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Device Report API

The Device Report API supports requesting, querying, and reporting on the device inventory data categories, which includes hardware, device platforms, and features that your organization has purchased.

For more information about using Absolute APIs, see *Working with Absolute APIs* (https://www.absolute.com/media/2221/abt-api-working-with-absolute.pdf).

The Device Report API endpoint requires the following authentication headers in each request:

Authentication headers

Header	Notes	Description
Host	required	The domain name of the server where the request is sent Example: ***Host: api.absolute.com***
Content-Type	required	The media type of the resource Example: ***Content-Type: application/json***
X-Abs-Date	required	The automatically generated header that indicates the time (in UTC) the request was made encoded in a special header Format: ***<YYYY><MM><DD>T<HH><MM><SS>Z*** Example: ***X-Abs-Date: 20210104T162253Z***
Authorization	required	The HTTP authorization header Format: ***<algorithm>*** Credential=***<token id>***/***<CredentialScope>***, SignedHeaders=***<SignedHeaders>***, Signature=***<signature>*** Example: ***Authorization: ABS1-HMAC-SHA-256 Credential=b62182d4-f3b6-410f-8d1b-2f14bb66645f/20210104/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,Signature=a799472df4e9fb2830823dc926103cbfaa8f56b1a7b6e51275534c9104bb3998***

See *Working with Absolute APIs* for more information.

reporting/devices

The /v2/reporting/devices endpoint returns a list of device records and their corresponding data for all devices in your account, based on your authorization token. You can also used OData query options to filter your results.

Request method and URI

```
GET /v2/reporting/devices
```

Request

Header parameters

The Authentication headers are required.

Query string parameters

The following table describes applicable Open Data Protocol (OData) system query options that can be used as part of the request:

Accepted OData query options

Option	Data type	Description
$filter	• strings (enclosed in single quotation marks) • numbers • Boolean values • datetime	Identifies all the devices that are managed by your account that meet the specified criteria Example: to view a list of all devices with an Active status ($filter=agentStatus eq A): `GET /v2/reporting/devices?%24filter=agentStatus%20eq%20%27A%27`
$orderby	string	Sorts the resulting list according to the properties that you provide Example: to search by Identifier in ascending order ($orderby=Identifier asc): `GET /v2/reporting/devices?%24orderby=Identifier%20asc`
$select	string (as a comma-separated list of selection clauses)	Returns only those fields listed in the query for all devices that are managed by your account Example: to return only the manufacturer, model, and serial number attributes of your devices ($select=systemManufacturer,systemModel,serial): `GET /v2/reporting/devices?%24select=systemManufacturer%2CsystemModel%2Cserial`
$skip	integer	Excludes the number of specified results from the search Use with the `$top` option to paginate the data in batches Example: to get the second page of results for data in batches of 20 ($skip=20&$top=20): `GET /v2/reporting/devices?%24skip=20&%24top=20`
$top	integer	Returns the first <n> elements from the search, where <n> is an integer that is equal to zero or greater Example: to limit the number of records returned to the first 10 ($top=10): `GET /v2/reporting/devices?%24top=10`

Response

A successful request returns an HTTP status code of 200 (OK) and the response body.

