String
  userDomain: String
  upTime: Float
  lastActiveScan: DateTime
  lastIpScan: DateTime
  lastLsAgent: DateTime
  lastLsFallBack: DateTime
  lastLsPush: DateTime
  lastPerformanceScan: DateTime
  lastSccmScan: String
```

```
    lastScheduled: DateTime
    lastTried: DateTime
    lastTriggered: DateTime
    lastWorkGroupScan: DateTime
    lsAgentVersion: String
    lsPushVersion: String
  }
```

Field	Description
domain	Domain name of the server.
name	The asset name
description	The asset description
firstSeen	First scan attempt made for the asset, successful or unsuccessful
fqdn	Full qualified domain name
ipAddress	The main IP address of the network adapter/interface.
lastSeen	Last successful scan of the asset
mac	asset's main MAC address
type	The asset type
lastChanged	last time the table record was changed
userName	name of the last logged on user
userDomain	domain of the last logged on user
upTime	How long the asset's been on since the last boot, in seconds
lastActiveScan	Last scan attempt made for the asset by the Active Scanning scanning method, successful or unsuccessful
lastIpScan	Last scan attempt made for the asset by the IP Address Range Scanning scanning method, successful or unsuccessful
lastLsAgent	Last scan of the asset by an LsAgent installation.
lastLsFallBack	Date\Time from the last LsFallback scan.
lastLsPush	Last scan of the asset by the LsPush scanning agent
lastPerformanceScan	Date\Time when the performance information was last scanned.
lastSccmScan	Last time the asset was scanned by SCCM
lastScheduled	Last scan attempt made for the asset by the Scheduled Computer Scanning scanning method, successful or unsuccessful
lastTried	Last scan attempt made for the asset, successful or unsuccessful

Field	Description
lastTriggered	Last scan attempt made for the asset using one of the Rescan buttons, successful or unsuccessful
lastWorkGroupScan	Last scan attempt made for the asset by the Workgroup Scanning scanning method, successful or unsuccessful
lsAgentVersion	LsAgent version number of the last LsAgent installation to locally scan the asset.
lsPushVersion	Lansweeper version number of the last LsPush scanning agent to scan the asset

AssetGroup

Previously called AssetGroupLinkExport

The following fields have been deprecated:

- assetGroupId: String - PK onPrem
- builtIn: Boolean - Indicates whether or not the group is a built-in group that cannot be deleted. True - group is built-in | false = group is not built-in | empty = group is not built-in

```
type AssetGroup {
  assetGroupKey: String
  groupName: String
  dynamic: boolean
}
```

Field	Description
assetGroupKey	PK cloud, necessary for internal management of the field
groupName	name of group
dynamic	Indicates whether or not the asset group is a dynamic group, i.e. a group that is populated based on filters.

Autorun

The following fields have been deprecated:

- autorunId: String - PK onPrem
- autorunKey: String - PK cloud
- autorunLocationId: String - FK onPrem
- autorunLocationKey: String - FK cloud
- autorunUnionId: String - FK onPrem
- autorunUnionKey: String - FK cloud

Final type:

```
type Autorun {
  command: String
  commandName: String
  location: String
  lastChanged: DateTime
}
```

Field	Description
command	Command run by the startup command. Example: "c:\winnt\notepad.exe myfile.txt".
commandName	name of the startup command
location	Path where the startup command resides on the disk file system. Example: HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Run.
lastChanged	last time the table record was changed

Baseboard

The following fields have been deprecated:

- baseBoardId: String - PK onPrem
- baseBoardKey: String - PK cloud

The following types have been included:

- From linuxBaseBoards
  - locationinchassis: String -> locationInChassis: String
  - type: String

Final type:

```
type Baseboard {
  manufacturer: String
  serialNumber: String
  version: String
  locationInChassis: String
  type: String
  hostingBoard: Boolean
  product: String
  lastChanged: DateTime
}
```

Field	Description
manufacturer	Name of the manufacturer of the baseboard
serialNumber	Manufacturer-allocated number used to identify the physical element.

Field	Description
version	Version of the physical element.
locationInChassis	Location of the motherboard in the chassis.
type	Type of the motherboard.
hostingBoard	If TRUE, the card is a motherboard, or a baseboard in a chassis.
product	The product name
lastChanged	last time the table record was changed

Battery

The PortableBatteryExport type has been merged in battery.

The following fields have been deprecated:

- From BatteryExport

    - win32_Batteryid: String - PK onPrem
    - batteryKey: String - PK cloud
    - deviceId: String - Internal identifier

- From PortableBatteryExport

    - portableBatteryId: String - PK onPrem
    - portableBatteryKey: String - PK cloud
    - deviceId: String - Internal identifier

The following types have been changed:

- availability: Float -> availability: String
- chemisTry: Float -> chemistry: String
- batteryStatus: Float -> status: String

The following types have been included:

- From PortableBatteryExport

    - capacityMultiPlier: Float -> capacityMultiplier: Float
    - designVoltage: Float
    - location: String
    - manufactureDate: DateTime
    - manufacturer: String
    - maxBatteryError: Float
    - chemisTry: Float -> chemistry: Float

Final type:

```
  type Battery {
    availability: String
    capacityMultiplier: Float
    chemistry: String
    designCapacity: Float
    designVoltage: Float
    location: String
    manufactureDate: DateTime
    manufacturer: String
    maxBatteryError: Float
    name: String
    smartBatteryVersion: String
    lastChanged: DateTime
    status: String
    powerManagementCapabilities: [String]
    powerManagementSupported: Boolean
  }
```

Field	Description
availability	Availability and status of the device.
capacityMultiplier	Multiplication factor of the DesignCapacity value to ensure that the milliwatt hour value does not overflow for Smart Battery Data Specification (SBDS) implementations.
chemistry	Chemistry of the battery., Value Meaning, 1 Other, 2 Unknown, 3 Lead Acid, 4 Nickel Cadmium, 5 Nickel Metal Hydride, 6 Lithium-ion, 7 Zinc air, 8 Lithium Polymer,
designCapacity	Design capacity of the battery in milliwatt-hours. If this property is not supported, enter 0 (zero).
designVoltage	Design voltage of the battery in millivolts. If this attribute is not supported, enter 0 (zero).
location	Physical location of the battery. This property is filled by the computer manufacturer.
manufactureDate	Date when the battery was manufactured.
manufacturer	Manufacturer of the battery.
maxBatteryError	Difference between the highest estimated amount of energy left in the battery and the current amount reported by the battery.
name	Label by which the object is known.
smartBatteryVersion	Smart Battery Data Specification version number supported by this battery. If the battery does not support this function, the value should be left blank.
lastChanged	last time the table record was changed

Field	Description
status	Status of the battery. Value Meaning 1 The battery is discharging. 2 The system has access to AC so no battery is being discharged. However, the battery is not necessarily charging. 3 Fully Charged 4 Low 5 Critical 6 Charging 7 Charging and High 8 Charging and Low 9 Charging and Critical 10 Undefined 11 Partially Charged
powerManagementCapabilities	Array of the specific power-related capabilities of a logical device. The power management features are currently enabled but the exact feature set is unknown or the information is unavailable.
powerManagementSupported	If True, the device can be power-managed (can be put into suspend mode, and so on). The property does not indicate that power management features are currently enabled, only that the logical device is capable of power management.

Bios

The following fields have been deprecated:

- biosId: String - PK onPrem
- biosKey: String - PK cloud

The following types have been changed:

- biosCharacteristic: String -> biosCharacteristics: [String]

The following types have been included:

- From linuxBioses
    - address: String
    - romSize: String
    - runTimeSize: String

Final type:

```
type Bios {
  manufacturer: String
  releaseDate: DateTime
  version: String
  address: String
  runTimeSize: String
  romSize: String
  lastChanged: DateTime
  biosCharacteristics: [String]
  caption: String
  currentLanguage: String
  installableLanguage: Float
  primaryBios: Boolean
  serialNumber: String
```

```
    smbiosBiosVersion: String
    smbiosMajorVersion: Float
    smbiosMinorVersion: Float
    smbiosPresent: Boolean
  }
```

Field	Description
manufacturer	Manufacturer of this software element.
releaseDate	Release date of the Windows BIOS in the Coordinated Universal Time (UTC) format of YYYYMMDDHHMMSS.MMMMMM(+-)OOO.
version	Version of the BIOS. This string is created by the BIOS manufacturer.
address	Physical address.
runTimeSize	Size of the runtime memory.
romSize	Size of the rom memory .
lastChanged	last time the table record was changed
biosCharacteristics	Array of BIOS characteristics supported by the system as defined by the System Management BIOS Reference Specification. Value Meaning 0 Reserved 1 Reserved 2 Unknown 3 BIOS Characteristics Not Supported 4 ISA is supported 5 MCA is supported 6 EISA is supported 7 PCI is supported 8 PC Card (PCMCIA) is supported 9 Plug and Play is supported 10 APM is supported 11 BIOS is Upgradable (Flash) 12 BIOS shadowing is allowed 13 VL-VESA is supported 14 ESCD support is available 15 Boot from CD is supported 16 Selectable Boot is supported 17 BIOS ROM is socketed 18 Boot From PC Card (PCMCIA) is supported 19 EDD (Enhanced Disk Drive) Specification is supported 20 Int 13h - Japanese Floppy for NEC 9800 1.2mb (3.5, 1k Bytes/Sector, 360 RPM) is supported 21 Int 13h - Japanese Floppy for Toshiba 1.2mb (3.5, 360 RPM) is supported 22 Int 13h - 5.25 / 360 KB Floppy Services are supported 23 Int 13h - 5.25 /1.2MB Floppy Services are supported 24 Int 13h - 3.5 / 720 KB Floppy Services are supported 25 Int 13h - 3.5 / 2.88 MB Floppy Services are supported 26 Int 5h, Print Screen Service is supported 27 Int 9h, 8042 Keyboard services are supported 28 Int 14h, Serial Services are supported 29 Int 17h, printer services are supported 30 Int 10h, CGA/Mono Video Services are supported 31 NEC PC-98 32 ACPI is supported 33 USB Legacy is supported 34 AGP is supported 35 I2O boot is supported 36 LS-120 boot is supported 37 ATAPI ZIP Drive boot is supported 38 1394 boot is supported 39 Smart Battery is supported 40:47 Reserved for BIOS vendor 48:63 Reserved for system vendor
caption	Short description of the object.
currentLanguage	Name of the current BIOS language.
installableLanguage	Number of languages available for installation on this system. Language may determine properties such as the need for Unicode and bidirectional text.

Field	Description
primaryBios	If TRUE, this is the primary BIOS of the computer system.
serialNumber	Assigned serial number of the software element.
smbiosBiosVersion	BIOS version as reported by SMBIOS.
smbiosMajorVersion	Major SMBIOS version number. This property is NULL if SMBIOS is not found.
smbiosMinorVersion	Minor SMBIOS version number. This property is NULL if SMBIOS is not found.
smbiosPresent	If true, the SMBIOS is available on this computer system

BootConfiguration

The following fields have been deprecated:

- bootConfigurationId: String - PK onPrem
- bootConfigurationKey: String - PK cloud
- bootConfigurationUnionId: String - FK onPrem
- bootConfigurationUnionKey: String - FK cloud

The following types have been included:

- From Chromeos

    - bootMode: String

- From MacHwOverview

    - bootRomVersion: String

- From MacOsInfo

    - bootMode: String
    - bootVolume: String

Final type:

```
type BootConfiguration {
  caption: String
  bootDirectory: String
  configurationPath: String
  scratchDirectory: String
  tempDirectory: String
  hash: String
  lastChanged: DateTime
  bootMode: String
  bootVolume: String
  bootRomVersion: String
}
```

Field	Description
caption	Short description.
bootDirectory	Path to the system files required for booting the system.
configurationPath	Path to the configuration files.
scratchDirectory	Directory where temporary files can reside during boot time.
tempDirectory	Directory where temporary files are stored.
hash	Hash generated by Lansweeper for the share.
lastChanged	last time the table record was changed
bootMode	Boot mode.
bootVolume	Boot volume.
bootRomVersion	ROM boot version.

Bus

The following types have been changed:

- busNum: Float -> number: String
- busType: Float -> type: String

The following fields have been deprecated:

- busKey: String - PK onPrem
- busId: String - PK cloud

Final type:

```
type Bus {
- number: Float
- type: String
- lastChanged: DateTime
```

Field	Description
number	Logical number assigned to the physical bus.
type	Type of the physical bus. This value will be one of the values in the INTERFACE_TYPE enumeration defined in Bus.h.
lastChanged	last time the table record was changed

CdromDrive

The following fields have been deprecated:

- cdromDriveId: String - PK onPrem
- cdromDriveKey: String - PK cloud
- scsiBus: Float - SCSI bus number for the disk drive.
- scsiLogicalUnit: Float - SCSI logical unit number (LUN) of the disk drive. The LUN is used to designate which SCSI controller is being accessed in a system with more than one controller being used. The SCSI device identifier is similar, but is the designation for multiple devices on one controller.
- scsiPort: Float - SCSI port number of the disk drive.

The following types have been changed:

- capability: String -> capability: [String]

The following types have been included:

- From macDiscBurnings:

    - burnSupport: String
    - burnUnderrunProtection: Boolean
    - cache: String
    - cdWrite: String
    - dvdWrite: String
    - firmware: String
    - interConnect: String
    - media: Boolean
    - readDvd: Boolean
    - writeStrategies: String

- From linuxOpticalDrives:

    - mount: String
    - path: String

Final type:

```
type CdromDrive {
  capability: [String]
  caption: String
  drive: String
  lastChanged: DateTime
  manufacturer: String
  firmware: String
  interConnect: String
  burnSupport: String
  burnUnderrunProtection: Boolean
  cache: String
  cdWrite: String
  dvdWrite: String
  media: Boolean
  readDvd: Boolean
```

```
    writeStrategies: String
  mount: String
  path: String
}
```

Field	Description
capability	Array of capabilities 0 Unknown, 1 Other, 2 Sequential Access, 3 Random Access, 4 Supports Writing, 5 Encryption, 6 Compression, 7 Supports Removable Media, 8 Manual Cleaning, 9 Automatic Cleaning, 10 SMART Notification, 11 Supports Dual-Sided Media, 12 Predismount Eject Not Required
caption	Short description of the object.
drive	Drive letter of the CD-ROM drive.
lastChanged	last time the table record was changed
manufacturer	Manufacturer of the CD-ROM drive.
firmware	Firmware version.
interConnect	Interconnect type.
burnSupport	Burn support of the device.
burnUnderrunProtection	Indicates whether or not the burn underrun protection is enabled. True = Enabled / False = Disabled
cache	Cache memory size in KB.
cdWrite	CD write modes that are supported.
dvdWrite	DVD write modes that are supported
media	Indicates whether or not the device supports media. True = Supported / False = Unsupported
readDvd	Indicates whether or not the device can read DVD's. True = Supported / False = Unsupported
writeStrategies	Write strategies that the device uses
mount	Date\Time the optical drive was mounted.
path	Optical drive path.

ComputerSystem

Old types like ComputerSystemExport, MacosInfoExport and LinuxSystemExport (some fields) are merged in ComputerSystem.

The following fields have been deprecated:

- From computerSystems
  - computerSystemId: String - PK onPrem
  - computerSystemKey: String - PK cloud
  - domainRoleId: String - FK onPrem
  - domainRoleKey: String - FK cloud
  - numberOfLogicalProcessors: Float - Number of logical processors available on the computer. You can use NumberOfLogicalProcessors and NumberOfProcessors to determine if the computer is hyper threading.
  - numberOfProcessors: Float - Number of physical processors currently available on a system. This is the number of enabled processors for a system, which does not include the disabled processors. If a computer system has two physical processors each containing two logical processors, then the value of NumberOfProcessors is 2 and NumberOfLogicalProcessors is 4. The processors may be multicore or they may be hyper threading processors.
  - systemStartupDelay: Float - SystemStartupDelay is no longer available for use because Boot.ini is not used to configure system startup. Instead, use the BCD classes supplied by the Boot Configuration Data (BCD) WMI provider or the Bcdedit command.
  - systemStartupSetting: Float - SystemStartupOptions is no longer available for use because Boot.ini is not used to configure system startup. Instead, use the BCD classes supplied by the Boot Configuration Data (BCD) WMI provider or the Bcdedit command.
  - totalPhysicalMemory: Float - Total size of physical memory. Be aware that, under some circumstances, this property may not return an accurate value for the physical memory. For example, it is not accurate if the BIOS is using some of the physical memory. For an accurate value, use the Capacity property in Win32_PhysicalMemory instead.

The following types have been changed:

- From computerSystems
  - adminPasswordStatus: Float -> adminPasswordStatus: String
  - keyboardPasswordStatus: Float -> keyboardPasswordStatus: String
  - bootOptionOnLimit: Float -> bootOptionOnLimit: String
  - bootoptionOnWatchDog: Float -> bootOptionOnWatchDog: String
  - chassisBootupState: Float -> chassisBootupState: String
  - frontPanelResetStatus: Float -> frontPanelResetStatus: String
  - powerOnPasswordStatus: Float -> powerOnPasswordStatus: String
  - powerState: Float -> powerState: String
  - powerSupplyState: Float -> powerSupplyState: String
  - resetCapability: Float -> resetCapability: String
  - thermalState: Float -> thermalState: String
  - wakeupType: Float -> wakeupType: String
  - domainRoleName: String -> domainRole: String

The following types have been included:

- From linuxSystem
  - manufacturer: String
  - productName: String
  - systemSku: String -> sku: String
  - serial: String

Final type:

```
type ComputerSystem {
  manufacturer: String
  productName: String
  systemSku: String
  serial: String
  adminPasswordStatus: String
  automaticResetBootOption: Boolean
  automaticResetCapability: Boolean
  bootRomSupported: Boolean
  chassisBootupState: String
  currentTimeZone: Float
  daylightInEffect: Boolean
  enableDaylightSavingsTime: Boolean
  frontPanelResetStatus: String
  infraredSupported: Boolean
  keyboardPasswordStatus: String
  model: String
  networkServerModeEnabled: Boolean
  partOfDomain: Boolean
  pauseAfterReset: Float
  powerOnPasswordStatus: String
  powerState: String
  powerSupplyState: String
  resetCapability: String
  resetCount: Float
  resetLimit: Float
  role: String
  bootOptionOnLimit: String
  bootOptionOnWatchDog: String
  systemStartupDelay: Float
  systemStartupSetting: Float
  systemType: String
  thermalState: String
  wakeupType: String
  domainRole: String
  lastChanged: DateTime
}
```

Field	Description
manufacturer	Manufacturer.
productName	Product name.
systemSku	System SKU of the asset. This field is automatically populated, if a system SKU can be found.
serial	The system identification information.

Field	Description
adminPasswordStatus	System hardware security settings for administrator password status. Value Meaning: 0 Disabled, 1 Enabled, 2 Not Implemented, 3 Unknown
automaticResetBootOption	If True, the automatic reset boot option is enabled.
automaticResetCapability	If True, the automatic reset is enabled.
bootRomSupported	If True, indicates whether a boot ROM is supported.
chassisBootupState	Boot up state of the chassis. Value Meaning: 1 Other, 2 Unknown, 3 Safes, 4 Warning, 5 Critical, 6 Nonrecoverable,
currentTimeZone	Amount of time the unitary computer system is offset from Coordinated Universal Time (UTC).
daylightInEffect	If True, the daylight savings mode is ON.
enableDaylightSavingsTime	Enables daylight savings time (DST) on a computer. A value of True indicates that the system time changes to an hour ahead or behind when DST starts or ends. A value of False indicates that the system time does not change to an hour ahead or behind when DST starts or ends. A value of NULL indicates that the DST status is unknown on a system.
frontPanelResetStatus	The following table lists the hardware security settings for the reset button on a computer., Value Meaning, 0 (0x0) Disabled, 1 (0x1) Enabled, 2 (0x2) Not Implemented, 3 (0x3) Unknown,
infraredSupported	If True, an infrared (IR) port exists on a computer system.
keyboardPasswordStatus	System hardware security settings for Keyboard Password Status. Value Meaning: 0 Disabled, 1 Enabled, 2 Not Implemented, 3 Unknown.
model	Product name that a manufacturer gives to a computer. This information is pulled from the Win32_ComputerSystem WMI class.
networkServerModeEnabled	If True, the network Server Mode is enabled.
partOfDomain	If True, the computer is part of a domain. If the value is NULL, the computer is not in a domain or the status is unknown. If you unjoin the computer from a domain, the value becomes false.
pauseAfterReset	Time delay before a reboot is initiated—in milliseconds. It is used after a system power cycle, local or remote system reset, and automatic system reset. A value of −1 (minus one) indicates that the pause value is unknown.
powerOnPasswordStatus	System hardware security settings for Power-On Password Status. Value Meaning: 0 Disabled, 1 Enabled, 2 Not Implemented, 3 Unknown.

Field	Description
powerState	Current power state of a computer and its associated operating system. The power saving states have the following values: Value 4 (Unknown) indicates that the system is known to be in a power save mode, but its exact status in this mode is unknown; 2 (Low Power Mode) indicates that the system is in a power save state, but still functioning and may exhibit degraded performance; 3 (Standby) indicates that the system is not functioning, but could be brought to full power quickly; and 7 (Warning) indicates that the computer system is in a warning state and a power save mode. Value Meaning: 0 Unknown, 1 Full Power, 2 Power Save - Low Power Mode, 3 Power Save - Standby, 4 Power Save - Unknown, 5 Power Cycle, 6 Power Off, 7 Power Save - Warning.
powerSupplyState	State of the power supply or supplies when last booted. The following list identifies the values for this property. Value Meaning: 1 Other, 2 Unknown, 3 Safe, 4 Warning, 5 Critical, 6 Nonrecoverable.
resetCapability	If enabled, the value is 4 and the unitary computer system can be reset using the power and reset buttons. If disabled, the value is 3, and a reset is not allowed. Value Meaning: 1 Other, 2 Unknown, 3 Disabled, 4 Enabled, 5 Not Implemented.
resetCount	The number of times a PC device has hibernated or resumed.
resetLimit	Number of consecutive times a system reset is attempted. A value of −1 (minus one) indicates that the limit is unknown.
role	specifies the role of a system in the information technology environment.
systemType	System running on the Windows-based computer. This property must have a value., The following list identifies some of the possible values for this property., "x64-based PC", "X86-based PC", "MIPS-based PC", "Alpha-based PC", "Power PC", "SH-x PC", "StrongARM PC", "64-bit Intel PC", "64-bit Alpha PC", "Unknown", "X86-Nec98 PC",
thermalState	Thermal state of the system when last booted. Value Meaning: 1 Other, 2 Unknown, 3 Safe, 4 Warning, 5 Critical, 6 Nonrecoverable.
wakeupType	Event that causes the system to power up. Value Meaning: 0 Reserved, 1 Other, 2 Unknown, 3 APM Timer, 4 Modem Ring, 5 LAN Remote, 6 Power Switch, 7 PCI PME#, 8 AC Power Restored
domainRole	Role of a computer in an assigned domain workgroup. A domain workgroup is a collection of computers on the same network. For example, a DomainRole property may show that a computer is a member workstation
lastChanged	Last time the table record was changed

GraphicsCard

Previously called VideoControllerExport

The following fields have been deprecated:

- videoControllerId: String - PK onPrem
- videoControllerKey: String - PK cloud

The following types have been changed:

- availabilityId: String -> availability: String
- currentScanMode: Float -> currentScanMode: String
- lastChanged: String -> lastChanged: DateTime

The following types have been included:

- From LinuxGraphicCard
    - manufacturer: String
    - subSystemManufacturer: String
    - subSystemName: String
    - type: String
    - deviceId: String

Final type:

```
type GraphicsCard {
  caption: String
  manufacturer: String
  subSystemName: String
  subSystemManufacturer: String
  type: String
  deviceId: String
  lastChanged: DateTime
  adapterCompatibility: String
  adapterRam: Float
  availability: String
  currentBitsPerPixel: Float
  currentHorizontalResolution: Float
  currentNumberOfColors: Float
  currentRefreshRate: Float
  currentScanMode: String
  currentVerticalResolution: Float
  deviceSpecificPens: Float
  driverVersion: String
  maxRefreshRate: Float
  minRefreshRate: Float
  monochrome: Boolean
  numberOfColorPlanes: Float
  videoArchitecture: Float
  videoMemoryType: Float
```

```
    videoModeDescription: String
  }
```

Field	Description
caption	Short description of the object.
manufacturer	Manufacturer.
subSystemName	Name of the subsystem.
subSystemManufacturer	Manufacturer of the subsystem.
type	Graphic card type.
deviceId	Device ID.
lastChanged	last time the table record was changed
adapterCompatibility	General chipset used for this controller to compare compatibilities with the system.
adapterRam	Memory size of the video adapter.
availability	Availability and status of the device. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Running or Full Power 4 (0x4) Warning 5 (0x5) In Test 6 (0x6) Not Applicable 7 (0x7) Power Off 8 (0x8) Offline 9 (0x9) Off Duty 10 (0xA) Degraded 11 (0xB) Not Installed 12 (0xC) Install Error 13 (0xD) Power Save - Unknown The device is known to be in a power save mode, but its exact status is unknown. 14 (0xE) Power Save - Low Power Mode The device is in a power save state but still functioning, and may exhibit degraded performance. 15 (0xF) Power Save - Standby The device is not functioning, but could be brought to full power quickly. 16 (0x10) Power Cycle 17 (0x11) Power Save - Warning The device is in a warning state, though also in a power save mode.
currentBitsPerPixel	Number of bits used to display each pixel.
currentHorizontalResolution	Current number of horizontal pixels.
currentNumberOfColors	Number of colors supported at the current resolution.
currentRefreshRate	Frequency at which the video controller refreshes the image for the monitor. A value of 0 (zero) indicates the default rate is being used, while 0xFFFFFFFF indicates the optimal rate is being used.
currentScanMode	Current scan mode. Value Meaning 1 Other 2 Unknown 3 Interlaced 4 Noninterlaced
currentVerticalResolution	Current number of vertical pixels.
deviceSpecificPens	Current number of device-specific pens. A value of 0xffff means that the device does not support pens.

Field	Description
driverVersion	Last modification date and time of the currently installed video driver.
maxRefreshRate	Maximum refresh rate of the video controller in hertz.
minRefreshRate	Minimum refresh rate of the video controller in hertz.
monochrome	If TRUE, gray scale is used to display images.
numberOfColorPlanes	Current number of color planes. If this value is not applicable for the current video configuration, enter 0 (zero).
videoArchitecture	Type of video architecture. Value Meaning 1 Other 2 Unknown 3 CGA 4 EGA 5 VGA 6 SVGA 7 MDA 8 HGC 9 MCGA 10 8514A 11 XGA 12 Linear Frame Buffer 160 PC-98
videoMemoryType	Type of video memory. Value Meaning 1 Other 2 Unknown 3 VRAM 4 DRAM 5 SRAM 6 WRAM 7 EDO RAM 8 Burst Synchronous DRAM 9 Pipelined Burst SRAM 10 CDRAM 11 3DRAM 12 SDRAM 13 SGRAM
videoModeDescription	Current resolution, color, and scan mode settings of the video controller.

GroupedAggSoftwareCursoredResponse

Previously called GroupedSoftwareCursoredResponse

The following types have been changed:

- current: Cursor -> current: [AggregatedCursor]
- next: Cursor -> next: [AggregatedCursor]

Final type:

```
type GroupedAggSoftwareCursoredResponse {
  total: Int
  items: [GroupedSoftware]
  limit: Int
  order: [CursorOrder]
  current: [AggregatedCursor]
  next: [AggregatedCursor]
}
```

Field	Description
total	Total number of software in a site
items	The Software items
limit	The limit of items requested

Field	Description
order	The order applied
current	The current cursor value, it points to the begining of the current software list retrieved
next	The next cursor value, used for navigate to next software lists

LogicalDisk

Previously called DiskDriveExport

The following fields have been deprecated:

- diskDriveId: String - PK onPrem
- diskDriveKey: String - PK cloud

The following types have been changed:

- From diskDrives:

    - driveType: Float -> driveType: String

- From azureDisk:

    - diskSizeGb: Float -> size: String

The following types have been included:

- From azureVirtualMachineDataDisk

    - cachingType: String
    - diskType: String
    - isDiskEncryptionEnabled: Boolean
    - isWriteAcceleratorEnabled: Boolean
    - mountedOn: String

- From azureDisk

    - azureDiskKey: String
    - region: String
    - tags: String
    - provisioningState: String -> state: String
    - creationMethod: String
    - osType: String
    - storageAccountType: String
    - creationSourceType: String
    - timeCreated: String
    - zone: String
    -

- From vmwareDisk

- url: String
- datastoreKey: String

Final type:

```
type LogicalDisk {
  fileSystem: String
  freeSpace: Float
  size: Float
  mountedOn: String
  lastChanged: DateTime
  caption: String
  compressed: Boolean
  description: String
  driveType: String
  volumeName: String
  volumeSerialNumber: String
  isWriteAcceleratorEnabled: Boolean
  isDiskEncryptionEnabled: Boolean
  cachingType: String
  diskType: String
  azureDiskKey: String
  region: String
  tags: String
  state: String
  creationMethod: String
  osType: String
  storageAccountType: String
  creationSourceType: String
  timeCreated: String
  zone: String
  url: String
  datastoreKey: String
}
```

Field	Description
fileSystem	File system on the logical disk.
freeSpace	Space, in bytes, available on the logical disk.
size	Size, in bytes, of the disk drive.
mountedOn	Date\Time the hard disk was mounted.
lastChanged	last time the table record was changed
caption	Short description.
compressed	If True, the logical volume exists as a single compressed entity, such as a DoubleSpace volume. If file based compression is supported, such as on NTFS, this property is False.

Field	Description
description	Description of the object.
driveType	Numeric value that corresponds to the type of disk drive this logical disk represents. Value Meaning 0 Unknown 1 No Root Directory 2 Removable Disk 3 Local Disk 4 Network Drive 5 Compact Disc 6 RAM Disk
volumeName	Volume name of the logical disk.
volumeSerialNumber	Volume serial number of the logical disk.
isWriteAcceleratorEnabled	Flag that indicates whether write accelerator is enabled on the disk.
isDiskEncryptionEnabled	Indicates if the disk is encrypted
cachingType	The disk caching type. Possible values: None, ReadOnly, ReadWrite
diskType	The type of the data disk. Possible values: None, OS, Managed, Unmanaged
azureDiskKey	The internal ID used by Azure to locate this resource.
region	The physical location name where the metadata is stored.
tags	Tags attached to the disk resource. This is a dictionary stored in a JSON format.
state	The provisioning state of the disk. Possible values: Canceled, Failed, Succeeded.
creationMethod	The disk creation method. Possible values: Attach, Copy, Empty, From_Image, Import.
osType	The type of operating system on the disk. Possible values: Windows, Linux.
storageAccountType	The storage account type for the managed disk. Possible values: Standard_LRS, Premium_LRS, and StandardSSD_LRS.
creationSourceType	Detailed information on how the disk is created. Possible values: FromOSDiskImage, FromDataDiskImage, ImportedFromVHD, CopiedFromSnapshot, CopiedFromDisk, Empty, Unknown
timeCreated	The time when the disk was created.
zone	Comma-separated logical zone list for the disk.
url	URL of the disk.
datastoreKey	FK that associates the LogicalDisk to the DataStore it belongs to.

HardDisk

Previously called DiskExport

The following fields have been deprecated:

- diskId: String - PK onPrem
- diskKey: String - PK cloud

Final type:

```
type HardDisk {
  bytesPerSector: Float
  firmwareRevision: String
  interfaceType: String
  manufacturer: String
  model: String
  name: String
  partitions: Float
  sectorsPerTrack: Float
  serialNumber: String
  size: Float
  status: String
  totalCylinders: Float
  totalHeads: Float
  totalSectors: Float
  totalTracks: Float
  tracksPerCylinder: Float
  lastChanged: DateTime
}
```

Field	Description
bytesPerSector	Number of bytes in each sector for the physical disk drive.
firmwareRevision	Revision for the disk drive firmware that is assigned by the manufacturer.
interfaceType	Interface type of physical disk drive. The values are: SCSI HDC IDE USB 1394
manufacturer	Name of the disk drive manufacturer.
model	Manufacturer's model number of the disk drive.
name	Label by which the object is known. When subclassed, the property can be overridden to be a key property.
partitions	Number of partitions on this physical disk drive that are recognized by the operating system.
sectorsPerTrack	Number of sectors in each track for this physical disk drive.
serialNumber	Number allocated by the manufacturer to identify the physical media.
size	Size of the disk drive. It is calculated by multiplying the total number of cylinders, tracks in each cylinder, sectors in each track, and bytes in each sector.

Field	Description
status	Current status of the object. Various operational and nonoperational statuses can be defined. Operational statuses include: "OK", "Degraded", and "Pred Fail" (an element, such as a SMART-enabled hard disk drive, may be functioning properly but predicting a failure in the near future). Nonoperational statuses include: "Error", "Starting", "Stopping", and "Service". The latter, "Service", could apply during mirror-resilvering of a disk, reload of a user permissions list, or other administrative work. Not all such work is online, yet the managed element is neither "OK" nor in one of the other states.
totalCylinders	Total number of cylinders on the physical disk drive. Note: the value for this property is obtained through extended functions of BIOS interrupt 13h. The value may be inaccurate if the drive uses a translation scheme to support high-capacity disk sizes. Consult the manufacturer for accurate drive specifications.
totalHeads	Total number of heads on the disk drive. Note: the value for this property is obtained through extended functions of BIOS interrupt 13h. The value may be inaccurate if the drive uses a translation scheme to support high-capacity disk sizes. Consult the manufacturer for accurate drive specifications.
totalSectors	Total number of sectors on the physical disk drive. Note: the value for this property is obtained through extended functions of BIOS interrupt 13h. The value may be inaccurate if the drive uses a translation scheme to support high-capacity disk sizes. Consult the manufacturer for accurate drive specifications.
totalTracks	Total number of tracks on the physical disk drive. Note: the value for this property is obtained through extended functions of BIOS interrupt 13h. The value may be inaccurate if the drive uses a translation scheme to support high-capacity disk sizes. Consult the manufacturer for accurate drive specifications.
tracksPerCylinder	Number of tracks in each cylinder on the physical disk drive. Note: the value for this property is obtained through extended functions of BIOS interrupt 13h. The value may be inaccurate if the drive uses a translation scheme to support high-capacity disk sizes. Consult the manufacturer for accurate drive specifications.
lastChanged	last time the table record was changed

DiskPartition

The following fields have been deprecated:

- diskPartitionId: String - PK onPrem
- diskPartitionKey: String - PK cloud

The following types have been included:

- available: Float
- fileSystem: String
- mountedOn: String

- used: Float

Final type:

```
type DiskPartition {
  size: Float
  available: Float
  fileSystem: String
  mountedOn: String
  used: Float
  lastChanged: DateTime
  blockSize: Float
  bootable: Boolean
  bootPartition: Boolean
  diskIndex: Float
  index: Float
  numberOfBlocks: Float
  primaryPartition: Boolean
  startingOffset: Float
  type: String
}
```

Field	Description
size	Total size of the partition.
available	Partition space available.
fileSystem	Name.
mountedOn	Date\time the partition was mounted.
used	Partition space used in bytes.
lastChanged	last time the table record was changed
blockSize	Size in bytes of the blocks which form this storage extent. If unknown or if a block concept is not valid (for example, for aggregate extents, memory or logical disks), enter a 1.
bootable	Computer can be booted from this partition.
bootPartition	Partition is the active partition. The operating system uses the active partition when booting from a hard disk.
diskIndex	Index number of the disk containing this partition.
index	Index number of the partition.

Field	Description
numberOfBlocks	Total number of consecutive blocks, each block the size of the value contained in the BlockSize property, which form this storage extent. Total size of the storage extent can be calculated by multiplying the value of the BlockSize property by the value of this property. If the value of BlockSize is 1, this property is the total size of the storage extent.
primaryPartition	If True, this is the primary partition.
startingOffset	Starting offset (in bytes) of the partition.
type	Type of the partition. The values are: "Unused" "12-bit FAT" "Xenix Type 1" "Xenix Type 2" "16-bit FAT" "Extended Partition" "MS-DOS V4 Huge" "Installable File System" "PowerPC Reference Platform" "UNIX" "NTFS" "Win95 w/Extended Int 13" "Extended w/Extended Int 13" "Logical Disk Manager" "Unknown"

Error

This type contains all Lansweeper scanning errors.

The following fields have been deprecated:

- errorId: String - PK onPrem
- errorKey: String - PK cloud

The following fields have been changed:

- errorTypeName: String -> type: String
- errorText: String -> text: String

Final type:

```
type Error {
  type: String
  text: String
  lastChanged: DateTime
}
```

Field	Description
type	The error type name
text	error message
lastChanged	last time the table record was changed

FileProperty

This type stores the file properties of Windows files scanned through custom file scanning.

The following fields have been deprecated:

- filePropertyId: String - PK onPrem

The following fields have been changed:

- filePathfull: String -> pathfull: String
- fileVersion: String -> version: String
- fileSize: Float -> size: Float

Final type:

```
type FileProperty {
  found: Boolean
  pathfull: String
  version: String
  companyName: String
  size: Float
  lastChanged: Date
  creationDate: Date
  lastAccessed: Date
  lastModified: Date
}
```

Field	Description
found	Indicates whether or not the file was found on the computer.
pathfull	File path of the file
version	Version number
companyName	Company name
size	File size in bytes
lastChanged	Last time the table record was changed
creationDate	Creation date of the file
lastAccessed	Last time the file was accessed on the computer
lastModified	Last time the file was modified on the computer

IDEController

This table contains information about the integrated device electronics (IDE) controller device. It only stores Windows computer data pulled from the Win32_IDEController WMI class. More info on this class can be found here: http://msdn.microsoft.com/en-us/library/aa394155%28v=VS.85%29.aspx

Final type:

```
type IDEController {
  caption: String
  manufacturer: String
  protocolSupported: String
  lastChanged: Date
}
```

Field	Description
caption	Short description.
manufacturer	Manufacturer of the IDE controller device.
protocolSupported	Protocol used by the controller to access "controlled" devices. Value Meaning: 1 Other, 2 Unknown, 3 EISA, 4 ISA, 5 PCI, 6 ATA/ATAPI, 7 Flexible Diskette, 8 1496, 9 SCSI Parallel Interface, 10 SCSI Fibre Channel Protocol, 11 SCSI Serial Bus Protocol, 12 SCSI Serial Bus Protocol-2 (1394), 13 SCSI Serial Storage Architecture, 14 VESA, 15 PCMCIA, 16 Universal Serial Bus, 17 Parallel Protocol, 18 ESCON, 19 Diagnostic, 20 I2C, 21 Power, 22 HIPPI, 23 MultiBus, 24 VME, 25 IPI, 26 IEEE-488, 27 RS232, 28 IEEE 802.3 10BASE5, 29 IEEE 802.3 10BASE2, 30 IEEE 802.3 1BASE5, 31 IEEE 802.3 10BROAD36, 32 IEEE 802.3 100BASEVG, 33 IEEE 802.5 Token-Ring, 34 ANSI X3T9.5 FDDI, 35 MCA, 36 ESDI, 37 IDE, 38 CMD, 39 ST506, 40 DSSI, 41 QIC2, 42 Enhanced ATA/IDE, 43 AGP, 44 TWIRP (two-way infrared), 45 FIR (fast infrared)
lastChanged	Last time the table record was changed

Features

This table contains information about the optional features on a Windows computer. This type merge Feature and FeatureUni.

The following fields have been deprecated:

- featureId: String - PK onPrem
- featureKey: String - PK cloud
- featUniId: String - PK onPrem
- featureUnionId: String - PK onPrem

The following types have been changed:

- featureName: String -> name: String
- featureCaption: String -> caption: String

Final type:

```
type Feature {
  name: String
  caption: String
```

```
    addedDate: Date
    lastChanged: Date
  }
```

Field	Description
name	Represents the name of the optional feature.
caption	A textual description of the object.
addedDate	First time added to table
lastChanged	Last time the table record was changed

ItemsResponse

Type to represent the answer of assetResources query.

The following fields have been deprecated:

- order: AssetsOrder
- page: AssetsPage

Final type:

```
type ItemsResponse {
  total: Int
  pagination: AssetsPagination
  items: [JSON]
}
```

Field	Description
total	The total number of results
pagination	The pagination type
items	The array of asset items returned

Site

This type defines all queries allowed in Lansweeper apis under site context.

The following fields have been changed:

- assetResources, order input removed
- softwares, assetKey input renamed to key
- standardizedSoftwareListWithCursor has been changed by a the query softwareListWithCursor, the order field has been moved inside AggregatedPaginatedCursorInput type Final type:

```
type Site {
  id: ID!
  name: String
  companyName: String
  logoUrl: String
  softwareListWithCursor(pagination: AggregatedPaginatedCursorInput,
filter: [SearchInput], aggregationBucketSize: Int):
GroupedAggSoftwareCursoredResponse
  softwareDetailsById(id: ID!): SoftwareDetails
  assetResources(pagination: AssetsPaginationInput, fields: [String!]!,
filters: AssetsFilterGroupedInput): ItemsResponse @requires(fields: "name")
  exportStatus(exportId: ID!): ExportStatusResponse
  softwares(key: String!, filters: SoftwareFilterGroupedInput, fields:
[String!]!, orderBy: String, orderDirection: OrderDirection):
SoftwaresResponse
}
```

See official documentation

ExportFilteredResponse

This is the base type, all changes explained in this document produce the final type explained below.

Final type:

```
type ExportFilteredResponse {
  assetBasicInfo: AssetBasicInfo
  operatingSystem: OperatingSystem
  memoryArrays: [MemoryArray]
  volumes: [Volume]
  memoryModules: [MemoryModule]
  cdromDrives: [CdromDrive]
  portConnectors: [PortConnector]
  processors: [Processor]
  printers: [Printer]
  assetCustom: AssetCustom
  baseboards: [Baseboard]
  batteries: [Battery]
  graphicsCards: [GraphicsCard]
  usbDevices: [UsbDevices]
  usbControllers: [UsbControllers]
  tapeDrives: [TapeDrive]
  systemEnclosures: [SystemEnclosure]
  pointingDevices: [PointingDevice]
  pcmciaControllers: [PcmciaController]
  networks: [Network]
  hyperVGuests: [HyperVGuest]
  monitors: [Monitor]
  mappedDrives: [MappedDrive]
  networkAdapters: [NetworkAdapter]
  registries: [Registry]
```