Example: GET /v2/reporting/devices response header

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
```

Response body

The GET /v2/reporting/devices endpoint returns an array of objects, each object represents a device and its data points.

In most cases, if the value is null, the parameter isn't returned.

The following tables describes the data points that are available for each device in the request, depending on the operating system. Some data points are only available on specific operating systems.

- Windows
  - Windows response parameters
  - Windows sample response
- Mac
  - Mac response parameters
  - Mac sample response
- Android
  - Android response parameters
  - Android sample response
- Chromebook
  - Chromebook response parameters
  - Chromebook sample response

Response parameters for Windows devices

The following table describes the available inventory of data that you can retrieve for each managed Windows device.

Windows data points collected

Data point	Description
id	The unique identifier assigned to the device Example: ***f3819afe-xxxx-4279-8fca-91ec4a0c6c1c***
esn	The unique Electronic Serial Number (ESN) assigned to the agent installed on the device Example: ***1L0XXXXB2JAA3KSB0006***
accountUid	The unique ID associated with this Absolute account Example: ***be8eb674-xxxx-11d4-8835-00c04f72c2df***
lastUpdatedUtc	The date and time (in UNIX Epoch) when a device's hardware information was last updated in the database Example: ***1617303548722***

Data point	Description
agentStatus	The status of the agent on the device Possible values: • ***A***: The agent is active and has connected to the Absolute Monitoring Center • ***I***: The agent is inactive and has not yet connected to the Absolute Monitoring Center • ***D***: The agent is disabled is either flagged for removal or removed from the device
platformOSType	The operating system of the device Example: ***Windows***
fullSystemName	The full name assigned to the device consisting of the system name and the domain name Example: ***LPTP_Bob.MYCOMPANY***
systemName	The name assigned to the device Example: ***LPTP_Bob***
systemManufacturer	The manufacturer of the device Example: ***Dell***
systemModel	The product name from the manufacturer Example: ***OPTIPLEX 9020***
systemType	The system running on the Windows-based computer Example: ***X64-based PC***
serial	The identification number that is assigned to the device by the device manufacturer May correspond to the serial number of the BIOS, the motherboard, or the chassis, depending on the manufacturer Example: ***C07QG5L3G1HV***
systemDirectory	The directory of the operating system Example: ***C:\\WINDOWS\\system32***
bootDevice	The name of the disk drive from which the Windows operating system starts Example: ***Device******HarddiskVolume1***
locale	The language identifier used by the operating system Example: ***English (United States)***
username	Username of the user who was logged in to the device when an agent connection occurred If no user was logged in during the most recent agent connection, returns the last detected username Example: ***LPTP_Bob\\bob***

Data point	Description
currentUsername	Username of the user who was logged in to the device when an agent connection occurred If no user was logged in during the most recent agent connection, this field is not returned Example: ***LPTP_Bob\\bob***
timeZone	The time zone represented when daylight savings time is in effect Example: ***Pacific Daylight Time***
totalPhysicalRamBytes	The amount (in bytes) of the dynamically accessible memory Example: ***7458869248***
availablePhysicalRamBytes	The amount (in bytes) of physical memory currently unused and available Example: ***6104248***
totalVirtualMemoryBytes	Total amount (in bytes) of virtual memory You may calculate this total by adding the amount of total RAM to the amount of paging space Example: ***14624084***
availableVirtualMemoryBytes	Amount (in bytes) of unused virtual memory Example: ***13498280***
pageFile	The name of the page file Example: ***C:\\pagefile.sys***
pageFileSpaceBytes	The actual amount of disk space (in bytes) allocated for use with this page file Example: ***2080374784***
domain	The name of the Windows domain to which this device belongs Example: ***MYCOMPANY***
battery	An object containing information about the battery
id	The identifier of the battery Example: ***2101574***
name	The name of the battery Example: ***DELL MC34Y51***
estimatedRunTime	Amount of time (in minutes) it will take to deplete the remaining battery using the present load conditions Returns ***71582788*** when the device is hooked to external power and the battery is not being depleted Example: ***45***
serialNumber	The unique number given by the manufacturer to identify the battery Example: ***2280SMPDELL MC34Y12***
capacity	The capacity (in Milliwatt-hours) of the battery Example: ***1000***

Data point	Description
estimatedChargeRemaining	The estimated percentage of the full charge that remains Example: ***55***
expectedLife	The total expected life (in minutes) of the fully charged battery Example: ***10000***
maxRechargeTime	The maximum time (in minutes) to fully charge the battery Example: ***240***
camera	An array of objects, each object contains information about a single camera
id	The identifier of the camera Example: ***USB\\VID_0BDA&PID_5686&MI_00\\6&153A3DF0&0&0000***
name	The name of the camera Example: ***Integrated Webcam***
description	The description of the camera Example: ***USB Video Device***
isEnabled	Indicates whether the camera is enabled • ***true***: The camera is enabled • ***false***: The camera isn't enabled
bios	An object containing information about the BIOS
id	The unique identifier of this BIOS given by the manufacturer Example: ***DELL - 1072009 1.22.8***
releaseDate	The date and time (in UNIX Epoch) when the Windows BIOS was released Example: ***1570492800000***
language	The name of the BIOS language Example: ***enUS***
serialNumber	The serial number assigned to the BIOS Example: ***5CG6162G6Z***
version	The version of the BIOS, as reported by SMBIOS Example: ***DELL - 1072009 1.22.8***
versionDate	The manufacturer of the BIOS + The version of the BIOS version, as reported by SMBIOS + The release date of the Window BIOS, in <*dd*/*mm*/*yyyy*> format Example: ***Dell Inc. 1.22.8, 10/08/2019***
smBiosVersion	The version number of the BIOS, as reported by SMBIOS Example: ***3.0***

Data point	Description
smBiosMajorVersion	The major version number of the BIOS Example: ***3***
smBiosMinorVersion	The minor version number of the BIOS Example: ***0***
manufacturer	The manufacturer of the BIOS Example: ***Dell Inc.***
assetTag	The Asset Tag of the device, as reported in the BIOS Example: ***101574***
cdRoms	An array of objects, each object contains information about one CD-ROM drive
id	The unique identifier of the CD-ROM drive Example: ***SCSI\\CDROM&VEN_HL-DT-ST&PROD_RW/DVD_ MU10N\\4&8188E1B&0&010000***
name	The name of the CD-ROM drive Example: ***HL-DT-ST RW/DVD MU10N***
drive	The drive letter of the CD-ROM drive Example: ***D:***
mediaType	The type of media used or accessed by the CD-ROM drive Example: ***CD Writer***
description	The description of the CD-ROM drive Example: ***CD-ROM Drive***
status	The current status of the CD-ROM drive Possible value: • ***OK*** • ***Error*** • ***Degraded***
transferRate	The transfer rate of the CD-ROM drive A value of -1.0 indicates there is no media in the drive Example: ***60000.0***
pnpDeviceId	The Windows Plug and Play device identifier of the CD-ROM drive Example: ***SCSI\\CDROM&VEN_HL-DT-ST&PROD_RW/DVD_ MU10N\\4&8188E1B&0&010000***
mediaLoaded	Indicates whether media is in the drive • ***true***: There is media in the drive • ***false***: There is no media in the drive

Data point	Description
manufacturer	Manufacturer of the Windows CD-ROM drive Example: ***(Standard CD-ROM drives)***
scsiTargetId	SCSI (Small Computer System Interface) identifier number of the Windows CD-ROM drive Example: ***0***
cpu	An object containing information about the CPU
id	The unique identifier of the processor of the system Chromebook devices return a value of 1 Example: ***CPU0***
name	The label by which the object is known Example: ***AMD A10-7300 APU with AMD Radeon R6 Graphics***
architecture	The processor architecture used by the platform Possible values: • ***0***: x86 • ***1***: MIPS • ***2***: Alpha • ***3***: PowerPC • ***5***: ARM • ***6***: Itanium-based systems • ***9***: x64
dataWidth	The width of the data bus Possible values: • ***32***: A 32-bit processor • ***64***: A 64-bit processor
logicalCores	Number of logical processors for the current instance of the processor Example: ***4***
physicalCores	The number of cores for the current instance of the processor Example: ***4***
processorSpeed	The current speed (in megahertz) of the processor Example: ***2000***
l2CacheSpeed	The clock speed (in hertz) of the Level 2 processor cache
l2CacheSize	The size (in bytes) of the Level 2 processor cache Example: ***4096***
l3CacheSpeed	The clock speed (in hertz) of the Level 3 processor cache Example: ***0***
l3CacheSize	The size (in bytes) of the Level 3 processor cache Example: ***4096***

Data point	Description
disks	An array of objects, each objects contains information about a single disk drive
id	The unique identifier of the disk drive Example: \\\\.***PHYSICALDRIVE0***
name	The name of the disk drive Example: \\\\.***PHYSICALDRIVE0***
bytesPerSector	The number of bytes in each sector of the physical disk drive Example: ***512***
description	The description of the disk drive Example: ***Disk drive***
diskIndex	The physical drive number of the given disk drive Example: ***0***
firmwareRevision	The revision of the disk drive firmware that is assigned by the manufacturer Example: ***AM002C***
manufacturer	The name of the manufacturer of the disk drive Example: ***(Standard disk drives)***
mediaType	The type of media used or accessed by this device Possible values: • ***External hard disk media*** • ***Fixed hard disk media*** • ***Removable media other than floppy*** • ***Format is unknown***
model	The model number of the disk drive from the manufacturer Example: ***TOSHIBA MQ01ABF032***
numberOfPartitions	The number of partitions on this physical disk drive that are recognized by the operating system Example: ***2***
sectorsPerTrack	The number of sectors in each track of the physical disk drive Example: ***63***
serialNumber	The ID number given by the manufacturer Example: ***14TSC5OST***
sizeBytes	The size (in bytes) of the disk drive, calculated by multiplying the total number of cylinders, tracks in each cylinder, sectors in each track, and bytes in each sector Example: ***500105249280***

Data point	Description
status	The current status of the disks Possible values: • ***OK*** • ***Error*** • ***Degraded*** • ***Unknown*** • ***Pred Fail*** • ***Starting*** • ***Stopping*** • ***Service*** • ***Stressed*** • ***NonRecover*** • ***No Contact*** • ***Lost Comm***
totalCylinders	The total number of cylinders on the physical disk drive Example: ***60801***
totalHeads	The total number of heads on the disk drive Example: ***255***
totalSectors	The total number of sectors on the physical disk drive Example: ***976768065***
totalTracks	The total number of tracks on the physical disk drive Example: ***15504255***
totalTracksPerCylinder	The total number of tracks in each cylinder on the physical disk drive Example: ***255***
displays	An array of objects, each object contains information about a single display
id	The unique identifier of the display Example: ***DesktopMonitor1***
name	The name of the display Example: ***Generic PnP Monitor***
adapterDescription	The description of the display Example: ***Intel(R) HD Graphics Family***
adapterRAM	The memory size (in bytes) of the video adapter Example: ***1073741824***
adapterType	The name or identifier of the digital-to-analog converter (DAC) chip Example: ***Internal***
bitPerPixel	The number of bits used to show each pixel Example: ***32***
driverVersion	The version of the driver used for the display Example: ***8.15.1.50***
height	The pixel height of the display Example: ***900***

Data point	Description
width	The pixel width of the display Example: ***1600***
manufacturer	The name of the manufacturer of the display Example: ***(Standard monitor types)***
numberOfColors	The number of colors the display supports in its current resolution Example: ***4294967296***
refreshRate	The frequency (in hertz) at which the video controller refreshes the image for the display Example: ***60***
horizontalResolution	The number of horizontal pixels of the display Example: ***1600***
verticalResolution	The number of vertical pixels of the display Example: ***900***
resolution	The resolution of the display Example: ***1600 X 900 X 60***
pnpDeviceId	The Windows Plug and Play device identifier of the display Example: ***DISPLAY\\CMN15C2\\4&955A4AC&0&UID256***
keyboards	An array of objects, each object contains information about one keyboard
id	The unique address of identifying information that identifies the keyboard Example: ***ACPI\\PNP0303\\4&3B999ECD&0***
name	The name of the keyboard Example: ***Enhanced (101- or 102-key)***
description	The description of the keyboard Example: ***Standard PS/2 Keyboard***
layout	The layout of the keyboard indicated by a free-form string Example: ***00000409***
pnpDeviceId	The Windows Plug and Play device identifier of the keyboard Example: ***ACPI\\PNP0303\\4&3B999ECD&0***
numberOfFunctionKeys	The number of function keys on the keyboard Example: ***12***
memories	An array of objects, each object contains information about on memory device
id	The unique identifier of the physical memory device that is represented by an instance of Win32_PhysicalMemory Example: ***Physical Memory 0***

Data point	Description
manufacturer	The name of the manufacturer of the physical memory device Example: ***Micron***
serialNumber	The serial number assigned to the physical memory device Example: ***16501215***
sizeBytes	The total capacity (in bytes) of the physical memory device Example: ***8589934592***
slot	The type of memory slot detected on the physical memory device Example: ***DIMM 1***
speed	The speed (in megahertz) of the physical memory device Example: ***1600***
typeDetail	The type of physical memory represented Example: ***128***
networkAdapters	An array of objects, each object contains information about one network adapter
id	The unique identifier of the network adapter Example: ***1***
name	The name of the network adapter Example: ***Intel(R) 82579LM Gigabit Network Connection***
adapterType	The network medium in use Example: ***Ethernet 802.3***
defaultGateway	The IP addresses for the default gateways that the computer system uses Example: ***172.20.12.1***
dhcpEnabled	Indicates whether the DHCP server automatically assigns an IP address to the computer system when establishing a network connection • ***true***: The DHCP server automatically assigns an IP address • ***false***: The DHCP server doesn't automatically assign an IP address
dhcpLeaseExpires	The expiration date and time (in UNIX Epoch) for a leased IP address that was assigned to the computer by the DHCP server Example: ***1590184304000***
dhcpLeaseObtained	The date and time (in UNIX Epoch) when the lease was obtained for the IP address assigned to the computer by the DHCP server Example: ***1590097904000***
dhcpServer	The IP address of the DHCP server Example: ***172.20.8.11***
ipV4Address	The IPv4 addresses associated with the current network adapter Example: ***172.20.12.78***

Data point	Description
ipV6Address	The IPv6 addresses associated with the current network adapter Example: ***fe80::3d47:4393:b4f0:9bf5***
ipSubnet	The subnet masks associated with the current network adapter Example: ***255.255.255.0, 64, 128***
macAddress	The media access control (MAC) address for this network adapter Example: ***A0:1D:48:15:23:46***
manufacturer	The name of the manufacturer of the network adapter Example: ***Intel Corporation***
productType	The type of network adapter product according to the manufacturer Example: ***Intel(R) 82579LM Gigabit Network Connection***
speed	Estimate(in bits per second) of the current bandwidth Example: ***100000000***
networkSSID	The Service Set Identifier (SSID) of the connected Wi-Fi adapter Example: ***MyNetwork1234***
installed	Indicates whether the network adapter is installed on the system • ***true***: The network adapter is installed on the system • ***false***: The network adapter isn't installed on the system
serviceName	The short name of the product from the manufacturer Example: ***e1iexpress***
dnsHostName	The host name used to identify the device (the default Microsoft networking computer name) Example: ***DESKTOP-2UIBABC***
interfaceIndex	The Index value that identifies the local network interface in the route table Example: ***8***
pnpDeviceId	The Windows Plug and Play device identifier of the network adapter Example: ***PCI\\VEN_8086&DEV_1502&SUBSYS_18DF103C&REV_04\\3&B1BFB68&0&C8***
os	An object containing information about the operating system
architecture	The architecture of the operating system Example: ***64-bit***
build	The build number of the operating system Example: ***10240***
csdVersion	The NULL-terminated string that indicates the latest service pack installed on a computer If no service pack is installed, the string is ***NULL*** Example: ***Service Pack 1***

Data point	Description
installDate	The date and time (in UNIX Epoch) when the operating system was installed Example: ***1588102919000***
lastBootTime	The date and time (in UNIX Epoch) when the operating system was last restarted Example: ***1611107692500***
manufacturer	The name of the manufacturer of the operating system Example: ***Microsoft Corporation***
name	Short description of the operating system expressed as a one-line string that includes the version of the operating system Example: ***Microsoft Windows 10 Pro***
productKey	The product key of the operating system Example: ***TY4CG-JDJH7-XX0XX-DY4X9-ABCD1***
serialNumber	The serial identification number of the operating system Example: ***00330-80008-00000-AA111***
version	The version of the operating system Example: ***10.0.10240***
windowsDirectory	The Windows directory of the operating system Example: ***C:\\WINDOWS***
servicePack	The latest service pack installed Example: ***Service Pack 1***
ubr	The Udpate Build Revision (UBR) of the operating system Example: ***0***
currentBuild	The current build number of the operating system Example: ***7601***
releaseId	The release number of the operating system Example: ***2009***
editionId	The edition of the operating system Example: ***Professional***
otherOSDecsription	Additional description of the operating system version Example: ***NA***
pointingDevices	An array of objects, each object contains information about a single pointing device
id	Identifier for the pointing device Example: ***USB Optical Mouse***
name	Name of the pointing device Example: ***USB Optical Mouse***

Data point	Description
manufacturer	Name of the manufacturer of the pointing device Example: ***(Standard system devices)***
hardwareType	Type of hardware used for the pointing device Example: ***USB Input Device***
numberOfButtons	Number of buttons on the pointing device Example: ***2***
status	Current status of the pointing device Example: ***OK***
pnpDeviceId	Windows Plug and Play device identifier of the pointing device Example: ***ACPI\\PNP0303\\4&3B999ECD&0***
powerManagementSupported	Indicates whether the device supports power management • ***true***: The device can be power-managed • ***false***: The device cannot be power-managed
handedness	Indicates whether the device is configured for right-hand or left-hand operation
printers	An array of objects, each object containing information about a single printer
id	The unique identifier of the printer Example: ***EPSON EP-805A Series***
name	The name of the printer Example: ***EPSON EP-805A Series***
driver	The name of the printer driver Example: ***EPSON EP-805A Series***
port	The port used to transmit data to the printer Multiple ports are separated by a comm (,) Example: ***LPT1:, LPT2:***
server	The name of the server that controls the printer Example: ***PRINTSERVER1***
share	The share name of the printer Example: ***EPSON EP-805A Series***
sounds	Array of key value pairs for each sound device
id	Identifier for the sound device Example: ***HDAUDIO\\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_1005\\4&380E5D80&0&0001***
name	Name of the sound device Example: ***AMD High Definition Audio Device***

Data point	Description
manufacturer	Name of the manufacturer of the sound device Example: ***Advanced Micro Devices***
status	Current status of the sound device Example: ***OK***
pnpDeviceId	Windows Plug and Play device identifier of the sound device Example: ***HDAUDIO\\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_1005\\4&380E5D80&0&0001***
volumes	An array of objects, each object contains information about a single volume
id	The unique identifier of the volume on this system Example: ***\\\\?\\Volume{de862512-b6e8-11e3-9562-806e6f6e6963}***
name	The name of the volume Example: ***C:***
boot	Indicates whether the volume contains the currently running OS files • ***true***: The volume contains the currently running OS files • ***false***: The volume doesn't contain the currently running OS files