```
    serialNumbers: [SerialNumber]
    soundDevices: [SoundDevice]
    tpms: [Tpm]
    shares: [Share]
    logicalDisks: [LogicalDisk]
    diskPartitions: [DiskPartition]
    hardDisks: [HardDisk]
    keyboards: [Keyboard]
    pciCards: [PciCard]
    operatingSystemRecoveryConfigurations:
  [OperatingSystemRecoveryConfiguration]
    modems: [Modem]
    quickFixEngineerings: [QuickFixEngineering]
    snmpInfos: [SnmpInfo]
    sqlservers: [Sqlserver]
    tonerInformation: TonerInformation
    ups: [Ups]
    warranties: [Warranty]
    printerInfo: PrinterInfo
    bioses: [Bios]
    bootConfigurations: [BootConfiguration]
    autoruns: [Autorun]
    antiviruses: [Antivirus]
    scsiControllers: [ScsiController]
    errors: [Error]
    assetGroups: [AssetGroup]
    airWatchDevice: AirWatchDevice
    airWatchApplications: [AirWatchApplication]
    ipLocation: IpLocation
    computerSystems: [ComputerSystem]
    virtualMachine: VirtualMachine
    vCenter: VCenter
    vmwareProductInfo: VmwareProductInfo
    datastoreCluster: DatastoreCluster
    esxiClusters: [EsxiCluster]
    datastore: Datastore
    resourceGroup: ResourceGroup
    virtualNetworks: [VirtualNetwork]
    onBoardDevices: [OnBoardDevice]
    softwares: [Software]
    users: [User]
    url: String
    _id: String
    key: String
    installKey: String
    tenantId: String
    exportId: ID
  }
```

Field	Description
assetBasicInfo	Basic information of the asset

Field	Description
operatingSystem	Operating System information
memoryArrays	Memory slots
volumes	Volumes
memoryModules	Memory RAM modules
cdromDrives	CDRom units
portConnectors	Different types of connectors (serial, parallel,macFirewires)
processors	Information about processor
printers	Configured printers in your windows system
assetCustom	Asset information customized by an user
baseboards	Baseboard information
batteries	Internal or portable battery information
graphicsCards	Represents a graphic card
usbDevices	Plug and play USB devices in windows
usbControllers	USB Controllers in windows
tapeDrives	Tape drive information running on windows
systemEnclosures	Physical system enclousure
pointingDevices	Information related to different point devices
pcmciaControllers	Controllers of PCMCIA
networks	Asset networks detected
monitors	Monitor devices detected
mappedDrives	Mapped drives
networkAdapters	Network adapters
registries	Windows registry information
serialNumbers	Software serial numbers pulled from a Windows computer's registry
soundDevices	Sound devices
tpms	Trusted Platform Modules
shares	Shared elements in Windows computer
logicalDisks	Information related to disks operating system
diskPartitions	Different partitions of a hard disk

Field	Description
hardDisks	Hard disk information
keyboards	Keyboard information
pciCards	PCI card information
operatingSystemRecoveryConfigurations	All windows system recovery configuration
modems	Configured modems detected in the asset
quickFixEngineerings	Windows patch applied
snmpInfos	Data related to Switch interfaces/ports
sqlservers	Sql server information
tonerInformation	Toner information
ups	Uninterruptable Power Supply information
warranties	Warranty information
printerInfo	Data related to printers
bioses	Bios information
bootConfigurations	Boot configuration data
autoruns	Windows computer autoruns detected
antiviruses	Antivirus detected
scsiControllers	Scsi controllers
errors	Lansweeper scanning errors
assetGroups	Different groups in which an asset has been categorized
airWatchDevice	Air watch device information
airWatchApplications	Air watch device applications
ipLocation	Different ip locations detected
computerSystems	General overview of the computer system
virtualMachine	Information related to virtual machines (vmware, Hyper-V Guest, Azure...)
dataCenter	Contains VMWare Data Center data
datastoreCluster	Describes information ov VMWare Data Store Cluster
esxiClusters	VMWare ESXI Cluster data
datastore	VMWare Data Store information
resourceGroup	Azure resource group information

Field	Description
virtualNetworks	Virtual Networks detected
onBoardDevices	On board devices
softwares	Software detected in the asset, in case standarized software is availabie the provided information is standarized software.
users	Users detected
url	URL of Lansweeper ADP web page
_id	Internal ID of the asset in cloud
key	PK of the asset in cloud
installKey	Identifier of installation who discovered the asset
tenantId	The site identifier
exportId	The export ID generated in case the requested operation is an export

HyperVGuest

The following types have been deprecated:

- hyperVGuestKey: String - PK cloud
- hyperVGuestId: String - PK onPrem

The following types have been changed:

- memory: Float -> memorySize: Float
- hyperVGuestNetworks: HyperVGuestNetworkExport -> networks: HyperVNetworks

Final type:

```
type HyperVGuest {
  name: String
  memorySize: Float
  enabledState: String
  healthState: String
  guestAssetKey: String
  lastChanged: Date
  networks: HyperVNetworks
}
```

Field	Description
name	Name of the guest machine

Field	Description
memorySize	Memory/RAM of the guest machine, in MB
enabledState	State of the guest machine. Values: Unknown, Enabled, Disabled, Paused, Suspended, Starting, Snapshotting, Saving, Stopping, Pausing, Resuming
healthState	The current health state of the guest machine. Values: OK, Major failure, Critical failure
guestAssetKey	The Asset (Hyper-V Guest) that is generated for this specific Hyper-V Guest
lastChanged	Last time the table record was changed
networks	The MAC addresses of virtual guest machines in this Hyper-V configuration

HyperVNetworks

The following types have been deprecated:

- hyperVGuestId: String - PK onPrem
- hyperVGuestKey: String - PK cloud
- hyperVGuestNetworkId: String - FK onPrem
- hyperVGuestNetworkKey: String - FK cloud

Final type:

```
type HyperVNetworks {
  macAddress: String
  lastChanged: Date
}
```

Field	Description
macAddress	MAC address of the guest machine. If the guest machine has been scanned by Lansweeper as well, this field can be linked to the Mac field of tblAssetMacAddress, which in turn can be linked to tblAssets on the AssetID field to retrieve additional guest data.
lastChanged	Last time the table record was changed

IpLocation

The following fields have been deprecated:

- ipLocationId: String - PK onPrem

Final type:

```
type IpLocation {
  ipLocation: String
  realStart: String
  realEnd: String
  packageShare: String
  shareUserName: String
  sharePassword: String
  shareKeyHash: String
  ipLocationKey: String
  startIp: Float
  endIp: Float
}
```

Field	Description
ipLocation	The location
realStart	Real start of IP Location
realEnd	Real end of IP Location
packageShare	Package share
shareUserName	Share userName
sharePassword	Share password
shareKeyHash	Share key hash
ipLocationKey	Internal Key to correlate the IP Location
startIp	Location start IP
endIp	Location end IP

User

The following types have been changed:

- accountType: Float -> accountType: String

The following fields have been deprecated:

- userid: String

Final type:

```
type User {
        accountType: String
        disabled: Boolean
        fullName: String
        lockout: Boolean
        name: String
```

```
        passwordChangeable: Boolean
        passwordExpires: Boolean
        passwordRequired: Boolean
        status: String
        lastChanged: Date
        buildInAdmin: Boolean
  }
```

Field	Description
accountType	Flags that describe the characteristics of a Windows user account. Value (Dec/Hex) Meaning 256 (0x100) UF_TEMP_DUPLICATE_ACCOUNT Local user account for users who have a primary account in another domain. This account provides user access to this domain only—not to any domain that trusts this domain. 512 (0x200) UF_NORMAL_ACCOUNT Default account type that represents a typical user. 2048 (0x800) UF_INTERDOMAIN_TRUST_ACCOUNT Account for a system domain that trusts other domains. 4096 (0x1000) UF_WORKSTATION_TRUST_ACCOUNT Computer account for a computer system running Windows that is a member of this domain. 8192 (0x2000) UF_SERVER_TRUST_ACCOUNT Account for a system backup domain controller that is a member of this domain.
disabled	If true then this user is disabled.
fullName	The full name of the user.
lockout	If true, the user account is locked out of the Windows operating system.
name	Name of the Windows user account on the domain that the Domain property of this class specifies.
passwordChangeable	If true the password of the user can be changed.
passwordExpires	If true, the password on this user account expires.
passwordRequired	True if the user is not allowed to create a blank password.
status	Current status of an object. Various operational and nonoperational statuses can be defined. Operational statuses include: "OK", "Degraded", and "Pred Fail", which is an element such as a SMART-enabled hard disk drive that may be functioning properly, but predicts a failure in the near future. Nonoperational statuses include: "Error", "Starting", "Stopping", and "Service", which can apply during mirror resilvering of a disk, reloading a user permissions list, or other administrative work. The values are: "OK" "Error" "Degraded" "Unknown" "Pred Fail" "Starting" "Stopping" "Service" "Stressed" "NonRecover" "No Contact" "Lost Comm"
lastChanged	last time the table record was changed
buildInAdmin	If true then this user is a built-in admin.

UserInGroup

Final type:

```
type Keyboard {
  groupName: String
  domainName: String
  userName: String
  adminGroup: Boolean
  lastChanged: DateTime
}
```

Field	Description
groupName	Name of group
domainName	Domain of user
userName	User name
adminGroup	if true then is this group admin group
lastChanged	last time the table record was changed

Keyboard

This type contains information about the computer's keyboard. It only stores Windows computer data pulled from the Win32_Keyboard WMI class.

The following fields have been deprecated:

- keyboardId: String

The following types have been changed:

- configManagerErrorCode: Float -> configManagerErrorCode: String

Final type:

```
type Keyboard {
  caption: String
  configManagerErrorCode: String
  configManagerUserConfig: Boolean
  description: String
  layout: String
  numberOfFunctionKeys: Float
  lastChanged: DateTime
}
```

Field	Description
caption	The name of keyboard
configManagerErrorCode	Win32 Configuration Manager error code. Value Meaning: 0 This device is working properly., 1 This device is not configured correctly., 2 Windows cannot load the driver for this device., 3 The driver for this device might be corrupted, or your system may be running low on memory or other resources., 4 This device is not working properly. One of its drivers or your registry might be corrupted., 5 The driver for this device needs a resource that Windows cannot manage., 6 The boot configuration for this device conflicts with other devices., 7 Cannot filter., 8 The driver loader for the device is missing., 9 This device is not working properly because the controlling firmware is reporting the resources for the device incorrectly., 10 This device cannot start., 11 This device failed., 12 This device cannot find enough free resources that it can use., 13 Windows cannot verify this device's resources., 14 This device cannot work properly until you restart your computer., 15 This device is not working properly because there is probably a re-enumeration problem., 16 Windows cannot identify all the resources this device uses., 17 This device is asking for an unknown resource type., 18 Reinstall the drivers for this device., 19 Failure using the VxD loader., 20 Your registry might be corrupted., 21 System failure: Try changing the driver for this device. If that does not work, see your hardware documentation. Windows is removing this device., 22 This device is disabled., 23 System failure: Try changing the driver for this device. If that doesn't work, see your hardware documentation., 24 This device is not present, is not working properly, or does not have all its drivers installed., 25 Windows is still setting up this device., 26 Windows is still setting up this device., 27 This device does not have valid log configuration., 28 The drivers for this device are not installed., 29 This device is disabled because the firmware of the device did not give it the required resources., 30 This device is using an Interrupt Request (IRQ) resource that another device is using., 31 This device is not working properly because Windows cannot load the drivers required for this device.
configManagerUserConfig	If TRUE, the device is using a user-defined configuration.
description	Description of the object.
layout	Free-form string indicating the layout of the keyboard.
numberOfFunctionKeys	Number of function keys on the keyboard.
lastChanged	last time the table record was changed

MappedDrive

This type contains information about a Windows computer's mapped drives. Old type macNetworkVolumes are merged in MappedDrive.

The following fields have been deprecated:

- mappedDriveKey: String
- mappedDriveId: String

The following types have been included:

- MacNetworkVolumes:
    - autoMounted: Boolean
    - type: String
    - name: String
    - mountedfrom: String -> mountedFrom: String

Final type:

```
type MappedDrive {
  userName: String
  driveLetter: String
  remotePath: String
  lastChanged: DateTime
  autoMounted: Boolean
  type: String
  name: String
  mountedFrom: String
}
```

Field	Description
userName	user that has the mapped drive configured
driveLetter	drive letter assigned to the mapped drive
remotePath	remote path
lastChanged	last time the table record was changed
autoMounted	Indicates whether or not the mapped drive is mounted (Mac). True = Mounted / False = Unmounted
type	Mapper drive type (Mac).
name	Mapper drive name (Mac).
mountedFrom	Location where the network volume is mounted from (Mac).

Monitor

The following fields have been deprecated:

- monitorKey: String - PK cloud
- mappedDriveId: String - PK onPrem

The following types have been changed:

- manufactureDate: DateTime -> manufactureDate: String
- monitorManufacturer: String -> manufacturer: String
- monitorModel: String -> model: String

The following types have been included:

- builtIn: Boolean
- coreImage: String
- depth: String
- deviceType: String
- displayType: String
- main: Boolean
- mirror: String
- name: String
- online: Boolean
- quartzExtreme: String
- resolution: String

Final type:

```
type Monitor {
  manufacturer: String
  manufactureDate: String
  model: String
  serialNumber: String
  lastChanged: DateTime
  name: String
  deviceType: String
  displayType: String
  builtIn: Boolean
  depth: String
  main: Boolean
  mirror: String
  online: Boolean
  resolution: String
  coreImage: String
  quartzExtreme: String
}
```

Field	Description
manufacturer	monitor manufacturer
manufactureDate	date the monitor was manufactured

Field	Description
model	monitor model
serialNumber	monitor serial number
lastChanged	last time the table record was changed
name	Monitor name
deviceType	Device type
displayType	Display type.
builtIn	Indicates whether or not the display is built-in.
depth	Display depth.
main	Indicates whether or not the asset is the main display.
mirror	Indicates whether or not the display is able to mirror a screen.
online	Indicates whether or not the display is online.
resolution	Resolution
coreImage	Indicates whether or not core image is supported.
quartzExtreme	Indicates whether or not quartz extreme is supported.

NetworkAdapter

The following fields have been deprecated:

- networkAdapterId: String - PK onPrem
- networkAdapterKey: String - PK cloud

Final type:

```
type NetworkAdapter {
  macAddress: String
  manufacturer: String
  name: String
  netConnectionId: String
  netEnabled: Boolean
  speed: String
  lastChanged: DateTime
}
```

Field	Description

Field	Description
macAddress	Media access control address for this network adapter. A MAC address is a unique 48-bit number assigned to the network adapter by the manufacturer. It uniquely identifies this network adapter and is used for mapping TCP/IP network communications.
manufacturer	Name of the network adapter's manufacturer.
name	Label by which the object is known.
netConnectionId	Name of the network connection as it appears in the Network Connections Control Panel program.
netEnabled	Indicates whether the adapter is enabled or not. If True, the adapter is enabled. You can enable or disable the NIC by using the Enable and Disable methods.
speed	Estimate of the current bandwidth in bits per second. For endpoints which vary in bandwidth or for those where no accurate estimation can be made, this property should contain the nominal bandwidth.
lastChanged	last time the table record was changed

Network

The following fields have been deprecated:

- networkId: String - PK onPrem
- networkKey: String - PK cloud

The following types have been changed:

- defaultIpGateway: String -> defaultGateway: String
- ipSubnet: String -> subnetMask: String
- ipAddress: String -> ipAddressV4: String

The following types have been included:

- From ChromeOs:

    - macAddress: String
    - ethernetMacAddress: String -> macAddress: String
    - lastChanged: DateTime

- From linuxNetworkDetection

    - broadCast: String
    - linkEncap: String
    - scope: String

- From macNetworks

    - serviceOrder: Int

- type: String

- From vmwareNetworks

  - internalKey: string
  - speed: Int
  - mtu: Int

Final type:

```
type Network {
  defaultGateway: String
  ipAddressV4: String
  ipAddressV6: String
  subnetMask: String
  macAddress: String
  serviceName: String
  lastChanged: DateTime
  iPv6Prefix: String
  databasePath: String
  description: String
  dhcpEnabled: Boolean
  dhcpEnabledV6: Boolean
  dhcpServer: String
  dnsDomain: String
  dnsDomainSuffixSearchOrder: String
  dnsEnabledForWinsResolution: Boolean
  dnsHostName: String
  dnsServerSearchOrder: String
  domainDnsRegistrationEnabled: Boolean
  fullDnsRegistrationEnabled: Boolean
  gatewayCostMetric: String
  ipConnectionMetric: Float
  ipEnabled: Boolean
  ipFilterSecurityEnabled: Boolean
  ipPortSecurityEnabled: Boolean
  ipSecPermitIpProtocols: String
  ipSecPermitTcpPorts: String
  tcpipNetbiosOptions: Float
  winsEnableLmHostsLookUp: Boolean
  winsPrimaryserver: String
  winsSecondaryServer: String
  state: String
  tags: String
  region: String
  isAcceleratedNetworkingEnabled: Boolean
  isIpForwardingEnabled: Boolean
  isPrimaryNetworkInterface: Boolean
  internalDnsNameLabel: String
  internalDomainNameSuffix: String
  internalFqdn: String
  dnsServers: String
  appliedDnsServers: String
```

```
    configuration: AzureIpConfiguration
    isConnected: Boolean
    broadCast: String
    linkEncap: String
    scope: String
    serviceOrder: Int
    type: String
    internalKey: string
    speed: Int
    mtu: Int
  }
```

Field	Description
defaultGateway	IP address of default gateway that the computer system uses.
ipAddressV4	Array of all of the IP addresses associated with the current network adapter. Starting with Windows Vista, this property can contain either IPv6 addresses or IPv4 addresses.
ipAddressV6	IPv6 address.
subnetMask	Subnet mask of the IP address.
macAddress	Media Access Control (MAC) address of the network adapter. A MAC address is assigned by the manufacturer to uniquely identify the network adapter.
serviceName	Service name of the network adapter. This name is usually shorter than the full product name.
lastChanged	last time the table record was changed
iPv6Prefix	IPv6 address prefix.
databasePath	Valid Windows file path to standard Internet database files (HOSTS, LMHOSTS, NETWORKS, and PROTOCOLS). The file path is used by the Windows Sockets interface.
description	Description of the network configuration.
dhcpEnabled	If TRUE, the dynamic host configuration protocol (DHCP) server automatically assigns an IP address to the computer system when establishing a network connection.
dhcpEnabledV6	Indicates whether client side DHCP is enabled for IPv6 on the virtual guest network.
dhcpServer	IP address of the dynamic host configuration protocol (DHCP) server.

Field	Description
dnsDomain	Organization name followed by a period and an extension that indicates the type of organization, such as microsoft.com. The name can be any combination of the letters A through Z, the numerals 0 through 9, and the hyphen (-), plus the period (.) character used as a separator.
dnsDomainSuffixSearchOrder	Array of DNS domain suffixes to be appended to the end of host names during name resolution. When attempting to resolve a fully qualified domain name (FQDN) from a host-only name, the system will first append the local domain name. If this is not successful, the system will use the domain suffix list to create additional FQDNs in the order listed and query DNS servers for each.
dnsEnabledForWinsResolution	If TRUE, the Domain Name System (DNS) is enabled for name resolution over Windows Internet Naming Service (WINS) resolution. If the name cannot be resolved using DNS, the name request is forwarded to WINS for resolution.
dnsHostName	Host name used to identify the local computer for authentication by some utilities. Other TCP/IP-based utilities can use this value to acquire the name of the local computer. Host names are stored on DNS servers in a table that maps names to IP addresses for use by DNS. The name can be any combination of the letters A through Z, the numerals 0 through 9, and the hyphen (-), plus the period (.) character used as a separator. By default, this value is the Microsoft networking computer name, but the network administrator can assign another host name without affecting the computer name.
dnsServerSearchOrder	Array of server IP addresses to be used in querying for DNS servers.
domainDnsRegistrationEnabled	If TRUE, the IP addresses for this connection are registered in DNS under the domain name of this connection in addition to being registered under the computer's full DNS name. The domain name of this connection is either set using the SetDNSDomain() method or assigned by DSCP. The registered name is the host name of the computer with the domain name appended.
fullDnsRegistrationEnabled	If TRUE, the IP addresses for this connection are registered in DNS under the computer's full DNS name. The full DNS name of the computer is displayed on the Network Identification tab in the System application in Control Panel.
gatewayCostMetric	Array of integer cost metric values (ranging from 1 to 9999) to be used in calculating the fastest, most reliable, or least resource-intensive routes.

Field	Description
ipConnectionMetric	Cost of using the configured routes for the IP bound adapter and is the weighted value for those routes in the IP routing table. If there are multiple routes to a destination in the IP routing table, the route with the lowest metric is used. The default value is 1.
ipEnabled	If TRUE, TCP/IP is bound and enabled on this network adapter.
ipFilterSecurityEnabled	If TRUE, IP port security is enabled globally across all IP-bound network adapters and the security values associated with individual network adapters are in effect. This property is used in conjunction with IPSecPermitTCPPorts, IPSecPermitUDPPorts, and IPSecPermitIPProtocols. If FALSE, IP filter security is disabled across all network adapters and allows all port and protocol traffic to flow unfiltered.
ipPortSecurityEnabled	If TRUE, IP port security is enabled globally across all IP-bound network adapters. This property is obsolete. In place of this property, you should use IPFilterSecurityEnabled.
ipSecPermitIpProtocols	Array of the protocols permitted to run over the IP. The list of protocols is defined using the EnableIPSec method. The list will either be empty or contain numeric values. A numeric value of 0 (zero) indicates access permission is granted for all protocols. An empty string indicates that no protocols are permitted to run when IPFilterSecurityEnabled is TRUE.
ipSecPermitTcpPorts	Array of the ports that will be granted access permission for TCP. The list of protocols is defined using the EnableIPSec method. The list will either be empty or contain numeric values. A numeric value of 0 (zero)indicates access permission is granted for all ports. An empty string indicates that no ports are granted access permission when IPFilterSecurityEnabled is TRUE.
tcpipNetbiosOptions	Bitmap of the possible settings related to NetBIOS over TCP/IP. Value (Dec/Hex) Meaning 0 0x0 EnableNetbiosViaDhcp 1 0x1 EnableNetbios 2 0x2 DisableNetbios
winsEnableLmHostsLookUp	If TRUE, local lookup files are used. Lookup files will contain a map of IP addresses to host names. If they exist on the local system, they will be found in %SystemRoot%\system32\drivers\….
winsPrimaryserver	IP address for the primary WINS server.
winsSecondaryServer	IP address for the secondary WINS server.
state	In AzureNetworkInterface, the provisioning state of the public IP resource. Possible values: Canceled, Failed, Succeeded.
tags	Tags attached to the network interface resource. This is a dictionary stored in a JSON format.

Field	Description
region	The physical location name where the metadata is stored.
isAcceleratedNetworkingEnabled	Flag that indicates whether the network interface has accelerated networking enabled.
isIpForwardingEnabled	Flag that indicates whether IP forwarding is enabled on this network interface.
isPrimaryNetworkInterface	Flag that indicates whether this is the primary network interface on a virtual machine.
internalDnsNameLabel	The internal DNS name assigned to this network interface.
internalDomainNameSuffix	The internal domain name suffix.
internalFqdn	The fully qualified domain name of this network interface. A network interface receives a FQDN when it is assigned to a virtual machine.
dnsServers	Comma-separated list of the IP addresses of this network interface's DNS servers.
appliedDnsServers	Comma-separated list of the applied DNS servers.
isConnected	Indicates whether or not the virtual device is connected.
broadCast	Broadcasted IP address.
linkEncap	Packet encapsulation method.
scope	Scope of the subnet.
serviceOrder	Position of the order in which the device will try and connect to the internet.
internalKey	The VMware network key reference. Internal use only.
speed	Bit rate on the link. There is only a possible value if the network type is Physical.
mtu	Maximum transmission unit for packets size for the virtual NIC, in bytes. This property is applicable to VMkernel virtual NICs and will be ignored if specified for service console virtual NICs. If not specified, the Server will use the system default value./td>

OperatingSystem

Old types like LinuxSystemExport (some fields) are merged in OperatingSystem.

The following fields have been deprecated:

- LinuxSystemExport

- hardwarePlatform: String - Harware platform.
- kernelName: String - Kernel name.
- kernelVersion: String - Version name of the kernel.
- linuxSystemId: String - PK onPrem
- linuxSystemKey: String - PK cloud
- machineHardwareName: String - Hardware name of the machine where this system runs on.
- processorType: String - Processor type.
- uuid: String - UUID
- version: String - System version number.
- wakeupTime: String - Wake up time.

- MacosInfoExport

  - macOsInfoKey: String
  - macOsInfoId: String
  - userName: String
  - bootMode: String
  - bootVolume: String

- OperatingSystem

  - codeSet: String - Code page value an operating system uses. A code page contains a character table that an operating system uses to translate strings for different languages. The American National Standards Institute (ANSI) lists values that represent defined code pages. If an operating system does not use an ANSI code page, this member is set to 0 (zero).
  - debug: Boolean - Operating system is a checked (debug) build. If True, the debugging version of User.exe is installed. Checked builds provide error checking, argument verification, and system debugging code. Additional code in a checked binary generates a kernel debugger error message and breaks into the debugger. This helps immediately determine the cause and location of the error. Performance may be affected in a checked build due to the additional code that is executed.
  - foregroundApplicationBoost: Float - Increase in priority is given to the foreground application. Application boost is implemented by giving an application more execution time slices (quantum lengths). A ForegroundApplicationBoost value of 0 (zero) indicates the system boosts the quantum length by 6; if 1, then 12; and if 2 then 18. The default value is 2. Value Meaning 0 None 1 Minimum 2 (Default) Maximum
  - largeSystemCache: Boolean - Beginning with Windows Vista, this property is obsolete and not supported. Value Meaning 0 Optimize memory for applications. 1 Optimize memory for system performance.
  - operatingSystemId: String - PK onPrem
  - operatingSystemKey: String - PK cloud
  - osLanguage: Float - Language version of the operating system installed. Link to tblLanguages.LanguageCode to get the full OS language name.
  - plusVersionNumber: String - Version number of the Windows Plus! operating system enhancement software—if installed.

- ChromeOs

- chromeOsId: String - PK onPrem
- lastSync: String - The date and time the device was last synchronized with the policy settings in the Admin console.
- bootMode: String

The following types have been changed:

- MacosInfoExport

  - computeRName: String -> hostName: String
  - kernelVersion: String -> caption: String
  - userName: String -> registeredUser: String
  - systemVersion: String -> version: String
  - sixtyFourBitKernelAndExts: String -> x86x64Kernel: String

- OperatingSystem

  - osProductSuite: Float -> osProductSuite: [String]
  - osType: Float -> osType: String
  - productType: Float -> productType: String
  - suiteMask: Float -> suiteMask: [String]
  - servicePackMajorVersion: Float -> servicePackMajorVersion: String
  - servicePackMinorVersion: Float -> servicePackMinorVersion: String
  - version: String -> buildNumber String

The following types have been included:

- From LinuxSystemExport

  - osRelease: String -> caption: String
  - operatingSystem: String -> osType: String
  - kerneLrelease: String -> version: String
  - networkNodeHostName: String -> hostName: String
  - lastChanged: DateTime

- From AssetExport

  - servicePack: String
  - version: String
  - buildNumber: String -> buildRevNumber: String

- ChromeOs

  - annotatedAssetId: String
  - deviceId: String
  - meid: String
  - notes: String
  - osVersion: String -> version: String
  - platformVersion: String -> caption: String
  - supportEndDate: String -> supportEndDate: DateTime
  - systemRamTotal: Float -> systemRamTotal: Float

- ○ willAutoRenew: Boolean -> willAutoRenew: Boolean

- MacosInfo

  - ○ sixtyFourBitKernelAndExts: String -> x86x64Kernel: String

Final type:

```
type OperatingSystem {
  bootStatus: String
  currentTimezone: Float
  dataExecutionPrevention32BitApplications: Boolean
  dataExecutionPreventionAvailable: Boolean
  dataExecutionPreventionDrivers: Boolean
  dataExecutionPreventionSupportPolicy: Float
  encryptionLevel: Float
  maxProcessMemorySize: Float
  numberOfLicensedUsers: Float
  sizeStoredInPagingFiles: Float
  systemDevice: String
  systemDrive: String
  totalVirtualMemorySize: Float
  totalVisibleMemorySize: Float
  x86x64Kernel: String
  caption: String
  osType: String
  version: String
  buildRevNumber: String
  buildNumber: String
  lastChanged: DateTime
  hostName: String
  buildType: String
  countryCode: String
  installDate: DateTime
  organization: String
  osProductSuite: [String]
  otherTypeDescription: String
  productType: String
  registeredUser: String
  serialNumber: String
  servicePackMajorVersion: String
  servicePackMinorVersion: String
  servicePack: String
  suiteMask: [String]
  windowsDirectory: String
  language: String
  secureVirtualMemory: String
  status: String
  orgUnitPath: String
  lastEnrollmentTime: DateTime
  annotatedLocation: String
  annotatedUser: String
  annotatedAssetId: String
```

```
    deviceId: String
    meid: String
    notes: String
    supportEndDate: DateTime
    systemRamTotal: Float
    willAutoRenew: Boolean
    activeTimeRanges: [ChromeOsActiveTimeRange]
  }
```

Field	Description
bootStatus	Boot status.
currentTimezone	Number, in minutes, an operating system is offset from Greenwich mean time (GMT). The number is positive, negative, or zero.
dataExecutionPrevention32BitApplications	When the data execution prevention hardware feature is available, this property indicates that the feature is set to work for 32-bit applications if True. On 64-bit computers, the data execution prevention feature is configured in the Boot Configuration Data (BCD) store and the properties in Win32_OperatingSystem are set accordingly.
dataExecutionPreventionAvailable	Data execution prevention is a hardware feature to prevent buffer overrun attacks by stopping the execution of code on data-type memory pages. If True, then this feature is available. On 64-bit computers, the data execution prevention feature is configured in the BCD store and the properties in Win32_OperatingSystem are set accordingly.
dataExecutionPreventionDrivers	When the data execution prevention hardware feature is available, this property indicates that the feature is set to work for drivers if True. On 64-bit computers, the data execution prevention feature is configured in the BCD store and the properties in Win32_OperatingSystem are set accordingly.

Field	Description
dataExecutionPreventionSupportPolicy	Indicates which Data Execution Prevention (DEP) setting is applied. The DEP setting specifies the extent to which DEP applies to 32-bit applications on the system. DEP is always applied to the Windows kernel. Value Meaning Always Off DEP is turned off for all 32-bit applications on the computer with no exceptions. This setting is not available for the user interface. 0 Always On DEP is enabled for all 32-bit applications on the computer. This setting is not available for the user interface. 1 Opt In DEP is enabled for a limited number of binaries, the kernel, and all Windows-based services. However, it is off by default for all 32-bit applications. A user or administrator must explicitly choose either the AlwaysOn or the OptOut setting before DEP can be applied to 32-bit applications. 2 Opt Out DEP is enabled by default for all 32-bit applications. A user or administrator can explicitly remove support for a 32-bit application by adding the application to an exceptions list.
encryptionLevel	Windows Server 2003 and Windows XP: Encryption level for secure transactions: 40-bit, 128-bit, or n-bit.
maxProcessMemorySize	Maximum number, in kilobytes, of memory that can be allocated to a process. For operating systems with no virtual memory, typically this value is equal to the total amount of physical memory minus the memory used by the BIOS and the operating system. For some operating systems, this value may be infinity, in which case 0 (zero) should be entered. In other cases, this value could be a constant, for example, 2G or 4G.
numberOfLicensedUsers	Number of user licenses for the operating system. If unlimited, enter 0 (zero). If unknown, enter -1.
sizeStoredInPagingFiles	Total number of kilobytes that can be stored in the operating system paging files—0 (zero) indicates that there are no paging files. Be aware that this number does not represent the actual physical size of the paging file on disk.
systemDevice	Physical disk partition on which the operating system is installed.
systemDrive	Letter of the disk drive on which the operating system resides.

Field	Description
totalVirtualMemorySize	Number, in kilobytes, of virtual memory. For example, this may be calculated by adding the amount of total RAM to the amount of paging space, that is, adding the amount of memory in or aggregated by the computer system to the property, SizeStoredInPagingFiles.
totalVisibleMemorySize	Total amount, in kilobytes, of physical memory available to the operating system. This value does not necessarily indicate the true amount of physical memory, but what is reported to the operating system as available to it.
x86x64Kernel	Indicates whether or not the OS has a 64 bit kernel. True = 64 bit kernel, False = 32 bit kernel
caption	Short description of the object—a one-line string. The string includes the operating system version. For example, "Microsoft Windows XP Professional Version = 5.1.2500".
osType	Type of operating system. The following list identifies the possible values. Value Meaning 0 Unknown, 1 Other, 2 MACOS, 3 ATTUNIX, 4 DGUX, 5 DECNT, 6 Digital Unix, 7 OpenVMS, 8 HPUX, 9 AIX, 10 MVS, 11 OS400, 12 OS/2, 13 JavaVM, 14 MSDOS, 15 WIN3x, 16 WIN95, 17 WIN98, 18 WINNT, 19 WINCE, 20 NCR3000, 21 NetWare, 22 OSF, 23 DC/OS, 24 Reliant UNIX, 25 SCO UnixWare, 26 SCO OpenServer, 27 Sequent, 28 IRIX, 29 Solaris, 30 SunOS, 31 U6000, 32 ASERIES, 33 TandemNSK, 34 TandemNT, 35 BS2000, 36 LINUX, 37 Lynx, 38 XENIX, 39 VM/ESA, 40 Interactive UNIX, 41 BSDUNIX, 42 FreeBSD, 43 NetBSD, 44 GNU Hurd, 45 OS9, 46 MACH Kernel, 47 Inferno, 48 QNX, 49 EPOC, 50 IxWorks, 51 VxWorks, 52 MiNT, 53 BeOS, 54 HP MPE, 55 NextStep, 56 PalmPilot, 57 Rhapsody, 58 Windows 2000, 59 Dedicated, 60 OS/390, 61 VSE, 62 TPF
version	Version number of the operating system.
buildRevNumber	Gives back the build number of the Windows computer asset.
buildNumber	Build number.
lastChanged	last time the table record was changed
hostName	Computer name.
buildType	Type of build used for an operating system.

Field	Description
countryCode	Code for the country/region that an operating system uses. Values are based on international phone dialing prefixes—also referred to as IBM country/region codes. This property can use a maximum of six characters to define the country/region code value.
installDate	Date object was installed. This property does not require a value to indicate that the object is installed.
organization	Company name for the registered user of the operating system.

Field	Description
osProductSuite	Installed and licensed system product additions to the operating system. For example, the value of 146 (0x92) for OSProductSuite indicates Enterprise, Terminal Services, and Data Center (bits one, four, and seven set). Value Meaning 1 (0x1) Microsoft Small Business Server was once installed, but may have been upgraded to another version of Windows. Windows Server 2003 and Windows XP: Small Business 2 (0x2) Windows Server 2008 Enterprise or Windows Server 2003, Enterprise Edition is installed. Windows Server 2003 and Windows XP: Enterprise 4 (0x4) Windows BackOffice components are installed. Windows Server 2003 and Windows XP: BackOffice 8 (0x8) Communication Server is installed. Windows Server 2003 and Windows XP: Communication Server 16 (0x10) Terminal Services is installed. Windows Server 2003 and Windows XP: Terminal Services 32 (0x20) Microsoft Small Business Server is installed with the restrictive client license. Windows Server 2003 and Windows XP: Small Business (Restricted) 64 (0x40) Windows XP Embedded is installed. Windows Server 2003 and Windows XP: Embedded NT 128 (0x80) Windows Server 2008 Datacenter, Windows Server 2003, Datacenter Edition, or is installed. Windows Server 2003 and Windows XP: Data Center 256 (0x100) Terminal Services is installed, but only one interactive session is supported. Windows Server 2003 and Windows XP: This value is not available. 512 (0x200) Windows XP Home Edition is installed. Windows Server 2003 and Windows XP: This value is not available. 1024 (0x400) Windows Server 2003, Web Edition is installed. Windows Server 2003 and Windows XP: This value is not available. 8192 (0x2000) Windows Storage Server 2003 R2 is installed. Windows Server 2003 and Windows XP: This value is not available. 16384 (0x4000) Windows Server 2003, Compute Cluster Edition is installed. Windows Server 2003 and Windows XP: This value is not available
otherTypeDescription	Additional description for the current operating system version.
productType	Additional system information. Value Meaning 1 Work Station 2 Domain Controller 3 Server
registeredUser	Name of the registered user of the operating system.
serialNumber	Operating system product serial identification number.

Field	Description
servicePackMajorVersion	Major version number of the service pack installed on the computer system. If no service pack has been installed, the value is 0 (zero).
servicePackMinorVersion	Minor version number of the service pack installed on the computer system. If no service pack has been installed, the value is 0 (zero).
servicePack	Service pack full version
suiteMask	Bit flags that identify the product suites available on the system. Value Meaning 1 Small Business 2 Enterprise 4 BackOffice 8 Communications 16 Terminal 32 Small Business Restricted 64 Embedded NT 128 Data Center 256 Single User 512 Personal 1024 Blade
windowsDirectory	Windows directory of the operating system.
language	Language version of the operating system installed.
bootMode	The boot mode for the device. The possible values are: Verified: The device is running a valid version of the Chrome OS.
bootVolume	Boot volume.
secureVirtualMemory	Indicates whether or not secure virtual memory is enabled. True = Enabled
status	The status of the device. ACTIVE: The device is enrolled into the domain.
orgUnitPath	The full parent path with the organizational unit's name associated with the device. Path names are case insensitive. If the parent organizational unit is the top-level organization, it is represented as a forward slash, /.
lastEnrollmentTime	The date and time the device was last enrolled.
annotatedLocation	The address or location of the device as noted by the administrator.
annotatedUser	The user of the device as noted by the administrator.
annotatedAssetId	The asset identifier as noted by an administrator or specified during enrollment.
deviceId	The unique ID of the Chrome device.

Field	Description
meid	The Mobile Equipment Identifier (MEID) for the 3G mobile card in a mobile device. A MEID is typically used when adding a device to a wireless carrier's post-pay service plan. If the device does not have this information, this property is not included in the response
notes	Notes about this device added by the administrator.
supportEndDate	The device's order number. Only devices directly purchased from Google have an order number.
systemRamTotal	Total RAM on the device [in bytes]
willAutoRenew	Indicates whether the device will auto renew its support after the support end date. True: The support will be automatically renewed. This is the default value.
activeTimeRanges	See ChromeOsActiveTimeRange

MemoryArray

Previously called PhysicalMemoryArrayExport

The following fields have been deprecated:

- physicalMemoryArrayId: String - PK onPrem
- physicalMemoryArrayKey: String - PK cloud
- tag: String - Tag of physical memory array

The following types have been changed:

- location: Float -> location: String
- use: Float -> use: String
- maxCapacity: Float -> totalSize: Float
- memoryDevices: Float -> numberOfSlots: Float
- memoryErrorCorrectIon: Float -> connectionError: String

The following types have been included:

- From linuxMemoryControllers
  - currentInterLeave: String -> currentInterleave: String
  - maxMemoryModuleSize: String -> maxMemoryModuleSize: Float
  - supportedInterleave: String
  - supportedMemTypes: String -> supportedTypes: String
  - supportedSpeeds: String

Final type:

```
type MemoryArray {
  currentInterleave: String
  maxMemoryModuleSize: String
  lastChanged: DateTime
  totalSize: Float
  numberOfSlots: Float
  supportedInterleave: String
  supportedTypes: String
  supportedSpeeds: String
  location: String
  connectionError: String
  use: String
}
```

Field	Description
currentInterleave	Current interleave in use.
maxMemoryModuleSize	Maximum size of each memory module.
lastChanged	last time the table record was changed
totalSize	Maximum memory size (in bytes) installable for this particular memory array. If the size is unknown, the property is given a value of 0 (zero).
numberOfSlots	Number of memory controller slots.
supportedInterleave	All interleaves that are supported.
supportedTypes	Memory types supported by the memory controller.
supportedSpeeds	Speed supported by the memory controller.
location	Physical location of the memory array. Value Meaning 0 (0x0) Reserved 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) System board or motherboard 4 (0x4) ISA add-on card 5 (0x5) EISA add-on card 6 (0x6) PCI add-on card 7 (0x7) MCA add-on card 8 (0x8) PCMCIA add-on card 9 (0x9) Proprietary add-on card 10 (0xA) NuBus 11 (0xB) PC-98/C20 add-on card 12 (0xC) PC-98/C24 add-on card 13 (0xD) PC-98/E add-on card 14 (0xE) PC-98/Local bus add-on card
connectionError	Type of error correction used by the memory array. Value Meaning 0 (0x0) Reserved 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) None 4 (0x4) Parity 5 (0x5) Single-bit ECC 6 (0x6) Multi-bit ECC 7 (0x7) CRC
use	How memory is used in the computer system. Value Meaning 0 (0x0) Reserved 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) System memory 4 (0x4) Video memory 5 (0x5) Flash memory 6 (0x6) Nonvolatile RAM 7 (0x7) Cache memory

MemoryModule

Previously called PhysicalMemoryExport

The following fields have been deprecated:

- physicalMemoryId: String - PK onPrem
- physicalMemoryKey: String - PK cloud
- positionInRow: Float - Position of the physical memory in a row. For example, if it takes two 8-bit memory devices to form a 16-bit row, then a value of 2 (two) means that this memory is the second device—0 (zero) is an invalid value for this property.

The following types have been changed:

- capacity: Float -> size: Float
- configuredVoltage: Float -> voltage: Float
- deviceLocator: String -> locator: String
- memoryName: String -> name: String
- memoryType: Float -> type: String
- typeDetail: Float -> typeDetail: String

The following types have been included:

- status: String

Final type:

```
type MemoryModule {
  size: Float
  voltage: Float
  dataWidth: Float
  locator: String
  formFactor: Float
  lastChanged: DateTime
  manufacturer: String
  type: String
  serialNumber: String
  speed: Float
  totalWidth: Float
  typeDetail: String
  name: String
  configuredClockSpeed: Float
  interleaveDatadepth: Float
  interleavePosition: Float
  partNumber: String
  sku: String
  status: String
}
```

Field	Description
size	Total capacity of the physical memory—in bytes.

Field	Description
voltage	Gives back the configured voltage for this device, in millivolts, or 0, if the voltage is unknown.
dataWidth	Data width of the physical memory—in bits. A data width of 0 (zero) and a total width of 8 (eight) indicates that the memory is used solely to provide error correction bits.
locator	Label of the socket or circuit board that holds the memory.
formFactor	Implementation form factor for the chip. Value Meaning 0 Unknown 1 Other 2 SIP 3 DIP 4 ZIP 5 SOJ 6 Proprietary 7 SIMM 8 DIMM 9 TSOP 10 PGA 11 RIMM 12 SODIMM 13 SRIMM 14 SMD 15 SSMP 16 QFP 17 TQFP 18 SOIC 19 LCC 20 PLCC 21 BGA 22 FPBGA 23 LGA
lastChanged	last time the table record was changed
manufacturer	Gives back the name of the organization responsible for producing the physical element.
type	Type of physical memory. Value Meaning 0 Unknown 1 Other 2 DRAM 3 Synchronous DRAM 4 Cache DRAM 5 EDO 6 EDRAM 7 VRAM 8 SRAM 9 RAM 10 ROM 11 Flash 12 EEPROM 13 FEPROM 14 EPROM 15 CDRAM 16 3DRAM 17 SDRAM 18 SGRAM 19 RDRAM 20 DDR 22 DDR2 FB-DIMM 24 DDR3 25 FBD2
serialNumber	Gives back the manufacturer-allocated number to identify the physical element.
speed	Speed of the physical memory—in nanoseconds.
totalWidth	Total width, in bits, of the physical memory, including check or error correction bits. If there are no error correction bits, the value in this property should match what is specified for the DataWidth property.
typeDetail	Type of physical memory represented. Value (Dec/Hex) Meaning 1 (0x1) Reserved 2 (0x2) Other 4 (0x4) Unknown 8 (0x8) Fast-paged 16 (0x10) Static column 32 (0x20) Pseudo-static 64 (0x40) RAMBUS 128 (0x80) Synchronous 256 (0x100) CMOS 512 (0x200) EDO 1024 (0x400) Window DRAM 2048 (0x800) Cache DRAM 4096 (0x1000) Nonvolatile
name	Mac memory name.
configuredClockSpeed	Gives back the configured clock speed of the memory device, in megahertz (MHz), or 0, if the speed is unknown.
interleaveDatadepth	Unsigned 16-bit integer maximum number of consecutive rows of data that are accessed in a single interleaved transfer from the memory device. If the value is 0 (zero), the memory is not interleaved.
interleavePosition	Position of the physical memory in an interleave. For example, in a 2:1 interleave, a value of "1" indicates that the memory is in the "even" position. Value Meaning 0 Noninterleaved 1 First position 2 Second position

Field	Description
partNumber	Gives back the part number assigned by the organization responsible for producing or manufacturing the physical element.
sku	Gives back the stock keeping unit number for the physical element.
status	Memory status.

AggregatedPaginatedCursorInput

Previously called PaginateCursorInput, the input Cursor follows the same structure.

The following types have been changed:

- cursor: CursorInput -> cursor: [AggregatedCursorInput]

The following types has been added:

- order: AggregatedCursorOrderInput - Moved from direct input of standardizedSoftwareListWithCursor to field of the AggregatedPaginatedCursorInput input type in softwareListWithCursor.

Final type:

```
input AggregatedPaginatedCursorInput {
  page: ECursorPage
  limit: Int
  cursor: [AggregatedCursorInput]
  order: AggregatedCursorOrderInput
}
```

Field	Description
page	The page navigation (same as V1)
limit	The number of items to retrieve
cursor	The cursor to navigate between requests
order	The order to obtain the items by field

PointingDevice

The following fields have been deprecated:

- doubleSpeedThreshold: Float - One of two acceleration values. The sensitivity of the pointing device doubles (toggles from the first to the second value) when the pointing device moves a distance greater than this threshold value.

- handedNess: Float - Configuration of the pointing device for left-hand or right-hand operation. Value Meaning 0 Unknown 1 Not Applicable 2 Right-Handed Operation 3 Left-Handed Operation
- pointingDeviceId: String - PK onPrem
- pointingDeviceKey: String - PK cloud
- quadSpeedThreshold: Float - One of two acceleration threshold values. The system doubles the speed of the pointer movement when the pointer device moves a distance greater than this value. Because this speed increase occurs after the DoubleSpeedThreshold value has been met, the pointer effectively moves at four times its original speed.

The following types have been changed:

- deviceInterface: Float -> deviceInterface: String
- pointingType: Float -> pointingType: String
- numberOfbuttons: Float -> numberOfButtons: Float

Final type:

```
type PointingDevice {
  caption: String
  deviceInterface: String
  manufacturer: String
  numberOfButtons: Float
  pointingType: String
  lastChanged: DateTime
}
```

Field	Description
caption	Short description.
deviceInterface	Type of interface used for the pointing device. Value Meaning 1 Other 2 Unknown 3 Serial 4 PS/2 5 Infrared 6 HP-HIL 7 Bus Mouse 8 ADB (Apple Desktop Bus) 160 Bus Mouse DB-9 161 Bus Mouse Micro-DIN 162 USB
manufacturer	Name of the device's manufacturer.
numberOfButtons	Number of buttons on the pointing device.
pointingType	Type of pointing device. Value Meaning 1 Other 2 Unknown 3 Mouse 4 Trackball 5 Track Point 6 Glide Point 7 Touch Pad 8 Touch Screen 9 Mouse - Optical Sensor
lastChanged	last time the table record was changed

PortConnector

The following fields have been deprecated:

- externalReferenceDesignator: String - External reference designator of the port. External reference designators are identifiers that determine the type and use of the port.
- portConnectorId: String - PK onPrem

- portConnectorKey: String - PK cloud

The following types have been changed:

- connectOrType: String -> connectorType: String
- portType: Float -> type: String

The following types have been included:

- availability: String
- caption: String
- configManagerErrorCode: String
- configManagerUserConfig: Boolean
- deviceId: String
- maxBaudRate: Float
- maxSpeed: String
- maximumInputBufferSize: Float
- maximumOutputBufferSize: Float
- osAutoDiscovered: Boolean
- powerManagementSupported: Boolean
- protocolSupported: Float
- providerType: String

Final type:

```
type PortConnector {
  caption: String
  lastChanged: DateTime
  maxSpeed: String
  internalReferenceDesignator: String
  type: String
  configManagerErrorCode: String
  configManagerUserConfig: Boolean
  osAutoDiscovered: Boolean
  powerManagementSupported: Boolean
  protocolSupported: Float
  deviceId: String
  maxBaudRate: Float
  maximumInputBufferSize: Float
  maximumOutputBufferSize: Float
  providerType: String
  connectorType: String
  availability: String
}
```

Field	Description
caption	The name
lastChanged	last time the table record was changed

Field	Description
maxSpeed	Firewire port maximum speed.
internalReferenceDesignator	Internal reference designator of the port. Internal reference designators are specific to the manufacturer, and identify the circuit board location or use of the port.
type	Function of the port. Value Meaning 0 None, 1 Parallel Port XT/AT Compatible, 2 Parallel Port PS/2, 3 Parallel Port ECP, 4 Parallel Port EPP, 5 Parallel Port ECP/EPP, 6 Serial Port XT/AT Compatible, 7 Serial Port 16450 Compatible, 8 Serial Port 16550 Compatible, 9 Serial Port 16550A Compatible, 10 SCSI Port, 11 MIDI Port, 12 Joy Stick Port, 13 Keyboard Port, 14 Mouse Port, 15 SSA SCSI, 16 USB, 17 FireWire (IEEE P1394), 18 PCMCIA Type II, 19 PCMCIA Type II, 20 PCMCIA Type III, 21 CardBus, 22 Access Bus Port, 23 SCSI II, 24 SCSI Wide, 25 PC-98, 26 PC-98-Hireso, 27 PC-H98, 28 Video Port, 29 Audio Port, 30 Modem Port, 31 Network Port, 32 8251 Compatible, 33 8251 FIFO Compatible
configManagerErrorCode	Win32 Configuration Manager error code. Value Meaning 0 (0x0) Device is working properly. 1 (0x1) Device is not configured correctly. 2 (0x2) Windows cannot load the driver for this device. 3 (0x3) Driver for this device might be corrupted, or the system may be low on memory or other resources. 4 (0x4) Device is not working properly. One of its drivers or the registry might be corrupted. 5 (0x5) Driver for the device requires a resource that Windows cannot manage. 6 (0x6) Boot configuration for the device conflicts with other devices. 7 (0x7) Cannot filter. 8 (0x8) Driver loader for the device is missing. 9 (0x9) Device is not working properly. The controlling firmware is incorrectly reporting the resources for the device. 10 (0xA) Device cannot start. 11 (0xB) Device failed. 12 (0xC) Device cannot find enough free resources to use. 13 (0xD) Windows cannot verify the device's resources. 14 (0xE) Device cannot work properly until the computer is restarted. 15 (0xF) Device is not working properly due to a possible re-enumeration problem. 16 (0x10) Windows cannot identify all of the resources that the device uses.
configManagerUserConfig	If TRUE, the device is using a user-defined configuration.
osAutoDiscovered	If TRUE, the parallel port was automatically detected by the operating system. If FALSE, the port was detected by other means (such as being manually added through the Control Panel).

Field	Description
powerManagementSupported	Array of the specific power-related capabilities of a logical device. Value Meaning 0 (0x0) Unknown 1 (0x1) Not Supported 2 (0x2) Disabled 3 (0x3) Enabled The power management features are currently enabled but the exact feature set is unknown or the information is unavailable. 4 (0x4) Power Saving Modes Entered Automatically The device can change its power state based on usage or other criteria. 5 (0x5) Power State Settable The SetPowerState method is supported. This method is found on the parent CIM_LogicalDevice class and can be implemented. For more information, see Designing Managed Object Format (MOF) Classes. 6 (0x6) Power Cycling Supported The SetPowerState method can be invoked with the PowerStateparameter set to 5 (Power Cycle). 7 (0x7) Timed Power-On Supported The SetPowerState method can be invoked with the PowerStateparameter set to 5 (Power Cycle) and Time set to a specific date and time, or interval, for power-on.
protocolSupported	Protocol used by the controller to access "controlled" devices. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) EISA 4 (0x4) ISA 5 (0x5) PCI 6 (0x6) ATA/ATAPI 7 (0x7) Flexible Diskette 8 (0x8) 1496 9 (0x9) SCSI Parallel Interface 10 (0xA) SCSI Fiber Channel Protocol 11 (0xB) SCSI Serial Bus Protocol 12 (0xC) SCSI Serial Bus Protocol-2 (1394) 13 (0xD) SCSI Serial Storage Architecture 14 (0xE) VESA 15 (0xF) PCMCIA 16 (0x10) Universal Serial Bus 17 (0x11) Parallel Protocol 18 (0x12) ESCON 19 (0x13) Diagnostic 20 (0x14) I2C 21 (0x15) Power 22 (0x16) HIPPI 23 (0x17) MultiBus 24 (0x18) VME 25 (0x19) IPI 26 (0x1A) IEEE-488 27 (0x1B) RS232 28 (0x1C) IEEE 802.3 10BASE5 29 (0x1D) IEEE 802.3 10BASE2 30 (0x1E) IEEE 802.3 1BASE5 31 (0x1F) IEEE 802.3 10BROAD36 32 (0x20) IEEE 802.3 100BASEVG 33 (0x21) IEEE 802.5 Token-Ring 34 (0x22) ANSI X3T9.5 FDDI 35 (0x23) MCA 36 (0x24) ESDI 37 (0x25) IDE 38 (0x26) CMD 39 (0x27) ST506 40 (0x28) DSSI 41 (0x29) QIC2 42 (0x2A) Enhanced ATA/IDE 43 (0x2B) AGP 44 (0x2C) TWIRP (two-way infrared) 45 (0x2D) FIR (fast infrared) 46 (0x2E) SIR (serial infrared) 47 (0x2F) IrBus
deviceId	Unique identifier of the serial port with other devices on the system.
maxBaudRate	Maximum baud rate (in bits per second) supported by the serial controller.
maximumInputBufferSize	Maximum size of the serial port driver's internal input buffer. A value of 0 (zero) indicates that no maximum value is imposed by the serial provider.
maximumOutputBufferSize	Maximum size of the serial port driver's internal output buffer. A value of 0 (zero) indicates that no maximum value is imposed by the serial provider.

Field	Description
providerType	Communications provider type. The values are: "FAX Device" "LAT Protocol" "Modem Device" "Network Bridge" "Parallel Port" "RS232 Serial Port" "RS422 Port" "RS423 Port" "RS449 Port" "Scanner Device" "TCP/IP TelNet" "X.25" "Unspecified"
connectorType	Array of physical attributes of the connector used by this port. Value Meaning 0 Unknown 1 Other 2 Male 3 Female 4 Shielded 5 Unshielded 6 SCSI (A) High-Density (50 pins) 7 SCSI (A) Low-Density (50 pins) 8 SCSI (P) High-Density (68 pins) 9 SCSI SCA-I (80 pins) 10 SCSI SCA-II (80 pins) 11 SCSI Fiber Channel (DB-9, Copper) 12 SCSI Fiber Channel (Fibre) 13 SCSI Fiber Channel SCA-II (40 pins) 14 SCSI Fiber Channel SCA-II (20 pins) 15 SCSI Fiber Channel BNC 16 ATA 3-1/2 Inch (40 pins) 17 ATA 2-1/2 Inch (44 pins) 18 ATA-2 19 ATA-3 20 ATA/66 21 DB-9 22 DB-15 23 DB-25 24 DB-36 25 RS-232C 26 RS-422 27 RS-423 28 RS-485 29 RS-449 30 V.35 31 X.21 32 IEEE-488 33 AUI 34 UTP Category 3 35 UTP Category 4 36 UTP Category 5 37 BNC 38 RJ11 39 RJ45 40 Fiber MIC 41 Apple AUI 42 Apple GeoPort 43 PCI 44 ISA 45 EISA 46 VESA 47 PCMCIA 48 PCMCIA Type I 49 PCMCIA Type II 50 PCMCIA Type III 51 ZV Port 52 CardBus 53 USB 54 IEEE 1394 55 HIPPI 56 HSSDC (6 pins) 57 GBIC 58 DIN 59 Mini-DIN 60 Micro-DIN 61 PS/2 62 Infrared 63 HP-HIL 64 Access.bus 65 NuBus 66 Centronics 67 Mini-Centronics 68 Mini-Centronics Type-14 69 Mini-Centronics Type-20 70 Mini-Centronics Type-26 71 Bus Mouse 72 ADB 73 AGP 74 VME Bus 75 VME64 76 Proprietary 77 Proprietary Processor Card Slot 78 Proprietary Memory Card Slot 79 Proprietary I/O Riser Slot 80 PCI-66MHZ 81 AGP2X 82 AGP4X 83 PC-98 84 PC-98-Hireso 85 PC-H98 86 PC-98Note 87 PC-98Full 88 SSA SCSI 89 Circular 90 On Board IDE Connector 91 On Board Floppy Connector 92 9 Pin Dual Inline 93 25 Pin Dual Inline 94 50 Pin Dual Inline 95 68 Pin Dual Inline 96 On Board Sound Connector 97 Mini-Jack 98 PCI-X 99 Sbus IEEE 1396-1993 32 Bit 100 Sbus IEEE 1396-1993 64 Bit 101 MCA 102 GIO 103 XIO 104 HIO 105 NGIO 106 PMC 107 MTRJ 108 VF-45 109 Future I/O 110 SC 111 SG 112 Electrical 113 Optical 114 Ribbon 115 GLM 116 1x9 117 Mini SG 118 LC 119 HSSC 120 VHDCI Shielded (68 pins) 121 InfiniBand

Field	Description
availability	Availability and status of the device. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Running or Full Power 4 (0x4) Warning 5 (0x5) In Test 6 (0x6) Not Applicable 7 (0x7) Power Off 8 (0x8) Off Line 9 (0x9) Off Duty 10 (0xA) Degraded 11 (0xB) Not Installed 12 (0xC) Install Error 13 (0xD) Power Save - Unknown The device is known to be in a power save mode, but its exact status is unknown. 14 (0xE) Power Save - Low Power Mode The device is in a power save state but still functioning, and may exhibit degraded performance. 15 (0xF) Power Save - Standby The device is not functioning, but could be brought to full power quickly. 16 (0x10) Power Cycle 17 (0x11) Power Save - Warning The device is in a warning state, though also in a power save mode.

Printer

The following fields have been deprecated:

- comment: String - Comment for a print queue.
- printJobDataType: String - Data type of a print job waiting for the Windows-based printing device.
- printProcessor: String - Name of the print spooler that handles print jobs.
- printerId: String - PK onPrem
- printerKey: String - PK cloud

The following types have been changed:

- capabilityDescription: String -> capabilityDescriptions: [String]

Final type:

```
type Printer {
  capabilityDescriptions: [String]
  caption: String
  enableBidi: Boolean
  horizontalResolution: Float
  local: Boolean
  location: String
  network: Boolean
  portName: String
  shareName: String
  status: String
  verticalResolution: Float
  lastChanged: DateTime
}
```

Field	Description

Field	Description
capabilityDescriptions	Array of free-form strings that provide detailed explanations for the printer features indicated in the Capabilities array. Each entry of this array is related to an entry in the Capabilities array that is located in the same index.
caption	Short description.
enableBidi	If TRUE, the printer can print bidirectional.
horizontalResolution	Horizontal resolution of the printer—in pixels per inch.
local	If TRUE, the printer is not attached to a network. If both the Local and Network properties are set to TRUE, then the printer is a network printer.
location	Physical location of the printer.
network	If TRUE, the printer is a network printer. If both the Local and Network properties are set to TRUE, then the printer is a network printer.
portName	Port that is used to transmit data to a printer. If a printer is connected to more than one port, the names of each port are separated by commas.
shareName	Share name of the Windows-based printing device. Example: \PRINTSERVER1\PRINTER2
status	Current status of the object. Various operational and nonoperational statuses can be defined. Operational statuses include: "OK", "Degraded", and "Pred Fail" (an element, such as a SMART-enabled hard disk drive, may be functioning properly but predicting a failure in the near future). Nonoperational statuses include: "Error", "Starting", "Stopping", and "Service". The latter, "Service", could apply during mirror-resilvering of a disk, reload of a user permissions list, or other administrative work. Not all such work is online, yet the managed element is neither "OK" nor in one of the other states.
verticalResolution	Vertical resolution, in pixels-per-inch, of the printer.
lastChanged	last time the table record was changed

Processor

The following fields have been deprecated:

- dataWidth: Float - On a 32-bit processor, the value is 32 and on a 64-bit processor it is 64.
- level: Float - Definition of the processor type. The value depends on the architecture of the processor.
- processorId: String - PK onPrem
- processorInformation: String - Extra information of windows processor
- processorKey: String - PK cloud
- revision: Float - System revision level that depends on the architecture. The system revision level contains the same values as the Version property, but in a numerical format.
- stepping: String - Revision level of the processor in the processor family.

- upgradeMethod: Float - CPU socket information, including the method by which this processor can be upgraded, if upgrades are supported. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Daughter Board 4 (0x4) ZIF Socket 5 (0x5) Replacement or Piggy Back 6 (0x6) None 7 (0x7) LIF Socket 8 (0x8) Slot 1 9 (0x9) Slot 2 10 (0xA) 370 Pin Socket 11 (0xB) Slot A 12 (0xC) Slot M 13 (0xD) Socket 423 14 (0xE) Socket A (Socket 462) 15 (0xF) Socket 478 16 (0x10) Socket 754 17 (0x11) Socket 940 18 (0x12) Socket 939
- version: String - Processor revision number that depends on the architecture.
- voltageCaps: Float - Voltage capabilities of the processor. Bits 0-3 of the field represent specific voltages that the processor socket can accept. All other bits should be set to 0 (zero). The socket is configurable if multiple bits are set. Value Meaning 1 (0x1) 5 volts 2 (0x2) 3.3 volts 4 (0x4) 2.9 volts

The following types have been changed:

- cpuStatus: Float -> status: String
- extClock: Float -> externalClock: String
- family: Float -> family: String
- l2CacheSize: Float -> l2CacheSize: String
- maxClockSpeed: Float -> maxClockSpeed: String
- processorType: Float -> type: String
- socketDesignation: String -> socket: String

The following types have been included:

- From linuxProcessor
    - socket: String

Final type:

```
type Processor {
  type: String
  maxClockSpeed: String
  l2CacheSize: String
  numberOfCores: Float
  lastChanged: DateTime
  family: String
  manufacturer: String
  externalClock: String
  status: String
  serialNumber: String
  name: String
  addressWidth: Float
  architecture: Float
  caption: String
  numberOfLogicalProcessors: Float
  l2CacheSpeed: Float
  socket: String
}
```

Field	Description

Field	Description
type	Primary function of the processor. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Central Processor 4 (0x4) Math Processor 5 (0x5) DSP Processor 6 (0x6) Video Processor
maxClockSpeed	Maximum speed of the processor, in MHz.
l2CacheSize	Size of the Level 2 processor cache. A Level 2 cache is an external memory area that has a faster access time than the main RAM memory.
numberOfCores	Number of cores for the current instance of the processor. A core is a physical processor on the integrated circuit. For example, in a dual-core processor this property has a value of 2.
lastChanged	last time the table record was changed

Field	Description
family	Processor family type. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) 8086 4 (0x4) 80286 5 (0x5) Intel386™ Processor 6 (0x6) Intel486™ Processor 7 (0x7) 8087 8 (0x8) 80287 9 (0x9) 80387 10 (0xA) 80487 11 (0xB) Pentium Brand 12 (0xC) Pentium Pro 13 (0xD) Pentium II 14 (0xE) Pentium Processor with MMX™ Technology 15 (0xF) Celeron™ 16 (0x10) Pentium II Xeon™ 17 (0x11) Pentium III 18 (0x12) M1 Family 19 (0x13) M2 Family 24 (0x18) AMD Duron™ Processor Family 25 (0x19) K5 Family 26 (0x1A) K6 Family 27 (0x1B) K6-2 28 (0x1C) K6-3 29 (0x1D) AMD Athlon™ Processor Family 30 (0x1E) AMD2900 Family 31 (0x1F) K6-2+ 32 (0x20) Power PC Family 33 (0x21) Power PC 601 34 (0x22) Power PC 603 35 (0x23) Power PC 603+ 36 (0x24) Power PC 604 37 (0x25) Power PC 620 38 (0x26) Power PC X704 39 (0x27) Power PC 750 48 (0x30) Alpha Family 49 (0x31) Alpha 21064 50 (0x32) Alpha 21066 51 (0x33) Alpha 21164 52 (0x34) Alpha 21164PC 53 (0x35) Alpha 21164a 54 (0x36) Alpha 21264 55 (0x37) Alpha 21364 64 (0x40) MIPS Family 65 (0x41) MIPS R4000 66 (0x42) MIPS R4200 67 (0x43) MIPS R4400 68 (0x44) MIPS R4600 69 (0x45) MIPS R10000 80 (0x50) SPARC Family 81 (0x51) SuperSPARC 82 (0x52) microSPARC II 83 (0x53) microSPARC IIep 84 (0x54) UltraSPARC 85 (0x55) UltraSPARC II 86 (0x56) UltraSPARC IIi 87 (0x57) UltraSPARC III 88 (0x58) UltraSPARC IIIi 96 (0x60) 68040 97 (0x61) 68xxx Family 98 (0x62) 68000 99 (0x63) 68010 100 (0x64) 68020 101 (0x65) 68030 112 (0x70) Hobbit Family 120 (0x78) Crusoe™ TM5000 Family 121 (0x79) Crusoe™ TM3000 Family 122 Efficeon™ TM8000 Family 128 (0x80) Weitek 130 (0x82) Itanium™ Processor 131 (0x83) AMD Athlon™ 64 Processor Family 132 (0x84) AMD Opteron™ Processor Family 144 (0x90) PA-RISC Family 145 (0x91) PA-RISC 8500 146 (0x92) PA-RISC 8000 147 (0x93) PA-RISC 7300LC 148 (0x94) PA-RISC 7200 149 (0x95) PA-RISC 7100LC 150 (0x96) PA-RISC 7100 160 (0xA0) V30 Family 176 (0xB0) Pentium III Xeon™ Processor 177 (0xB1) Pentium III Processor with Intel SpeedStep™ Technology 178 (0xB2) Pentium 4 179 (0xB3) Intel Xeon™ 180 (0xB4) AS400 Family 181 (0xB5) Intel Xeon™ Processor MP 182 (0xB6) AMD Athlon™ XP Family 183 (0xB7) AMD Athlon™ MP Family 184 (0xB8) Intel Itanium 2 185 (0xB9) Intel Pentium M Processor 190 (0xBE) K7 200 (0xC8) IBM390 Family 201 (0xC9) G4 202 (0xCA) G5 203 (0xCB) G6 204 (0xCC) z/Architecture Base 250 (0xFA) i860 251 (0xFB) i960 260 (0x104) SH-3 261 (0x105) SH-4 280 (0x118) ARM 281 (0x119) StrongARM 300 (0x12C) 6x86 301 (0x12D) MediaGX 302 (0x12E) MII 320 (0x140) WinChip 350 (0x15E) DSP 500 (0x1F4) Video Processor
manufacturer	Name of the processor manufacturer.
externalClock	External clock.

Field	Description
status	Current status of the processor. Status changes indicate processor usage, but not the physical condition of the processor. Value Meaning 0 Unknown, 1 CPU Enabled, 2 CPU Disabled by User via BIOS Setup, 3 CPU Disabled by BIOS (POST Error), 4 CPU Is Idle, 5 Reserved, 6 Reserved, 7 Other
serialNumber	Serial number.
name	Label by which the object is known. When this property is a subclass, it can be overridden to be a key property.
addressWidth	On a 32-bit operating system, the value is 32 and on a 64-bit operating system it is 64.
architecture	Processor architecture used by the platform. Value Meaning 0 (0x0) x86 1 (0x1) MIPS 2 (0x2) Alpha 3 (0x3) PowerPC 5 (0x5) ARM 6 (0x6) Itanium-based systems 9 (0x9) x64
caption	Short description.
numberOfLogicalProcessors	Number of logical processors for the current instance of the processor. For processors capable of hyper threading, this value includes only the processors which have hyper threading enabled.
l2CacheSpeed	Clock speed of the Level 2 processor cache. A Level 2 cache is an external memory area that has a faster access time than the main RAM memory.
socket	Type of chip socket used on the circuit.

OnBoardDevice

The following fields have been deprecated:

- onBoardDeviceKey: String - PK cloud
- onBoardDeviceId: String - PK onPrem

The following types have been included:

- deviceType: String

Final type:

```
type OnBoardDevice {
  description: String
  deviceType: String
  enabled: Boolean
  lastChanged: DateTime
  tag: String
}
```

Field	Description
description	Description of the object.
deviceType	Type of device being represented. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Video 4 (0x4) SCSI Controller 5 (0x5) Ethernet 6 (0x6) Token Ring 7 (0x7) Sound
enabled	If TRUE, the on-board device is available for use.
lastChanged	last time the table record was changed
tag	Unique identifier of the on-board device connected to the system.

QuickFixEngineering

The following fields have been deprecated:

- fixComment: String - Additional comments that relate to the hotfix.
- hash: String - Hash generated by Lansweeper for the hotfix.
- installedById: String - FK onPrem
- installedByKey: String - FK cloud
- quickFixEngineeringId: String - PK onPrem
- quickFixEngineeringKey: String - PK cloud
- quickFixEngineeringUnionId: String - FK onPrem
- quickFixEngineeringUnionKey: String - FK cloud
- servicePackInEffect: String - Service pack in effect when the hotfix was applied. If no service pack has been applied, the property takes on the value SP0. If it cannot be determined what service pack was in effect, this property is NULL.

The following types have been included:

- hotFixId: String

Final type:

```
type QuickFixEngineering {
  installedOn: String
  description: String
  hotFixId: String
  installedBy: String
  lastChanged: DateTime
}
```

Field	Description
installedOn	Date that the hotfix was installed.
description	Description of the hotfix.

Field	Description
hotFixId	Unique identifier associated with a particular hotfix.
installedBy	Person who installed the hotfix.
lastChanged	last time the table record was changed

Registry

The following fields have been deprecated:

- registryId: String - PK onPrem
- registryKey: String - PK cloud

Final type:

```
type Registry {
  registryPath: String
  valueName: String
  value: String
  lastChanged: DateTime
}
```

Field	Description
registryPath	Registry path
valueName	value name
value	value of the value name
lastChanged	last time the table record was changed

ScsiController

The following fields have been deprecated:

- scsiControllerId: String - PK onPrem

The following types have been changed:

- protocolSupported: Float -> protocolSupported: String

The following types have been included:

- availability: String

Final type:

```
type ScsiController {
  availability: String
  protocolSupported: String
  caption: String
  manufacturer: String
  lastChanged: DateTime
}
```

Field	Description
availability	Availability and status of the device. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Running or Full Power 4 (0x4) Warning 5 (0x5) In Test 6 (0x6) Not Applicable 7 (0x7) Power Off 8 (0x8) Off Line 9 (0x9) Off Duty 10 (0xA) Degraded 11 (0xB) Not Installed 12 (0xC) Install Error 13 (0xD) Power Save - Unknown The device is known to be in a power save mode, but its exact status is unknown. 14 (0xE) Power Save - Low Power Mode The device is in a power save state but still functioning, and may exhibit degraded performance. 15 (0xF) Power Save - Standby The device is not functioning, but could be brought to full power quickly. 16 (0x10) Power Cycle 17 (0x11) Power Save - Warning The device is in a warning state, though also in a power save mode.
protocolSupported	Protocol used by the controller to access "controlled" devices. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) EISA 4 (0x4) ISA 5 (0x5) PCI 6 (0x6) ATA/ATAPI 7 (0x7) Flexible Diskette 8 (0x8) 1496 9 (0x9) SCSI Parallel Interface 10 (0xA) SCSI Fiber Channel Protocol 11 (0xB) SCSI Serial Bus Protocol 12 (0xC) SCSI Serial Bus Protocol-2 (1394) 13 (0xD) SCSI Serial Storage Architecture 14 (0xE) VESA 15 (0xF) PCMCIA 16 (0x10) Universal Serial Bus 17 (0x11) Parallel Protocol 18 (0x12) ESCON 19 (0x13) Diagnostic 20 (0x14) I2C 21 (0x15) Power 22 (0x16) HIPPI 23 (0x17) MultiBus 24 (0x18) VME 25 (0x19) IPI 26 (0x1A) IEEE-488 27 (0x1B) RS232 28 (0x1C) IEEE 802.3 10BASE5 29 (0x1D) IEEE 802.3 10BASE2 30 (0x1E) IEEE 802.3 1BASE5 31 (0x1F) IEEE 802.3 10BROAD36 32 (0x20) IEEE 802.3 100BASEVG 33 (0x21) IEEE 802.5 Token-Ring 34 (0x22) ANSI X3T9.5 FDDI 35 (0x23) MCA 36 (0x24) ESDI 37 (0x25) IDE 38 (0x26) CMD 39 (0x27) ST506 40 (0x28) DSSI 41 (0x29) QIC2 42 (0x2A) Enhanced ATA/IDE 43 (0x2B) AGP 44 (0x2C) TWIRP (two-way infrared) 45 (0x2D) FIR (fast infrared) 46 (0x2E) SIR (serial infrared) 47 (0x2F) IrBus
caption	Short description.
manufacturer	Name of the SCSI controller manufacturer.
lastChanged	last time the table record was changed

SerialNumber

The following fields have been deprecated:

- serialNumberId: String - PK onPrem
- serialNumberKey: String - PK cloud

The following types have been changed:

- productId: String -> productIdentity: String

Final type:

```
type SerialNumber {
  product: String
  productIdentity: String
  productKey: String
  lastChanged: DateTime
}
```

Field	Description
product	name of the product
productIdentity	ID of the product
productKey	product key/software serial number/license key
lastChanged	last time the table record was changed

Share

The following fields have been deprecated:

- shareId: String - PK onPrem
- shareKey: String - PK cloud
- shareUnionId: String - FK onPrem
- shareUnionKey: String - FK cloud

The following types have been changed:

- type: Float -> type: String

The following types have been included:

- sharePermissions: [SharePermission]

  ```
  type SharePermission {
    trustee: String
    readAccess: Boolean
    writeAccess: Boolean
    fullAccess: Boolean
    denyAccess: Boolean
    lastChanged: DateTime
  }
  ```

Field	Description
trustee	Name of the user or group.
readAccess	Indicates whether or not the user/group can read data from the share.
writeAccess	Indicates whether or not the user/group can write data to the share.
fullAccess	Indicates whether or not the user/group has full access to the share.
denyAccess	Indicates whether or not the user/group is denied access to the share.
lastChanged	last time the table record was changed

Final type:

```
type Share {
  caption: String
  name: String
  path: String
  type: String
  hash: String
  lastChanged: DateTime
  sharePermissions: [SharePermission]
}
```

Field	Description
caption	Comment/description added to the share.
name	Internal name of the share.
path	Local path of the share.
type	Type of resource being shared. Value Meaning 0 Disk Drive 1 Print Queue 2 Device 3 IPC 2147483648 Disk Drive Admin 2147483649 Print Queue Admin 2147483650 Device Admin 2147483651 IPC Admin
hash	Hash generated by Lansweeper for the share.
lastChanged	last time the table record was changed
sharePermissions	See sharePermission above

Software

The following fields have been deprecated:

- added: DateTime - When the software was first added to the database, i.e. scanned.
- approved: Float - Indicates which authorization status was manually assigned to the software. The software authorization feature currently only supports software pulled from Windows computers. Value Meaning 0 unrated 1 approved 2 unapproved

- createdAt: DateTime - When the Software has been created.
- createdBy: String - N/A
- desired: String - Reserved for future use.
- major: Float - Major version
- minor: Float - Minor version
- patch: Float - Patch version
- scopeKey: String - Key used internally in cloud to calculate scopes
- softwareId: String - PK onPrem
- softwareKey: String - PK cloud
- softwareUnionId: String - FK onPrem
- softwareUnionKey: String - FK cloud
- timestampAdded: Float - Timestamp when the software has been added
- timestampCreatedAt: Float - Timestamp when the software has been created
- timestampInstallDate: Float - Timestamp when the software has been installed
- timestampLastChanged: Float - - Timestamp when the software has changed
- updatedAt: DateTime - When the software has been updated in normalized software
- updatedBy: String - Person who updated the software in normalized software

The following types have been changed:

- softwareName: String -> name: String
- softwarePublisher: String -> publisher: String
- releaseInfo: String -> release: String
- currentUser: String -> currentUser: Boolean

Final type:

```
type Software {
  installDate: DateTime
  lastChanged: DateTime
  currentUser: Boolean
  msi: Boolean
  name: String
  publisher: String
  operatingSystem: String
  version: String
  release: String
  architecture: String
  status: String
  error: String
}
```

Field	Description
installDate	When the software has been installed
lastChanged	last time the table record was changed

Field	Description
currentUser	Indicates whether or not the software is "per user" software, i.e. software that is only installed for specific users on the computer. Value Meaning 0 not per user software, but software installed for the computer as a whole 1 per user software
msi	Indicates whether or not the software is an MSI package. Value Meaning 0 MSI package 1 not an MSI package, but a custom installer
name	Software name
publisher	Software publisher.
operatingSystem	Operating system when the software has been installed
version	The version
release	The release
architecture	x86 or 64 bits
status	Software status
error	Error detected in software

SoundDevice

The following fields have been deprecated:

- soundDeviceKey: String - PK cloud
- soundDeviceId: String - PK onPrem

Final type:

```
type SoundDevice {
  caption: String
  manufacturer: String
  lastChanged: DateTime
}
```

Field	Description
caption	Short description.
manufacturer	Manufacturer of the sound device.
lastChanged	last time the table record was changed

Sqlserver

The following fields have been deprecated:

- sqlServerId: String - PK onPrem
- sqlServerKey: String - PK cloud
- languageKey: String - FK to languages

The following types have been changed:

- languageId: String -> language: String
- isWow64: Float -> isWow64: Boolean
- authentication: Float -> authentication: String
- sqlDatabases: SqlDatabaseExport -> databases: [SqlDatabase]
- sqlServerServices: SqlServerServiceExport -> services: [SqlServerService]
- sqlServerCluster: SqlServerClusterExport -> cluster: SqlServerCluster

The following types have been included:

- instanceId: String

Final type:

```
type Sqlserver {
  dataPath: String
  fileVersion: String
  installPath: String
  isWow64: Boolean
  skuName: String
  spLevel: Float
  version: String
  displayVersion: String
  serviceName: String
  authentication: String
  isClustered: Boolean
  instanceId: String
  instanceName: String
  language: String
  lastChanged: DateTime
  databases: [SqlDatabase]
  services: [SqlServerService]
  cluster: SqlServerCluster
}
```

Field	Description
dataPath	data directory of the SQL Server installation
fileVersion	file version of the SQL Server installation, e.g. "2007.100.4000.0"
installPath	install path of the SQL Server installation
isWow64	if TRUE, the SQL Server is running under WOW64
skuName	edition of the SQL Server installation, e.g. "Express"

Field	Description
spLevel	service pack level of the SQL Server installation
version	product version of the SQL Server installation, e.g. "10.2.4000.0"
displayVersion	display name of the SQL Server installation, which includes the main version number but not the edition, e.g. "SQL Server 2008"
serviceName	name of the SQL Server service
authentication	Type of SQL Server authentication. 1 = Windows / 2 = Mixed.
isClustered	Indicates whether the SQL Server is part of a cluser. Default = false.
instanceId	The instance ID is used to identify installation directories and registry keys for your instance of SQL Server.
instanceName	This is the name of the SQL server cluster instance assigned to the TCP/IP port. By default, the instance name is used as the Instance ID.
language	Language version of the SQL Server installation. Link to tblLanguages.LanguageCode to get the full language name.
lastChanged	last time the table record was changed
databases	List of SqlDatabase entities
services	List of SqlServerService entities
cluster	Entity of type SqlServerCluster

SqlDatabase

The following fields have been deprecated:

- sqlDatabaseId: String - PK onPrem
- sqlDatabaseKey: String - PK cloud

Final type:

```
type SqlDatabase {
  dataFilesSizeKb: Float
  logFilesSizeKb: Float
  logFilesUsedSizeKb: Float
  name: String
  lastChanged: DateTime
}
```

Field	Description
dataFilesSizeKb	Size of the data files, in Kb
logFilesSizeKb	Size of the log files, in Kb

Field	Description
logFilesUsedSizeKb	Used log file space, in Kb
name	Name of the database
lastChanged	Last time the table record was changed

SqlServerService

The following fields have been deprecated:

- sqlServerServiceId: String - PK onPrem
- sqlServerServiceKey: String - PK cloud

The following types have been changed:

- startupType: Float -> startupType: String
- state: Float -> state: String

Final type:

```
type SqlServerService {
  startupType: String
  state: String
  name: String
}
```

Field	Description
startupType	The startup type of the service. Possible values: Other = 1, Automatic = 2, Manual = 3, Disabled = 4.
state	The state of the service. Possible values are: Stopped = 1, StartPending = 2, StopPending = 3, Running = 4, ContinuePending = 5, PausePending = 6, Paused = 7
name	The name of the service.

SqlServerCluster

The following fields have been deprecated:

- id: String - PK onPrem
- sqlServerClusterId: String - PK onPrem
- sqlServerClusterKey: String - PK cloud

The following types have been changed:

- sqlServerClusterNodes: SqlServerClusterNodeExport -> nodes: [String]

Final type:

```
type SqlServerCluster {
  name: String
  nodes: String
}
```

Field	Description
name	The name of the SQL server cluster
nodes	List with the name of the nodes of the cluster

SystemEnclosure

The following fields have been deprecated:

- chassisTypeId: String - FK onPrem
- chassisTypeKey: String - FK cloud
- img: String - This field has not data, should be deprecated.
- lockPresent: Boolean - If TRUE, the frame is protected with a lock.
- systemEnclosureId: String - PK onPrem
- systemEnclosureKey: String - PK cloud

The following types have been changed:

- securityStatus: Float -> securityStatus: String

The following types have been included:

- From macHwOverviews
    - machineModel: String
    - machineName: String
    - smcVersionSystem: String
    - platformUuId: String -> platformUUID: String

Final type:

```
type SystemEnclosure {
  manufacturer: String
  securityStatus: String
  serialNumber: String
  smbiosAssetTag: String
  version: String
  chassisName: String
  lastChanged: DateTime
  machineModel: String
  machineName: String
  smcVersionSystem: String
```

```
    platformUUID: String
  }
```

Field	Description
manufacturer	Name of the organization that produces the physical element.
securityStatus	Security setting for external input, for example, a keyboard, to a computer. Value Meaning 1 Other 2 Unknown 3 None 4 External Interface Locked Out 5 External Interface Enabled
serialNumber	Manufacturer-allocated number used to identify the physical element.
smbiosAssetTag	Asset tag number of the system enclosure.
version	Version of the physical element.
chassisName	The name of the chassis
lastChanged	last time the table record was changed
machineModel	Machine model
machineName	Machine name
smcVersionSystem	SMC version system.
platformUUID	UUID of the platform.

TapeDrive

The following fields have been deprecated:

- tapeDriveId: String - PK onPrem
- tapeDriveKey: String - PK cloud

The following types have been included:

- availability: String

Final type:

```
type TapeDrive {
  availability: String
  capability: String
  caption: String
  compression: Float
  defaultBlockSize: Float
  manufacturer: String
  maxBlockSize: Float
  maxMediaSize: Float
  maxPartitionCount: Float
  mediaType: String
```

```
    minBlockSize: Float
    needsCleaning: Boolean
    numberOfMediaSupported: Float
    padding: Float
    lastChanged: DateTime
  }
```

Field	Description
availability	Availability and status of the device. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) Running or Full Power 4 (0x4) Warning 5 (0x5) In Test 6 (0x6) Not Applicable 7 (0x7) Power Off 8 (0x8) Off Line 9 (0x9) Off Duty 10 (0xA) Degraded 11 (0xB) Not Installed 12 (0xC) Install Error 13 (0xD) Power Save - Unknown The device is known to be in a power save mode, but its exact status is unknown. 14 (0xE) Power Save - Low Power Mode The device is in a power save state but still functioning, and may exhibit degraded performance. 15 (0xF) Power Save - Standby The device is not functioning, but could be brought to full power quickly. 16 (0x10) Power Cycle 17 (0x11) Power Save - Warning The device is in a warning state, though also in a power save mode.
capability	Array of capabilities of the media access device. For example, the device may support Random Access, removable media and Automatic Cleaning. In this case, the values 3, 7, and 9 would be written to the array. Value Meaning 0 Unknown 1 Other 2 Sequential Access 3 Random Access 4 Supports Writing 5 Encryption 6 Compression 7 Supports Removable Media 8 Manual Cleaning 9 Automatic Cleaning 10 SMART Notification 11 Supports Dual-Sided Media 12 Predismount Eject Not Required
caption	Short description of the object.
compression	If TRUE, hardware data compression is enabled.
defaultBlockSize	Default block size, in bytes, for this device.
manufacturer	Manufacturer of the tape drive.
maxBlockSize	Maximum block size, in bytes, for media accessed by this device.
maxMediaSize	Maximum size, in kilobytes, of media supported by this device.
maxPartitionCount	Maximum partition count for the tape drive.
mediaType	Media type used by (or accessed by) this device.
minBlockSize	Minimum block size, in bytes, for media accessed by this device.
needsCleaning	If TRUE, the media access device needs cleaning. Whether manual or automatic cleaning is possible is indicated in the Capabilities property.
numberOfMediaSupported	Maximum number of individual media which can be supported or inserted in the media access device (when supported).

Field	Description
padding	Number of bytes inserted between blocks on a tape media.
lastChanged	last time the table record was changed

TonerInformation

The following fields have been deprecated:

- tonerInformationId: String - PK onPrem
- tonerInformationKey: String - PK cloud

Final type:

```
type TonerInformation {
  tonerNr: Float
  tonerName: String
  tonerColorName: String
  tonerColorNr: Float
  tonerMaximum: Float
  tonerRemaining: Float
  lastChanged: DateTime
}
```

Field	Description
tonerNr	toner number
tonerName	name
tonerColorName	color
tonerColorNr	color number
tonerMaximum	maximum capacity
tonerRemaining	amount of ink/toner remaining
lastChanged	last time the table record was changed

Tpm

The following fields have been deprecated:

- tpmId: String - PK onPrem
- tpmKey: String - PK cloud

The following types have been changed: lastChanged: String -> lastChanged: DateTime

The following types have been included:

- ChromeOsTpms:
  - family: String
  - firmwareVersion: String
  - manufacturerCode: String
  - specLevel: String
  - modelNumber: String
  - vendorSpecific: String

Final type:

```
type Tpm {
  isActivatedInitialValue: Boolean
  isEnabledInitialValue: Boolean
  isOwnedInitialValue: Boolean
  specVersion: String
  manufacturerVersion: String
  manufacturerVersionInfo: String
  physicalPresenceVersionInfo: String
  family: String
  firmwareVersion: String
  manufacturerCode: String
  specLevel: String
  modelNumber: String
  vendorSpecific: String
  lastChanged: DateTime
}
```

Field	Description
isActivatedInitialValue	Indicates whether the TPM is activated.
isEnabledInitialValue	Indicates whether the TPM is enabled.
isOwnedInitialValue	Indicates whether the TPM has an owner. True if the device has an owner, otherwise false.
specVersion	The version of the Trusted Computing Group (TCG) specification that the TPM supports. This value includes the major and minor TCG specification version, the specification revision level, and the errata revision level. All values are in hexadecimal. For example, a version information of "1.2, 2, 0" indicates that the device was implemented to TCG specification version 1.2, revision level 2, and with no errata.
manufacturerVersion	The version of the TPM, as specified by the manufacturer. When the data is unavailable, "Not Supported" is returned.
manufacturerVersionInfo	Other manufacturer-specific version information for the TPM. When the data is unavailable, "Not Supported" is returned.

Field	Description
physicalPresenceVersionInfo	The version of the Physical Presence Interface, a communication mechanism used to run device operations that require physical presence, which the computer supports.
family	TPM family.
firmwareVersion	TPM firmware version.
manufacturerCode	TPM manufacturer code.
specLevel	TPM specification level.
modelNumber	TPM model number.
vendorSpecific	Vendor-specific information such as Vendor ID.
lastChanged	last time the table record was changed

UsbDevices

The following fields have been deprecated:

- usbDeviceId: String - PK onPrem
- usbDeviceKey: String - PK cloud

The following types have been changed: lastChanged: String -> lastChanged: DateTime

The following types have been included:

- deviceId: String

Final type:

```
type UsbDevices {
  caption: String
  manufacturer: String
  deviceId: String
  lastChanged: DateTime
}
```

Field	Description
caption	Label by which the object is known.
manufacturer	Name of the manufacturer of the Plug and Play device.
deviceId	Identifier of the Plug and Play device.
lastChanged	last time the table record was changed

UsbControllers

The following fields have been deprecated:

- usbControllerId: String - PK onPrem
- usbControllerKey: String - PK cloud

The following types have been changed: lastChanged: String -> lastChanged: DateTime

The following types have been included:

- supportedProtocol: String

Final type:

```
type UsbController {
  caption: String
  manufacturer: String
  supportedProtocol: String
  lastChanged: DateTime
}
```

Field	Description
caption	Short description.
manufacturer	Manufacturer of the controller.
supportedProtocol	Protocol used by the controller to access "controlled" devices. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) EISA 4 (0x4) ISA 5 (0x5) PCI 6 (0x6) ATA or ATAPI 7 (0x7) Flexible Diskette 8 (0x8) 1496 9 (0x9) SCSI Parallel Interface 10 (0xA) SCSI Fiber Channel Protocol 11 (0xB) SCSI Serial Bus Protocol 12 (0xC) SCSI Serial Bus Protocol-2 (1394) 13 (0xD) SCSI Serial Storage Architecture 14 (0xE) VESA 15 (0xF) PCMCIA 16 (0x10) Universal Serial Bus 17 (0x11) Parallel Protocol 18 (0x12) ESCON 19 (0x13) Diagnostic 20 (0x14) I2C 21 (0x15) Power 22 (0x16) HIPPI 23 (0x17) MultiBus 24 (0x18) VME 25 (0x19) IPI 26 (0x1A) IEEE-488 27 (0x1B) RS232 28 (0x1C) IEEE 802.3 10BASE5 29 (0x1D) IEEE 802.3 10BASE2 30 (0x1E) IEEE 802.3 1BASE5 31 (0x1F) IEEE 802.3 10BROAD36 32 (0x20) IEEE 802.3 100BASEVG 33 (0x21) IEEE 802.5 Token-Ring 34 (0x22) ANSI X3T9.5 FDDI 35 (0x23) MCA 36 (0x24) ESDI 37 (0x25) IDE 38 (0x26) CMD 39 (0x27) ST506 40 (0x28) DSSI 41 (0x29) QIC2 42 (0x2A) Enhanced ATA/IDE 43 (0x2B) AGP 44 (0x2C) TWIRP (two-way infrared) 45 (0x2D) FIR (fast infrared) 46 (0x2E) SIR (serial infrared) 47 (0x2F) IrBus
lastChanged	last time the table record was changed

VirtualMachine

Old types like VmwareServerExport and VmwareGuestExport are merged in VirtualMachine.

The following fields have been deprecated:

- VmwareGuestExport

    - assetId: String - FK onPrem
    - assetKey: String - FK cloud
    - clientKey: String - Site id identifier
    - installKey: String - Installation identifier
    - managementServerlp: String - IP address of the VirtualCenter server managing this ESX(i) host, if any.
    - uuid: String - The hardware BIOS identification.
    - vmwareDataCenterId: String - FK onPrem
    - vmwareDataCenterKey: String - FK cloud
    - vmwareEsxiClusterKey: String - FK cloud
    - vmwareServerId: String - FK onPrem
    - vmwareServerKey: String - FK cloud

- VmwareServerExport

    - assetId: String - FK onPrem
    - assetKey: String - FK cloud
    - clientKey: String - Site id identifier
    - installKey: String - Installation identifier
    - managementServerlp: String - IP address of the VirtualCenter server managing this ESX(i) host, if any.

The following types have been changed:

- VmwareGuestExport

    - memorySize: String -> memorySize: Float
    - lastChanged: String => lastChanged: DateTime

- VmwareServerExport

    - memorySize: String -> memorySize: Float
    - lastChanged: String => lastChanged: DateTime

The following types have been included:

- biosDate: DateTime
- bootDiagnosticsStorageUri: String
- dataCenterKey: String
- diskImageOffer: String
- diskImagePublisher: String
- diskImageSku: String
- diskImageVersion: String
- esxiKey: String
- name: String
- lastChanged: String
- guestFullName: String
- guestSnapshots: [VmwareGuestSnapshot]

- ipv4Address: String
- isBootDiagnosticsEnabled: Boolean
- isManagedDiskEnabled: Boolean
- isManagedServiceIdentityEnabled: Boolean
- isRunning: String
- licenseType: String
- managedServiceIdentityType: String
- managementServerIp: String
- maxDataDiskCount: Float
- numEthernetCards: Float
- numberOfCores: Float
- numberOfDisks: Float
- region: String
- resourceDiskSizeInMb: Float
- size: String
- state: String
- tags: String
- toolsRunningStatus: Float
- toolsStatus: Float
- toolsVersion: String
- toolsVersionStatus: Float
- upTime: String
- vCenterKey: String
- virtualMachineExtensions: [AzureVirtualMachineExtension]
- model: String
- vmwareServerId: String

Final type:

```
type VirtualMachine {
  numberOfDisks: Float
  memorySize: Float
  numberOfCores: Float
  name: String
  isRunning: String
  toolsRunningStatus: Float
  toolsVersion: String
  toolsVersionStatus: Float
  toolsStatus: Float
  esxiKey: String
  bootTime: String
  guestFullName: String
  hostName: String
  version: String
  ipv4Address: String
  numEthernetCards: Float
  guestSnapshots: [VmwareGuestSnapshot]
  lastChanged: DateTime
  biosVersion: String
```

```
    biosDate: DateTime
    numCpuCores: Float
    numCpuPkgs: Float
    numCpuThreads: Float
    internalKey: String
    adminDisabled: Boolean
    dnsAddresses: String
    defaultGateway: String
    domainName: String
    dhcp: Boolean
    connectionState: String
    powerState: String
    upTime: String
    hostMaxVirtualDiskCapacity: String
    ipAddress: String
    port: Float
    sslThumbprint: String
    managementServerIp: String
    vendor: String
    model: String
    cpuModel: String
    cpuMhz: Float
    cpuPackagesDescriptions: String
    numNics: Float
    numHbas: Float
    serial: String
    dataCenterKey: String
    vCenterKey: String
    bootDiagnosticsStorageUri: String
    diskImageOffer: String
    diskImagePublisher: String
    diskImageSku: String
    diskImageVersion: String
    isBootDiagnosticsEnabled: Boolean
    isManagedDiskEnabled: Boolean
    isManagedServiceIdentityEnabled: Boolean
    licenseType: String
    managedServiceIdentityType: String
    state: String
    region: String
    resourceDiskSizeInMb: Float
    size: String
    tags: String
    virtualMachineExtensions: [AzureVirtualMachineExtension]
    maxDataDiskCount: Float
    vmwareServerId: String
  }
```

Field	Description
numberOfDisks	Number of disks
memorySize	The memory size supported by the virtual machine size, in Mb.

Field	Description
numberOfCores	The number of cores supported by the virtual machine size.
name	The name of the virtual machine or the resource.
isRunning	Indicates whether or not the virtual guest machine is currently powered on.
toolsRunningStatus	Current running status of the VMware Tools on the virtual guest machine. If no value is stored, the running status is unknown. Value Meaning 1 executing scripts 2 not running 3 running
toolsVersion	Current version of the VMware Tools on the virtual guest machine, if known.
toolsVersionStatus	Current version status of the VMware Tools on the virtual guest machine. If no value is stored, the version status is unknown. Value Meaning 1 current 2 out of date 3 not installed 4 unmanaged
toolsStatus	Current status of the VMware Tools on the virtual guest machine, if known. Deprecated. As of vSphere API 4.0, use ToolsVersionStatus and ToolsRunningStatus instead.
esxiKey	FK to ESXI server
bootTime	The timestamp when the virtual guest machine was most recently powered on.
guestFullName	The full name of the virtual guest machine's operating system.
hostName	The host name of the virtual guest machine.
version	The version of the virtual guest machine.
ipv4Address	The IPv4 address of the virtual guest machine.
numEthernetCards	Number of virtual network adapters.
guestSnapshots	See VmwareGuestSnapshot
lastChanged	last time the table record was changed
biosVersion	The current BIOS version of the physical chassis.
biosDate	The release date for the BIOS.
numCpuCores	Number of physical CPU cores on the ESX(i) host. Physical CPU cores are the processors contained by a CPU package.
numCpuPkgs	Number of physical CPU packages on the ESX(i) host. Physical CPU packages are chips that contain one or more processors. Processors contained by a package are also known as CPU cores. For example, one dual-core package is comprised of one chip that contains two CPU cores.

Field	Description
numCpuThreads	Number of physical CPU threads on the ESX(i) host.
internalKey	The VMware ESX(i) host key reference. Internal use only.
adminDisabled	If the flag is true, the permissions on the ESX(i) host have been modified such that it is only accessible through local console or an authorized centralized management application. This is supported in VirtualCenter only. Deprecated.
dnsAddresses	Comma-separated DNS addresses list of the ESX(i) host.
defaultGateway	Comma-separated list containing the descriptions of the CPU packages.
domainName	Domain of the ESX(i) host.
dhcp	Indicates whether client side DHCP is enabled on the ESX(i) host.
connectionState	The ESX(i) host connection state. Possible results are: connected, disconnected and notResponding.
powerState	The ESX(i) host power state. Possible results are: poweredOff, poweredOn, standBy and unknown.
upTime	The time that the ESX(i) host is powered on, in seconds.
hostMaxVirtualDiskCapacity	The maximum theoretical virtual disk capacity supported by this ESX(i) host. Since API 5.5.
ipAddress	The IP address of the ESX(i) host.
port	The port number.
sslThumbprint	The SSL thumbprint of the ESX(i) host, if known.
managementServerIp	IP address of the VirtualCenter server managing this ESX(i) host, if any.
vendor	The hardware vendor identification.
model	The system model identification.
cpuModel	The CPU model.
cpuMhz	The speed of the CPU cores. This is an average value if there are multiple speeds. The product of cpuMhz and numCpuCores is approximately equal to the sum of the MHz for all the individual cores on the ESX(i) host.
cpuPackagesDescriptions	Comma-separated list containing the descriptions of the CPU packages.
numNics	The number of network adapters.
numHbas	The number of ESX(i) host bus adapters (HBAs).

Field	Description
serial	The system identification information.
dataCenterKey	FK to know the datacenter related of VMWareServer
bootDiagnosticsStorageUri	The storage blob URI endpoint if boot diagnostics is enabled for the virtual machine.
diskImageOffer	The offer of the platform image or marketplace image used to create the virtual machine.
diskImagePublisher	The image publisher.
diskImageSku	The image SKU.
diskImageVersion	The version of the platform image or marketplace image used to create the virtual machine. The formats are: Major.Minor.Build (in decimal numbers), Latest (= latest version of the image at deploy time).
isBootDiagnosticsEnabled	Flag that indicates whether the boot diagnostics is enabled for the virtual machine.
isManagedDiskEnabled	Flag that indicates whether managed disks are used for the virtual machine's disks (OS, data).
isManagedServiceIdentityEnabled	Flag that indicates whether managed service identity is enabled for the virtual machine.
licenseType	Gets or sets specifies that the image or disk that is being used was licensed on-premises. This element is only used for images that contain the Windows Server operating system. Possible values: Windows_Client, Windows_Server.
managedServiceIdentityType	Possible values: SystemAssigned, UserAssigned, SystemAssignedUserAssigned, None.
state	The status of a user-initiated, control-plane operation on the virtual machine. Possible values: Canceled, Failed, Succeeded.
region	The physical location name where the metadata is stored.
resourceDiskSizeInMb	The resource disk size allowed by the virtual machine size.
size	The size of the virtual machine. Possible values: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sizes
tags	Tags attached to the virtual machine resource. This is a dictionary stored in a JSON format.
virtualMachineExtensions	See VirtualMachineExtension

Field	Description
maxDataDiskCount	The maximum number of data disks allowed by a virtual machine size.
vmwareServerId	This field is used in ADP for internal purposes, should not be necessary to consume, is used to correlate VMWareProductInfo

Volume

Old types like EncryptableVolumeExport and are merged in Volume.

The following fields have been deprecated:

- EncryptableVolumeExport

    - encryptableVolumeId: String - PK onPrem
    - encryptableVolumeKey: String - PK cloud

- VolumeExport

    - dirtyBitSet: Boolean - Indicates whether or not the Chkdsk method is automatically run by the system at the next restart. True = Chkdsk is automatically run at the next restart | False = Chkdsk is not automatically run at the next restart.
    - errorCleared: Boolean - Indicates whether or not the error given back in LastErrorCode is cleared. True = Error is cleared | False = Error is not cleared
    - errorDescription: String - Gives back additional information about the error given back in LastErrorCode.
    - volumeId: String - PK onPrem
    - volumeKey: String - PK cloud

The following types have been changed:

- EncryptableVolumeExport

    - protectionStatus: Float -> protectionStatus: String

- VolumeExport

    - driveTypeId: String -> driveType: String
    - errorMethodology: String -> errorMethodology: Boolean
    - lastChanged: String -> lastChanged: DateTime

- LinuxVolumes

    - mounted: String -> automount: Boolean

The following types have been included:

- Volumes:

    - driveType: String

- errorMethodology: Boolean
- mountPoint: String
- size: Float
- type: String

- ChromeOsVolumes:

  - storageFree: Float -> freeSpace: Float
  - storageTotal: Float -> size: Float

Final type:

```
type Volume {
  automount: Boolean
  size: Float
  fileSystem: String
  label: String
  name: String
  type: String
  lastChanged: DateTime
  mountPoint: String
  blockSize: Float
  compressed: Boolean
  driveLetter: String
  driveType: String
  errorMethodology: Boolean
  freeSpace: Float
  indexingEnabled: Boolean
  pageFilePresent: Boolean
  supportsDiskQuotas: Boolean
  supportsFileBasedCompression: Boolean
  protectionStatus: String
  capacity: Float
}
```

Field	Description
automount	Indicates whether or not the volume is mounted to the file system automatically when the first I/O is issued. True = Volume automatically mounted with the issue of the first I/O, False = Volume will only be mounted by using the 'Mount' method or adding a drive letter or mount point.
size	Size of the volume in bytes.
fileSystem	File system on the logical disk.

Field	Description
label	Volume name of the logical disk. This property is null for volumes without a label. For FAT and FAT32 systems, the maximum length is 11 characters. For NTFS file systems, the maximum length is 32 characters.
name	Label by which the object is known.
type	LinuxVolume type
lastChanged	last time the table record was changed
mountPoint	Mount point of the volume. A mount point is a directory (typically an empty one) in the currently accessible file system on which an additional file system is mounted (i.e., logically attached).
blockSize	Size in bytes of the block in the storage extent. If there is a variable block size, then the maximum block size in bytes is specified. If the block size is unknown or if a block concept is not valid
compressed	Indicates whether or not the volume exists as one compressed entity. If file-based compression is supported, such as the NTFS file system, then the field is set to false. True = The volume exists as one compressed entity, such as a DoubleSpace volume False = The volume does not exist as one compressed entity.
driveLetter	Drive letter assigned to a volume. This property is NULL for volumes without drive letters.
driveType	Numeric value that corresponds to the type of disk drive that this logical disk represents. 0 = Unknown, 1 = No Root Directory, 2 = Removable Disk, 3 = Local Disk, 4 = Network Drive, 5 = Compact Disk, 6 = RAM Disk.
errorMethodology	Type of error detection and correction supported by this storage extent.
freeSpace	Space, in bytes, available on the logical disk.
indexingEnabled	Indicates whether or not context indexing is enabled. True = Context indexing is enabled / False = Context indexing is not enabled.
pageFilePresent	Indicates whether or not the page file is present on the volume. True = Page file is present / False = Page file is not present.
supportsDiskQuotas	Indicates whether disk quotas are supported. 0 = False 1 = True.
supportsFileBasedCompression	Indicates whether file compression is supported. 0 = False 1 = True.
protectionStatus	The status of the volume, whether or not BitLocker is protecting the volume. Value Meaning 0 protection off 1 protection on 2 protection unknown

Warranty

The following fields have been deprecated:

- warrantyId: String - PK onPrem
- warrantyKey: String - PK cloud

The following types have been included:

- warrantyDetails: WarrantyDetailExport - details: [WarrantyDetail]

The following types have been included:

- details: [WarrantyDetail]

Final type:

```
type Warranty {
  lastWarrantyTry: String
  lastWarrantySuccess: String
  purchaseCountry: String
  shipDate: String
  forceUpdate: Boolean
  error: String
  details: [WarrantyDetail]
}
```

Field	Description
lastWarrantyTry	last time Lansweeper tried to scan the asset's warranty information
lastWarrantySuccess	last time Lansweeper successfully scanned the asset's warranty information
purchaseCountry	purchase country
shipDate	ship date
forceUpdate	if TRUE, then a warranty update will be forced
error	warranty scanning error, if the last warranty scan attempt was unsuccessful
details	See WarrantyDetail

WarrantyDetail

The following fields have been deprecated:

- warrantyDetailId: String - PK onPrem
- warrantyDetailKey: String - PK cloud

The following types have been changed:

- lastChanged: String -> lastChanged: DateTime

- warrantyEndDate: String -> endDate: DateTime
- warrantyStartDate: String -> startDate: DateTime

Final type:

```
type WarrantyDetail {
  startDate: DateTime
  endDate: DateTime
  serviceType: String
  lastChanged: DateTime
}
```

Field	Description
startDate	warranty start date
endDate	warranty end date
serviceType	name of the warranty service
lastChanged	last time the table record was changed

Service

This attribute contains information about the services installed on a Windows computer

The following fields have been deprecated:

- acceptPause: Boolean - Indicates whether the service can be paused.
- acceptStop: Boolean - Indicates whether the service can be stopped.
- desktopInteract: Boolean - Indicates whether the service can create or communicate with windows on the desktop, and thus interact in some way with a user. Interactive services must run under the Local System account. Most services are not interactive; that is, they do not communicate with the user in any way.
- serviceKey: String - PK in cloud
- serviceId: String - PK in onPrem
- serviceStartModeKey: String - FK in cloud to service start
- serviceStartModeId: String - FK in onPrem to service start
- serviceStateKey: String - FK in cloud to service state
- serviceStateId: String - FK in onPrem to service state
- serviceUnionKey: String - FK in cloud to service union
- serviceUnionId: String - FK in onPrem to service union
- started: Boolean - Indicates whether or not the service is started.
- hash: String - Hash generated by Lansweeper for the service.
- name: String - Internal name of the service. This is the Service Name value you see when running services.msc, right-clicking the service and selecting Properties. The internal name of the Windows Update service is wuauserv for instance.

```
type Service {
  caption: String
  pathName: String
  startName: String
  startMode: String
  state: String
  lastChanged: DateTime
}
```

Field	Description
caption	Display name of the service, e.g. Windows Update. This is the Name value you see in the service list when running services.msc and the Display Name value you see when right-clicking the service in the service list and selecting Properties.
pathName	Fully qualified path to the service binary file that implements the service. Example: "\SystemRoot\System32\drivers\afd.sys"
startName	Account name under which the service runs.
startMode	service start mode
state	state of the service
lastChanged	last time the table record was changed

New types

- AzureIpConfiguration

```
type AzureIpConfiguration {
  name: String
  state: String
  privateIpAddress: String
  privateIpAddressVersion: String
  privateIpAlLocationMethod: String
  isPrimary: Boolean
  publicIpAddress: String
  publicIpAddressVersion: String
  publicIpAlLocationMethod: String
  fqdn: String
  reverseFqdn: String
  leafDomainLabel: String
  idleTimeoutInMinutes: Float
  hasAssignedLoadBalancer: Boolean
}
```

Field	Description
name	The name of the IP configuration.
state	The provisioning state of the public IP resource. Possible values: Canceled, Failed, Succeeded.
privateIpAddress	The private IP address associated with this resource.
privateIpAddressVersion	The version of the private IP address. Possible values: IPv4, IPv6.
privateIpAlLocationMethod	The private IP address allocation method within the associated subnet. Possible values: Static, Dynamic
isPrimary	Flag that indicates whether this is the primary IP configuration.
publicIpAddress	The assigned (public) IP address.
publicIpAddressVersion	The version of the public IP address. Possible values: IPv4, IPv6.
publicIpAlLocationMethod	The public IP address allocation method within the associated subnet. Possible values: Static, Dynamic
fqdn	The assigned fully qualified domain name for the public IP address.
reverseFqdn	The assigned reverse fully qualified domain name for the public IP address.
leafDomainLabel	The assigned leaf domain label
idleTimeoutInMinutes	The idle connection timeout setting, in minutes.

Field	Description
hasAssignedLoadBalancer	Flag that indicates whether this public IP address is assigned to a load balancer.

- ChromeOsActiveTimeRange

```
type ChromeOsActiveTimeRange {
  chromeOsActiveTimeRangeId: String
  activeTime: DateTime
  date: DateTime
  lastChanged: DateTime
}
```

Field	Description
chromeOsActiveTimeRangeId	PK onPrem
activeTime	Duration of usage in milliseconds
date	Date of usage.
lastChanged	last time the table record was changed

- User The following types have been included:
    - ChromeOsRecentUsers:
        - email: String
        - type: String
        - lastChanged: DateTime

Final type:

```
type User {
  email: String
  type: String
  lastChanged: DateTime
}
```

Field	Description
email	The user's email address. This is only present if the user type is USER_TYPE_MANAGED.
type	The type of the user. USER_TYPE_MANAGED: The user is managed by the domain. USER_TYPE_UNMANAGED: The user is not managed by the domain.
lastChanged	last time the table record was changed

- VmwareGuestSnapshot

```
type VmwareGuestSnapshot {
  internalKey: String
  name: String
  createTime: DateTime
}
```

Field	Description
internalKey	The VMware snapshot key reference. Internal use only.
name	The name of the snapshot.
createTime	The time that the snapshot was created.

- AzureVirtualMachineExtension

```
type AzureVirtualMachineExtension {
  name: String
  type: String
  typeHandlerVersion: String
}
```

Field	Description
name	The name of the virtual machine extension.
type	The type of the extension. E.g. CustomScriptExtension.
typeHandlerVersion	The version of the script handler.

- AzureSecurityRule

```
type AzureSecurityRule {
  ruleType: String
  name: String
  state: String
  access: String
  priority: Float
  description: String
  direction: String
  protocol: String
  destinationPortRange: String
  sourcePortRange: String
  destinationAddressPrefix: String
  sourceAddressPrefix: String
```

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```
  }
```

Field	Description
ruleType	The type of the security rule. Possible values: Default, Custom.
name	The name of the security rule.
state	The status of a user-initiated, control-plane operation on the network security group. Possible values: Canceled, Failed, Succeeded.
access	The type of access the security rule enforces.
priority	The priority number of this security rule based on which this rule will be applied relative to the priority numbers of any other rules specified for the parent network security group.
description	The user-defined description of the security rule.
direction	The direction of the network traffic that the network security rule applies to.
protocol	The network protocol the rule applies to.
destinationPortRange	The destination port range that the rule applies to. The format is '##-##', where means any.
sourcePortRange	The source port range that the rule applies to. The format is '##-##', where means any.
destinationAddressPrefix	The destination address prefix the rule applies to, expressed using the CIDR notation, where means any.
sourceAddressPrefix	The source address prefix the rule applies to, expressed using the CIDR notation, where means any.