compressed	Indicates whether the volume is compressed • ***true***: The volume exists as one compressed entity, such as a Double Space volume • ***false***: File-based compression is supported, such as the NTFS file system
driveLetter	The drive letter assigned to the volume Example: ***C:***
fileSystem	The file system for the volume Example: ***NTFS***
freeSpaceBytes	Space available (in bytes) on the logical disk Example: ***71176192***
serial	The serial number of the volume Example: ***1612351575***
sizeBytes	The size (in bytes) of the volume Example: ***104853504***
usbs	An array of objects, each object contains information about a single USB device
id	The unique identifier of the USB controller Example: ***PCI\\VEN_8086&DEV_9C26&SUBSYS_22DA103C&REV_04\\3&B1BFB68&0&E8***

Data point	Description
name	The name of the USB controller Example: ***Intel(R) 8 Series USB Enhanced Host Controller #1 - 9C26***
pnpDeviceId	The Windows Plug and Play device identifier of the USB device Example: ***PCI\\VEN_8086&DEV_9C26&SUBSYS_22DA103C&REV_04\\3&B1BFB68&0&E8***
manufacturer	The name of the manufacturer of the USB device Example: ***Intel***
persistentAgentVersion	The build number of Persistence on the device Example: ***961***
agentVersion	The version number of the Absolute Agent for the operating system Example: ***8.0.978.0***
ctesVersion	The version number of the component manager installed on the device Example: ***1.0.0.2510***
deviceGroupIds	An array of identifiers of the device groups that the device belongs to Example: ***"1105a907-97f2-4c93-9ad8-c3717163a345", "8194f017-7f9c-4a1e-9dc7-645ccf8123df"***
policyGroupUid	The unique identifier of the policy group that the device belongs to Example: ***a7e2d646-9416-4b15-bbb3-095fe665a456***
policyGroupName	The name of the policy group to that the device belongs to Example: ***ADMIN1***
src	How the device was created in the system Possible values: • ***agent call*** • ***extract*** • ***transform*** • ***etl***: load • ***upld***: upload
origin	The Absolute interface field that identifies the source of the field source Possible values: • ***classic extract*** • ***transform*** • ***etl***: load • ***upld***: uploaded from the device
lastConnectedUTC	The date and time (in UNIX Epoch) when the device last connected to the Absolute Monitoring Center Example: ***1617202046280***
hdcStatus	An object containing information about hardware data collection
status	The status of the agent's HDC component on the device Example: ***OK***

Data point	Description
statusCode	An integer that maps to the status Example: ***0***
isEnabled	The status of the Hardware policy • ***true***: The Hardware policy is activated on the device • ***false***: The Hardware policy is not activated on the device
featureType	The acronym for the hardware collection Example: ***HDC***
lastDataReceivedUTC	The date and time (in UNIX Epoch) when the device's hardware collection was last uploaded to the Absolute Monitoring Center Example: ***1603403406193***
lastUpdated	The date and time (in UNIX Epoch) when the device's Hardware policy was last activated or updated on the device Example: ***1602976232345***
calcStatus	Status of the hardware collection on the device Example: ***OK***
sdcStatus	An object containing information about software data collections
status	The status of the agent's SDC component on the device Example: ***ERROR_FAILED_DOWNLOAD_POLICY***
statusCode	An integer that maps to the status Example: ***9***
isEnabled	The status of the Software policy • ***true***: the Software policy is activated on the device • ***false***: the Software policy is not activated on the device
featureType	The acronym for the software collection Example: ***SDC***
lastDataReceived	The date and time (in UNIX Epoch) when the device's software collection was last uploaded to the Absolute Monitoring Center Example: ***1575111592119***
lastUpdated	The data and time (in UNIX Epoch) when the Software policy was last activated or updated on the device Example: ***1573064903777***
calcStatus	Status of software data collection on the device Example: ***ERROR***

Data point	Description
dlpStatus	An object containing information about Endpoint Data Discovery (EDD) collection
status	The status of the agent's EDD component on the device Example: ***ERROR_FAILED_DOWNLOAD_POLICY***
statusCode	An integer that maps to the status Example: ***10***
isEnabled	The status of the Endpoint Data Discovery policy Possible values: • ***true***: the Endpoint Data Discovery policy is activated on the device • ***false***: the Endpoint Data Discovery policy is not activated on the device
featureType	The acronym for the Endpoint Data Discovery collection Example: ***DLP***
lastDataReceived	The data and time (in UNIX Epoch) when the devices Endpoint Data Discovery collection was last uploaded to the Absolute Monitory Center Example: ***1575111592119***
lastUpdated	The data and time (in UNIX Epoch) when the Endpoint Data Discovery policy was last activated or updated on the device Example: ***1573064903777***
calcStatus	The status of the EDD policy on the device Example: ***ERROR***
geoStatus	An object containing information about Geolocation Tracking collection
status	The status of the agent's GEO component on the device Example: ***OK***
statusCode	An integer that maps to the status Example: ***0***
isEnabled	The status of the Geolocation Tracking policy Possible values: • ***true***: the Geolocation Tracking policy is activated on the device • ***false***: the Geolocation Tracking policy is not activated on the device
featureType	Identifies the Geolocation Tracking policy Example: ***GEO***
lastDataReceived	The date and time (in UNIX Epoch) when the device's location was last uploaded to the Absolute Monitoring Center Example: ***1605747988701***

Data point	Description
lastUpdated	The date and time (in UNIX Epoch) when the Geolocation Tracking policy was last activated or updated on the device Example: ***1605747987701***
calcStatus	The status of the Geolocation Tracking policy on the device Example: ***OK***
espStatus	An object containing information about Full-Disk Encryption
isEnabled	The status of the Full-Disk Encryption Status policy Possible values: • ***true***: the Full-Disk Encryption Status feature is activated on the device • ***false***: the Full-Disk Encryption Status feature is not activated on the device
featureType	The acronym for the Full-Disk Encryption collection Example: ***ESP***
duStatus	An object containing information about Device Usage
isEnabled	The status of the Device Usage policy • ***true***: the Device Usage policy is activated on the device • ***false***: the Device Usage policy is not activated on the device
featureType	The acronym for the Device Usage collection Example: ***DUR***

Data point	Description
dfStatus	An object containing information about the device freeze status of the device
statusCode	The status of the device freeze Possible values: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***:Unfeeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***UFPC***: Unfrozen via passcode - The passcode was entered on the device and the device is no longer frozen. • ***UFAG***: Unfrozen via Agent Call - The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***CNCL***: Canceled - The device Freeze request has been canceled. • ***RMVD***: The request has been removed from Summary report
displayStatusCode	The status of the device freeze Possible value: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***: Unfreeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center.

Data point	Description
statusName	The name of the device freeze status code • ***Freeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Frozen***: The Freeze instructions were processed and a freeze message shows on the device. • ***Unfreeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Unfrozen via Client Passcode***: The passcode was entered on the device and the device is no longer frozen. • ***Unfrozen via Agent Call***: The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***Cancelled***: The device Freeze request has been canceled. • ***The request has been removed from Summary report***: The request has been removed from Summary report.
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
displayPassCode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
changedUtc	The date and time (in UNIX Epoch) when the device freeze status was last updated Example: ***1609935646927***
dfActionStatus	An object containing information about Device Freeze
statuses	The status of Device Freeze Possible values: • OnDemand • Scheduled • PowerUnplug • Offline
OnDemand	An object containing information about an On Demand device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***

Data point	Description
Scheduled	An object containing information about a Scheduled device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing device freeze conditions
conditions	An array of objects, each object contains information about the conditions required to freeze the device
scheduledFreezeDate	The date and time when the device is scheduled to be frozen Example: ***2019-05-31T00:00:00.000+0000***
PowerUnplug	An object containing information about a Power Unplug device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device
unfreezeOnPlug	Whether the device unfreezes when it is plugged back in ***true***: The device is unfrozen when it is plugged back in ***false***: The device remains frozen when it is plugged in
freezeDelaySeconds	The amount of time (in seconds) the device can be unplugged before the device is frozen Example: ***60***
Offline	An object containing information about an Offline device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
status	The Freeze status of the device Example: ***FreezeRequested***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze

Data point	Description
conditions	An array of objects, each object contains information about the conditions required to freeze the device
secondsUntilFreeze	The amount of time (in seconds) that the device can be offline before the device is frozen Example: ***2592000***
score	The score of the Device Freeze status, which is a sum of weights for each type of status. This score is used to sort the report in the Device Freeze status column. A value of zero (0) indicates that the device does not have outstanding device freeze requests against it, and therefore, is not frozen. The sum is taken from these statuses: • FreezeRequested = 15 • Frozen=300 • FreezeScheduled = 10 • FreezeConditionSet = 5 • FrozenOnSchedule = 200 • FrozenByCondition = 100
cdf	An object containing comma-separated key/value pairs representing custom device field uids and their values The uid can be used in the Custom Device Fields API /v2/cdf/definitions/ endpoints. Example: ***"GRtix6JdRj2u1dCU3CS9wg": "Two", "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"***
isStolen	Indicates whether this device was reported as stolen Possible value: • ***true***: the device has been reported stolen • ***false***: the devices hasn't been reported stolen
rnr<*app*> where <*app*> is one of the supported applications	
trigger	The reason the Application Persistence policy ran Example: ***Scheduled***
version	The version of the specified <*app*> installed on the device Example: ***1.63.3***
lastUpdatedUtc	The date and time (in UNIX Epoch) when the Application Persistence policy for the application was last activated or updated on the device Example: ***1553894330208***
executionCompletedUtc	The date and time (in UNIX Epoch) when the Application Persistence policy was last executed on the device Example: ***1553894147000***
status	The status of the Application Persistence Policy for the specified <*app*> Example: ***Compliant***
repairStatus	The status of any attempted repairs Example: ***Success***

Data point	Description
statusDetails	If an <app> is non-compliant, shows the application components that were checked during the status check See *Understanding status details for a persisted application* in the online help for more information Example: ***[versionChecker][name: version match check], status: Non-compliant, reason: The application is not installed, Version mismatches., version(expected/actual):5.00.*/\n [upgradeVersionChecker][name: version upgrade check], status: Non-compliant, reason: Cannot install the application as reinstall option is not enabled.\n***
repairCount	The total number of repairs that succeeded on the device, for the specified <*app*>, over the last 30 days Example: ***1***
reinstallCount	The total number of reinstallations that succeeded on the device, for the specified <*app*>, over the last 30 days Example: ***1***
failedCount	The total number of repairs or reinstallations that failed on the device, for the specified <*app*>, over the last 30 days Example: ***1***
persistenceEventCount	The total number of repairs and reinstallations attempted on the device, for the specified <*app*>, over the last 30 days Example: ***3***
lastKnownHealthyStatusDateUtc	The last date and time (in UNIX Epoch) when the application was detected to be functioning correctly Example: ***1553832637000***
lastKnownCorruptStatusDateUtc	The last date and time (in UNIX Epoch) when the application was detected to be not functioning correctly Example: ***1553894147000***
lastEventCountUpdatedDateUtc	The date and time (in UNIX Epoch) when the status of the <*app*> was checked on the device Example: ***1553894330233***
rrCountSummary	An object containing information about the Application Persistence event counts
repairCount	The total number repairs that succeeded on the device for all applications, over the last 30 days Example: ***1***
reinstallCount	The total number re-installations that succeeded on the device for all applications, over the last 30 days Example: ***1***
persistentEventCount	The total number repairs and re-installations attempted on the device for all applications, over the last 30 days Example: ***3***

Data point	Description
failedCount	The total number of repairs or re-installations that failed on the device for all applications, over the last 30 days Example: ***1***
isCTESActive	Indicates whether the component manager is enabled on the device • ***true***: The component manager is enabled • ***false***: The component manager is not enabled
localIp	Last known local IP address of this device Example: ***172.12.23.34***
publicIp	Last known public IP address of this device Example: ***712.45.67.89***
publicIpAddress	Decimal version of the public IP address Example: ***2066563987***
localIpAddress	Decimal version of the local IP address Example: ***2886735678***
avpInfo	An object containing information about the anti-malware application detected on the device
antivirusName	The name of the anti-malware application detected on the device See *Detected anti-malware products* in the online help for details about the anti-malware products that can be detected. Example: ***Windows Defender***
antivirusVersion	The version of the anti-malware application detected on the device Example: ***4.18.1909.6 WinBuild.160101.0800***
antivirusDefinition	The version of the anti-malware definition detected on the device Example: ***1.331.283.0***
antivirusDefinitionDate	The date and time (in UNIX Epoch) when the anti-malware definition was last updated on the device Example: ***1612524268000***
antivirusDataReceivedUtc	The date and time (in UNIX Epoch) when the anti-malware data was detected on the device Example: ***1612529979715***
espInfo	An object containing information about the encryption program detected on the device
encryptionProductName	The name of the full-disk encryption software detected on the device See *Detected full-disk encryption products* in the online help for details about the full-disk encryption products and self-encrypting products that can be detected Example: ***BitLocker Drive Encryption Driver***

Data point	Description
encryptionVersion	The version number of the full-disk encryption software detected on the device Example: ***10.0.15063.0 (WinBuild.160101.0800)***
encryptionAlgorithm	The detected algorithm used by the full-disk encryption software, if available Most products use Advanced Encryption Standard (AES) Example: ***AES***
encryptionStatusDescription	The summarized encryption status of the device Example: ***Drive=C: ProtectionStatus=The volume is not encrypted***
encryptionKeySize	The number of bits in a key used by the detect algorithm For products that use an AES algorithm, the key size is typically 128 or 256 bits Example: ***128***
hardwareEncryption	Indicates whether the encryption product is hardware or software based ***true***: An Opal compliant self encrypting drive (SED) is detected on the device ***false***: The encryption product is software-based
lastEncryptionDataReceivedUtc	The date and time (in UNIX Epoch) when the agent last detected a change in the device's encryption information Example: ***1593055421636***
encryptionStatus	The summarized encryption status of the device Possible values: • ***ENCR***: A full-disk encryption product is installed and the system drive is encrypted • ***INST***: A full-disk encryption product is installed, but the system drive is not encrypted, or Microsoft BitLocker is suspended • ***UNKN***: Unknown
allDrivesEncrypted	Indicates whether all drives have been encrypted USB drives and network drives are ignored Possible values: • ***0***: No drives are encrypted • ***1***: All drives are encrypted with locked drives • ***2***: All drives are encrypted with no locked drives • ***3***: Some drives are encrypted • ***4***: The encryption status of all drives is unknown
chassisType	The chassis type from the System Enclose or Chassis structure in the SMBIOS information Values correspond to ChassisTypes in theWin32_SystemEnclosure WMI class. Example: ***10*** - Corresponds to a Notebook

Data point	Description
avgMinutesInUse	The daily usage (in minutes) of a device, averaged over the 30 days prior to the most recent agent check-in Days with no usage are not included in the calculation Example: ***1072***
classification	The average level of daily usage of the device • ***heavilyUsed***: More than 8 hours • ***moderatelyUsed***: 4 - 8 hours • ***slightlyUsed***: 1 - 4 hours • ***notUsed***: Less than 1 hour
firstCallUtc	The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center Example: ***1558457192223***
unenrollmentDateUtc	The data and time (in UNIX Epoch) when the device was unenrolled from your account Example: ***1611012360460***
geoData	An object containing information about the device's location
location	An object containing the last location of the device
point	An object containing the location coordinates
x	The estimated latitude (in degrees) where the device is located Example: ***-123.13202***
y	The estimated longitude (in degrees) where the device is located Example: ***49.288162***
type	The type of geolocation data Example: ***Point***
coordinates	An array containing the estimated latitude and longitude (in degrees) where the device is located Example: ***[-123.13202,49.288162]***
geoAddress	An object containing the address where the device is located
city	The city where the device is located Example: ***Vancouver***
state	The state or province where the device is located Example: ***BC***
countryCode	The country code for the country where the device is located Example: ***CA***
country	The country where the device is located Example: ***Canada***

Data point	Description
locationTechnology	The technology used to get the location Example: ***gps***
accuracy	The estimated accuracy (in meters) of the technology used to locate the device Example: ***0***
lastUpdate	The date and time (in UNIX Epoch) when the device last changed its location Example: ***1605747972853***

Persisted Applications

- rnrANYCONNECT: Cisco AnyConnect® Secure Mobility Client
- rnrAPSCCM: Microsoft® SCCM
- rnrBitLocker: Microsoft BitLocker® Drive Encryption
- rnrCarbonBlack: VMWare Carbon Black Cloud™
- rnrCiscoAMP: Cisco® AMP for Endpoints
- rnrCitrixWorkspace: Citrix Workspace™ Application for Windows
- rnrCrowdStrike: CrowdStrike Falcon®
- rnrDellATP: Dell Advanced Threat Prevention
- rnrDellDG: Dell Data Guardian
- rnrDellEncryption: Dell Encryption
- rnrESESTPAV: ESET® Endpoint Antivirus
- rnrFortiClientVPN: FortiClient® VPN
- rnrF5VPN: F5® BIG-IP® Edge Client®
- rnrGlobalProtect: GlobalProtect™ for Windows Unified Platform
- rnrIVANTIPATCHW: Ivanti Security Controls (formerly Ivanti® Patch for Windows)
- rnrLANDesk: Ivanti® Endpoint Protector
- rnrLenovoUDC: Lenovo® Device Intelligence
- rnrMCAFEEAGENT: McAfee® ePolicyOrchestrator®
- rnrNessus: Nessus Agent
- rnrNetskope: Netskope® Client
- rnrPulseVPN: Pulse Connect Secure
- rnrSentinelOne: SentinelOne™
- rnrSymantecEP: Symantec™ Endpoint Protection
- rnrTanium: Tanium™
- rnrWinMagic: WinMagic SecureDoc™
- rnrWorkspaceONE: VMware Workspace ONE™
- rnrZIFTENZENITH: Ziften Zenith

Example: Response for a successful request on a Windows device

The following response is for a successful call for a single Windows device. For demonstration purposes, a value is provided for most parameters. Your results may contain fewer parameters. To simplify the results:

- arrays that can have more than one object, such as *networkAdapters* only contain one object
- only one of the applications for rnr<app> objects is included