- AzureNetworkSecurityGroup

```
type AzureNetworkSecurityGroup {
  name: String
  region: String
  tags: String
  state: String
  securityRules: [AzureSecurityRule]
  lastChanged: DateTime
}
```

Field	Description
name	The name of the network security group.

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Field	Description
region	The physical location name where the metadata is stored.
tags	Tags attached to the network security group. This is a dictionary stored in a JSON format.
state	The status of a user-initiated, control-plane operation on the network security group. Possible values: Canceled, Failed, Succeeded.
securityRules	See AzureSecurityRule
lastChanged	last time the table record was changed

- AzureSubnetIpConfiguration

```
type AzureSubnetIpConfiguration {
  name: String
  state: String
  privateIpAddress: String
  privateIpAddressVersion: String
  privateIpAlLocationMethod: String
  isPrimary: Boolean
  publicIpAddress: String
  publicIpAddressVersion: String
  publicIpAlLocationMethod: String
  fqdn: String
  reverseFqdn: String
  leafDomainLabel: String
  idleTimeoutInMinutes: Float
  hasAssignedLoadBalancer: Boolean
}
```

Field	Description
name	The name of the IP configuration.
state	The provisioning state of the public IP resource. Possible values: Canceled, Failed, Succeeded.
privateIpAddress	The private IP address associated with this resource.
privateIpAddressVersion	The version of the private IP address. Possible values: IPv4, IPv6.
privateIpAlLocationMethod	The private IP address allocation method within the associated subnet. Possible values: Static, Dynamic
isPrimary	Flag that indicates whether this is the primary IP configuration.
publicIpAddress	The assigned (public) IP address.
publicIpAddressVersion	The version of the public IP address. Possible values: IPv4, IPv6.

Field	Description
publicIpAlLocationMethod	The public IP address allocation method within the associated subnet. Possible values: Static, Dynamic
fqdn	The assigned fully qualified domain name for the public IP address.
reverseFqdn	The assigned reverse fully qualified domain name for the public IP address.
leafDomainLabel	The assigned leaf domain label
idleTimeoutInMinutes	The idle connection timeout setting, in minutes.
hasAssignedLoadBalancer	Flag that indicates whether this public IP address is assigned to a load balancer.

- Subnet

```
type Subnet {
  name: String
  region: String
  state: String
  addressPrefix: String
  configuration: AzureSubnetIpConfiguration
}
```

Field	Description
name	The name of the subnet.
region	The physical location name where the metadata is stored.
state	The status of a user-initiated, control-plane operation on the subnet. Possible values: Canceled, Failed, Succeeded.
addressPrefix	The address space prefix, in CIDR notation, assigned to this subnet.
configuration	See AzureSubnetIpConfiguration

- PcmciaController

```
type PcmciaController {
  caption: String
  manufacturer: String
  protocolSupported: String
  lastChanged: DateTime
}
```

Field	Description
caption	Short description.
manufacturer	Name of the PCMCIA controller manufacturer.
protocolSupported	Protocol used by the controller to access "controlled" devices. Value Meaning 1 (0x1) Other 2 (0x2) Unknown 3 (0x3) EISA 4 (0x4) ISA 5 (0x5) PCI 6 (0x6) ATA/ATAPI 7 (0x7) Flexible Diskette 8 (0x8) 1496 9 (0x9) SCSI Parallel Interface 10 (0xA) SCSI Fiber Channel Protocol 11 (0xB) SCSI Serial Bus Protocol 12 (0xC) SCSI Serial Bus Protocol-2 (1394) 13 (0xD) SCSI Serial Storage Architecture 14 (0xE) VESA 15 (0xF) PCMCIA 16 (0x10) Universal Serial Bus 17 (0x11) Parallel Protocol 18 (0x12) ESCON 19 (0x13) Diagnostic 20 (0x14) I2C 21 (0x15) Power 22 (0x16) HIPPI 23 (0x17) MultiBus 24 (0x18) VME 25 (0x19) IPI 26 (0x1A) IEEE-488 27 (0x1B) RS232 28 (0x1C) IEEE 802.3 10BASE5 29 (0x1D) IEEE 802.3 10BASE2 30 (0x1E) IEEE 802.3 1BASE5 31 (0x1F) IEEE 802.3 10BROAD36 32 (0x20) IEEE 802.3 100BASEVG 33 (0x21) IEEE 802.5 Token-Ring 34 (0x22) ANSI X3T9.5 FDDI 35 (0x23) MCA 36 (0x24) ESDI 37 (0x25) IDE 38 (0x26) CMD 39 (0x27) ST506 40 (0x28) DSSI 41 (0x29) QIC2 42 (0x2A) Enhanced ATA/IDE 43 (0x2B) AGP 44 (0x2C) TWIRP (two-way infrared) 45 (0x2D) FIR (fast infrared) 46 (0x2E) SIR (serial infrared) 47 (0x2F) IrBus
lastChanged	last time the table record was changed

- PciCard

```
type PciCard {
  name: String
  manufacturer: String
  type: String
  deviceId: String
  subSystemName: String
  subSystemManufacturer: String
  lastChanged: DateTime
}
```

Field	Description
name	Name.
manufacturer	Manufacturer.
type	Type.
deviceId	Device ID.
subSystemName	Name of the sub system that the PCI card belongs to.
subSystemManufacturer	Manufacturer of the subsystem that the PCI card belongs to.
lastChanged	last time the table record was changed

- OperatingSystemRecoveryConfiguration

```
type OperatingSystemRecoveryConfiguration {
  autoReboot: Boolean
  debugFilepath: String
  debugInfoType: Float
  kernelDumpOnly: Float
  miniDumpDirectory: String
  overwriteExistingDebugFile: Boolean
  sendAdminAlert: Boolean
  writeDebugInfo: Boolean
  writeToSystemlog: Boolean
  lastChanged: DateTime
}
```

Field	Description
autoReboot	System will automatically reboot during a recovery operation.
debugFilepath	Full path to the debug file. A debug file is created with the memory state of the computer after a computer failure.
debugInfoType	Windows Server 2003 and Windows XP: Type of debugging information written to the log file. Value Meaning 0 None 1 Complete Memory Dump 2 Kernel Memory Dump 3 Small Memory Dump
kernelDumpOnly	Only kernel debug information will be written to the debug log file. If TRUE, then only the state of the kernel is written to a file in the event of a system failure. If FALSE, the system will try to log the state of the memory, and any devices that can provide information about the system when it failed.
miniDumpDirectory	Windows Server 2003 and Windows XP: Directory where small memory dump files will be recorded and accumulated.
overwriteExistingDebugFile	New log file will overwrite an existing one.
sendAdminAlert	Alert message will be sent to the system administrator in the event of an operating system failure.
writeDebugInfo	Debugging information is to be written to a log file.
writeToSystemlog	Events will be written to a system log.
lastChanged	last time the table record was changed

- Modem

```
type Modem {
  attachedTo: String
  caption: String
```

```
      countryselected: String
      externalModem: String
      maxBaudRateToPhone: Float
      maxBaudRateToSerialPort: Float
      providerName: String
      lastChanged: DateTime
  }
```

Field	Description
attachedTo	Port to which the modem is attached.
caption	Short description of the object.
countryselected	Country/region for which the modem is currently programmed. When multiple countries/regions are supported, this property defines which one is currently selected for use.
externalModem	Indicates if the modem is external
maxBaudRateToPhone	Maximum settable communication speed for accessing the phone system.
maxBaudRateToSerialPort	Maximum settable communication speed to the COM port for an external modem. Enter 0 (zero) if not applicable.
providerName	Network path to the computer that provides the modem services.
lastChanged	last time the table record was changed

- SnmpInfo

```
type SnmpInfo {
  interfaceIndex: Float
  interfaceDescription: String
  interfaceMtu: Float
  interfaceSpeed: Float
  interfaceIpAddress: String
  interfaceMask: String
  interfaceMacAddress: String
  interfaceAdminStatus: Float
  interfaceOperStatus: Float
  upLink: Boolean
  portName: String
  vLan: String
  interfaceName: String
  interfaceAlias: String
  defaultGateway: String
  lastChanged: DateTime
}
```

Field	Description
interfaceIndex	Interface/port number.
interfaceDescription	Interface description.
interfaceMtu	maximum size of the data protocol unit
interfaceSpeed	Interface speed.
interfaceIpAddress	IP address.
interfaceMask	Subnet mask.
interfaceMacAddress	MAC address of the interface.
interfaceAdminStatus	this field indicates if admin is the running state of the interface
interfaceOperStatus	this field indicates if operational is the running state of the interface
upLink	indicates if this field is a uplink or not
portName	name of the port
vLan	VLAN where this interface belongs to
interfaceName	name
interfaceAlias	alias
defaultGateway	Default Gateway from the interface/port.
lastChanged	last time the table record was changed

- Ups

```
type Ups {
  manufacturer: String
  model: String
  upsSoftwareVersion: String
  agentSoftwareVersion: String
  name: String
  attachedDevices: String
  batteryStatus: Float
  secondsOnBattery: Float
  estimatedMinutesRemaining: Float
  estimatedChargeRemaining: Float
  batteryVoltage: Float
  batteryCurrent: Float
  batteryTemperature: Float
  alarmsPresent: Float
  lastChanged: DateTime
}
```

Field	Description
manufacturer	Manufacturer of the UPS device.
model	Model of the UPS device.
upsSoftwareVersion	Software version of the UPS device.
agentSoftwareVersion	Version number of the agent/control software used to control the UPS device.
name	Name of the UPS device.
attachedDevices	Devices attached to the UPS device.
batteryStatus	Status of the UPS battery. If no value is stored, the battery status is unknown. Value Meaning 2 normal 3 low 4 depleted
secondsOnBattery	This field will indicate how long you will be able to run on the battery.
estimatedMinutesRemaining	Estimated time, in minutes, until battery or generator depletion in the present load conditions if the utility power is off or lost and remains off. T
estimatedChargeRemaining	Estimate of the percentage of full charge that remains for an UPS that uses battery technology.
batteryVoltage	The voltage that the battery of the Ups uses.
batteryCurrent	This field will indicate how much of the battery is remaining.
batteryTemperature	battery temperature of the UPS device
alarmsPresent	This field indicates if there are any alarms present on the Ups.
lastChanged	last time the table record was changed

- PrinterInfo

```
type PrinterInfo {
  totalPages: Float
  status: String
  totalColorPages: Float
  totalMonoPages: Float
}
```

Field	Description
totalPages	printed pages, if the asset is a printer
status	printer status, if the asset is a printer
totalColorPages	Returns the amount of color pages that were printed by the network device.

Field	Description
totalMonoPages	Returns the amount of black/white pages that were printed by the network device.

- Processes

```
type Processes {
    caption: string
    commandLine: string
    executablePath: string
}
```

Field	Description
caption	Short description.
commandLine	Command line used to start a specific process, if applicable.
executablePath	Path to the executable file of the process.

- VCenter

```
type VCenter {
  vCenterKey: String
  dataCenter: DataCenter
}
```

Field	Description
vCenterKey	PK of VMWareVCenter to correlate other assets
dataCenter	The VMWareDataCenter included in the VMWareVCenter

- DataCenter

```
type DataCenter {
  name: String
  dataCenterKey: String
  internalKey: String
}
```

Field	Description
name	The name of the data center
dataCenterKey	PK of VMWareDataCenter to correlate other assets

- DatastoreCluster

```
type DatastoreCluster {
  datastoreClusterKey: String
  internalKey: String
  name: String
  freeSpace: String
  capacity: String
  drsEnabled: Boolean
  ioLoadBalanceEnabled: Boolean
  defaultIntraVmAffinity: Boolean
  defaultVmBehaviour: String
  loadBalanceInterval: Float
  spaceUtilizationThreshold: Float
  minSpaceUtilizationDifference: Float
  ioLatencyThreshold: Float
  ioLoadImbalanceThreshold: Float
  datastoreClusterConfigurations: [DatastoreClusterConfiguration]
  datastoreClusterOverrides: [DatastoreClusterOverride]
}
```

Field	Description
datastoreClusterKey	PK of VMWare Datastore Cluster. Used to link the Datastore whith its DatastoreCluster.
internalKey	Datastore cluster internal key.
name	The name of the datastore cluster.
freeSpace	Total free space on this datastore cluster, in bytes. This value is the sum of the free space on all datastores that are part of this datastore cluster, and is updated periodically by the server.
capacity	Total capacity of this datastore cluster, in bytes. This value is the sum of the capacity of all datastores that are part of this datastore cluster, and is updated periodically by the server.
drsEnabled	Indicates whether or not storage DRS is enabled.
ioLoadBalanceEnabled	Indicates whether or not storage DRS takes into account storage I/O workload when making load balancing and initial placement recommendations.
defaultIntraVmAffinity	Specifies whether or not each virtual guest machine in this datastore cluster should have its virtual disks on the same datastore by default. If set to true, virtual guest machines will have all their virtual disks on the same datastore. If set to false, the virtual disks of a virtual guest machine may or may not be placed on the same datastore. If not set, the default value is true.

Field	Description
defaultVmBehaviour	Specifies the default VMware DRS behavior for guests. This default behavior can be overridden on a per virtual machine basis.
loadBalanceInterval	Specify the interval that storage DRS runs to load balance among datastores within a datastore cluster, in minutes. The default value is 480 minutes (= 8 hours).
spaceUtilizationThreshold	Storage DRS makes storage migration recommendations if space utilization on one (or more) of the datastores is higher than the specified threshold. The default value is 80%.
minSpaceUtilizationDifference	Storage DRS considers making storage migration recommendations if the difference in space utilization between the source and destination datastores is higher than the specified threshold. The default value is 5%.
ioLatencyThreshold	Storage DRS makes storage migration recommendations if I/O latency on one (or more) of the datastores is higher than the specified threshold, in millisecond. The default value is 15.
ioLoadImbalanceThreshold	Storage DRS makes storage migration recommendations if I/O load imbalance level is higher than the specified threshold, a number as value. The default value is 5.
datastoreClusterConfigurations	Configuration of VMWare Data Store Cluster
datastoreClusterOverrides	Information of VMWare Data Store Cluster overrides

- DatastoreClusterConfiguration

```
type DatastoreClusterConfiguration {
  name: String
  enabled: Boolean
}
```

Field	Description
name	Name of the rule.
enabled	Indicates whether or not the configuration rule is enabled. True = Enabled / False = Disabled.

- DatastoreClusterOverride

```
type DatastoreClusterOverride {
  name: String
  enabled: Boolean
  behaviour: String
```

```
    intraVmAffinity: Boolean
    intraVmAntiAffinity: String
  }
```

Field	Description
name	Configuration Override name
enabled	Indicates whether or not VirtualCenter is allowed to perform any storage migration or initial placement recommendations for this virtual guest machine on the pod datastore cluster. If this flag is false, the virtual guest machine is effectively excluded from storage DRS. The default value is true.
behaviour	Specifies the particular storage DRS behavior for this virtual guest machine. Possible results are: automated and manual.
intraVmAffinity	Specifies whether or not to have the affinity rule for the virtual disks of this virtual guest machine. If not set, the default value is derived from the datastore cluster default DefaultIntraVmAffinity in tblVmwareDatastoreClusters.
intraVmAntiAffinity	Specifies the disks for this virtual guest machine that should be placed on different datastores. A virtual guest machine cannot have both an affinity and an anti-affinity rule at the same time. Virtual guest machine disks that are not in this rule are unconstrained and can be placed either on the same datastore or on a different datastore as other disks from this virtual guest machine.

- EsxiCluster

```
type EsxiCluster {
  name: String
  totalCpu: Float
  totalMemory: String
  numCpuCores: Float
  numCpuThreads: Float
  effectiveCpu: Float
  effectiveMemory: String
  numHosts: Float
  numEffectiveHosts: Float
}
```

Field	Description
name	The ESX(i) host cluster name.
totalCpu	Aggregated CPU resources of all hosts, in MHz.
totalMemory	Aggregated memory resources of all ESX(i) hosts, in bytes.

Field	Description
numCpuCores	Number of physical CPU cores. Physical CPU cores are the processors contained by a CPU package.
numCpuThreads	Aggregated number of CPU threads.
effectiveCpu	Effective CPU resources available to run virtual guest machines, in MHz. This is the aggregated effective resource level from all running ESX(i) hosts. ESX(i) hosts that are in maintenance mode or are unresponsive are not counted. Resources used by the VMware Service Console are not included in the aggregate. This value represents the amount of resources available for the root resource pool for running virtual guest machines.
effectiveMemory	Effective memory resources available to run virtual guest machines, in MB. This is the aggregated effective resource level from all running hosts. Hosts that are in maintenance mode or are unresponsive are not counted. Resources used by the VMware Service Console are not included in the aggregate. This value represents the amount of resources available for the root resource pool for running virtual guest machines.
numHosts	Total number of ESX(i) hosts.
numEffectiveHosts	Total number of active ESX(i) hosts.

- Datastore

```
type Datastore {
  internalKey: String
  uncommitted: String
  accessible: Boolean
  multipleHostAccess: Boolean
  type: String
  maintenanceMode: String
  maxPhysicalRdmFileSize: String
  maxVirtualRdmFileSize: String
  maxFileSize: String
  maxVirtualDiskCapacity: String
  maxMemoryFileSize: String
  datastoreClusterKey: String
}
```

Field	Description
internalKey	The VMware datastore key reference. Internal use only.
uncommitted	Total additional storage space, in bytes, potentially used by all virtual guest machines on this datastore. The server periodically updates this value. This property is valid only if accessible is true.

Field	Description
accessible	Indicates whether or not the datastore is accessible. True = Accessible / False = Not accessible.If this is set to false, this datastore's TotalSpace and FreeSpace properties cannot be validated.
multipleHostAccess	Indicates whether or not more than one ESX(i) host in the datacenter has been configured with access to the datastore. This is only provided by VirtualCenter. True = Multiple / False = Single.
type	Type of file system volume, such as VMFS or NFS.
maintenanceMode	The current maintenance mode state of the datastore. Possible results are: inMaintenance, enteringMaintenance and normal.
maxPhysicalRdmFileSize	Maximum raw device mapping size (physical compatibility), since API 6.0.
maxVirtualRdmFileSize	Maximum raw device mapping size (virtual compatibility), since API 6.0.
maxFileSize	The maximum size of a file that can reside on this file system volume.
maxVirtualDiskCapacity	The maximum capacity of a virtual disk which can be created on this volume, since API 5.5.
maxMemoryFileSize	The maximum size of a snapshot or a swap file that can reside on this file system volume, since API 6.0.
datastoreClusterKey	The FK indicating the DatastoreCluster to which the Datastore belongs, if missing it means that the Datastore doesn't belong to any cluster.

- Field

```
type Field {
  fieldKey: String
  name: String
  value: String
}
```

Field	Description
fieldKey	Internal PK to be able to manage field names
name	The custom field name
value	The custom field value

- ResourceGroup

```
type ResourceGroup {
  name: String
  region: String
```

```
    tags: String
    state: String
    key: String
    networkSecurityGroups: [AzureNetworkSecurityGroup]
    lastChanged: DateTime
  }
```

Field	Description
name	The name of the resource group.
region	The physical location name where the metadata is stored.
tags	Tags attached to the resource group resource. This is a dictionary stored in a JSON format.
state	The status of a user-initiated, control-plane operation on the network security group. Possible values: Canceled, Failed, Succeeded.
key	PK Resource Group other entities will reference this PK
networkSecurityGroups	See AzureNetworkSecurityGroup
lastChanged	last time the table record was changed

- VirtualNetwork

```
type VirtualNetwork {
  name: String
  region: String
  tag: String
  state: String
  isDdosProtectionEnabled: Boolean
  isVmProtectionEnabled: Boolean
  subnets: [Subnet]
  lastChanged: DateTime
}
```

Field	Description
name	The name of the virtual network.
region	The physical location name where the metadata is stored.
tag	Tags attached to the virtual network resource. This is a dictionary stored in a JSON format.
state	The status of a user-initiated, control-plane operation on the virtual network. Possible values: Canceled, Failed, Succeeded.

Field	Description
isDdosProtectionEnabled	Flag that indicates whether DDoS (=Distributed Denial of Service) protection is enabled for all the protected resources in the virtual network. It requires a DDoS protection plan associated with the resource.
isVmProtectionEnabled	Flag that indicates whether virtual machine protection is enabled for all the subnets in the virtual network.
subnets	See subnets
lastChanged	last time the table record was changed

- VmwareGuestSnapshot

```
type VmwareGuestSnapshot {
  internalKey: String
  name: String
  createTime: DateTime
}
```

Field	Description
internalKey	The VMware snapshot key reference. Internal use only.
name	The name of the snapshot.
createTime	The time that the snapshot was created.

- VmwareProductInfo

```
type VmwareProductInfo {
  name: String
  apiType: String
  apiVersion: String
  build: String
  fullName: String
  instanceUuid: String
  licenseProductName: String
  licenseProductVersion: String
  localebuild: String
  localeVersion: String
  operatingSystemType: String
  productLineId: String
  vendor: String
  version: String
}
```

Field	Description
name	The product name, excluding the version information.
apiType	Indicates whether or not the service instance represents a standalone host. If the service instance represents a standalone host, then the physical inventory for that service instance is fixed to that single host. VirtualCenter server provides additional features over single hosts. For example, VirtualCenter offers multi-host management. Examples: "VirtualCenter" - For a VirtualCenter instance and "HostAgent" - For host agent on an ESX(i) Server or a GSX Server host.
apiVersion	The version of the API as a dot-separated string. For example, "1.0.0".
build	Build string for the server on which this call is made. For example, x.y.z-num. This string does not apply to the API.
fullName	The complete product name, including the version information.
instanceUuid	A globally unique identifier associated with this service instance. Only a vCenter will have a value for this field.
licenseProductName	The license product name.
licenseProductVersion	The license product version.
localebuild	Build number for the current session's locale. Typically, this is a small number reflecting a localization change from the normal product build.
localeVersion	Version of the message catalog for the current session's locale.
operatingSystemType	Operating system type and architecture. Example: "win32-x86" - For x86-based Windows systems.
productLineId	The product ID is a unique identifier for a product line. Example: "vpx" - For the VMware VirtualCenter product.
vendor	Name of the vendor of this product.
version	Dot-separated version string. For example, "1.2".