```
[
  {
    "id": "f3819afe-xxxx-4279-8fca-91ec4a0c6c1c",
    "esn": "1L0XXXXB2JAA3KSB0006",
    "accountUid": "be8eb674-xxxx-11d4-8835-00c04f72c2df",
    "lastUpdatedUtc": 1617303548722,
```

```
    "agentStatus": "A",
    "platformOSType": "Windows",
    "fullSystemName": "LPTP_Bob.MYCOMPANY",
    "systemName": "LPTP_Bob",
    "systemManufacturer": "Dell",
    "systemModel": "OPTIPLEX 902",
    "systemType": "x64-based PC",
    "serial": "C07QG5L3G1HV",
    "systemDirectory": "C:\\Windows\\system32",
    "bootDevice": "\\Device\\HarddiskVolume1",
    "locale": "English (United States)",
    "username": "LPTP_Bob\\bob",
    "currentUsername": "LPTP_Bob\\bob",
    "timeZone": "Pacific Daylight Time",
    "totalPhysicalRamBytes": 7458869248,
    "availablePhysicalRamBytes": 6104248,
    "totalVirtualMemoryBytes": 14624084,
    "availableVirtualMemoryBytes": 13498280,
    "pageFile": "C:\\pagefile.sys",
    "pageFileSpaceBytes": 2080374784,
    "domain": "MYCOMPANY",
    "battery": {
      "id": "2101574",
      "name": "DELL MC34Y51",
      "estimatedRunTime": "45",
      "serialNumber": "2280SMPDELL MC34Y12",
      "capacity": "1000",
      "estimatedChargeRemaining": "55",
      "expectedLife": "10000",
      "maxRechargeTime": "240"
    },
    "cameras": [
      {
        "id": "USB\\VID_0BDA&PID_5686&MI_00\\6&153A3DF0&0&0000",
        "name": "Integrated Webcam",
        "description": "USB Video Device",
        "isEnabled": "false"
      }
    ],
    "bios": {
      "id": "DELL - 1072009 1.22.8",
      "releaseDate": 1570492800000,
      "language": "enUS",
      "serialNumber": "5CG6162G6Z",
      "version": "- 1072009 1.22.8",
      "versionDate": "Dell Inc. 1.22.8, 10/08/2019",
      "smBiosVersion": "3.0",
      "smBiosMajorVersion": 3,
      "smBiosMinorVersion": 0,
      "manufacturer": "Dell Inc.",
      "assetTag": "101574"
    },
    "cdRoms": [
      {
        "id": "SCSI\\CDROM&VEN_HL-DT-ST&PROD_RW/DVD_MU10N\\4&8188E1B&0&010000",
```

```
      "name": "HL-DT-ST RW/DVD MU10N",
      "drive": "D:",
      "mediaType": "CD Writer",
      "description": "CD-ROM Drive",
      "status": "OK",
      "transferRate": 60000.0,
      "pnpDeviceId": "SCSI\\CDROM&VEN_HL-DT-ST&PROD_RW/DVD_MU10N\\4&8188E1B&0&010000",
      "mediaLoaded": true,
      "manufacturer": "(Standard CD-ROM drives)",
      "scsiTargetId": 0
    }
  ],
  "cpu": {
    "id": "CPU0",
    "name": "AMD A10-7300 APU with AMD Radeon R6 Graphics",
    "architecture": "9",
    "dataWidth": 64,
    "logicalCores": 4,
    "physicalCores": 4,
    "processorSpeed": 2000,
    "l2CacheSize": 4096,
    "l3CacheSpeed": 0,
    "l3CacheSize": 4096
  },
  "disks": [
    {
      "id": "\\\\.\\PHYSICALDRIVE0",
      "name": "\\\\.\\PHYSICALDRIVE0",
      "bytesPerSector": 512,
      "description": "Disk drive",
      "diskIndex": 0,
      "firmwareRevision": "AM002C",
      "manufacturer": "(Standard disk drives)",
      "mediaType": "Fixed hard disk media",
      "model": "TOSHIBA MQ01ABF032",
      "numberOfPartitions": 2,
      "sectorsPerTrack": 63,
      "serialNumber": "14TSC5OST",
      "sizeBytes": 500105249280,
      "status": "OK",
      "totalCylinders": 60801,
      "totalHeads": 255,
      "totalSectors": 976768065,
      "totalTracks": 15504255,
      "totalTracksPerCylinder": 255
    }
  ],
  "displays": [
    {
      "id": "DesktopMonitor1",
      "name": "Generic PnP Monitor",
      "adapterDescription": "Intel(R) HD Graphics Family",
      "adapterRam": 1073741824,
      "adapterType": "Internal",
      "bitPerPixel": 32,
```

```
        "driverVersion": "8.15.1.50",
        "height": 900,
        "width": 1600,
        "manufacturer": "(Standard monitor types)",
        "numberOfColors": 4294967296,
        "refreshRate": 60,
        "horizontalResolution": 1600,
        "verticalResolution": 900,
        "resolution": "1600 X 900 X 60",
        "pnpDeviceId": "DISPLAY\\DEFAULT_
MONITOR\\4&amp;amp;31BE19FA&amp;amp;0&amp;amp;12345678&amp;amp;00&amp;amp;0F"
      }
    ],
    "keyboards": [
      {
        "id": "ACPI\\PNP0303\\4&3B999ECD&0",
        "name": "Enhanced (101- or 102-key)",
        "description": "Standard PS/2 Keyboard",
        "layout": "00000409",
        "pnpDeviceId": "ACPI\\PNP0303\\4&3B999ECD&0",
        "numberOfFunctionKeys": 12
      }
    ],
    "memories": [
      {
        "id": "Physical Memory 0",
        "manufacturer": "Micron",
        "serialNumber": "16501215",
        "sizeBytes": 8589934592,
        "slot": "DIMM 1",
        "speed": 1600,
        "typeDetail": 128
      }
    ],
    "networkAdapters": [
      {
        "id": "1",
        "name": "Intel(R) 82579LM Gigabit Network Connection",
        "adapterType": "Ethernet 802.3",
        "defaultGateway": "172.20.12.1",
        "dhcpEnabled": true,
        "dhcpLeaseExpires": 1590184304000,
        "dhcpLeaseObtained": 1590097904000,
        "dhcpServer": "172.20.8.11",
        "ipV4Address": "172.20.12.78",
        "ipV6Address": " fe80::3d47:4393:b4f0:9bf5",
        "ipSubnet": "255.255.255.0, 64, 128",
        "macAddress": "A0:1D:48:15:23:46",
        "manufacturer": "Intel Corporation",
        "productType": "Intel(R) 82579LM Gigabit Network Connection",
        "speed": 100000000,
        "networkSSID": "MyNetwork1234",
        "installed": true,
        "serviceName": "e1iexpress",
        "dnsHostName": "DESKTOP-2UIBABC",
```

```
        "interfaceIndex": 8,
        "pnpDeviceId": "PCI\\VEN_8086&DEV_1502&SUBSYS_18DF103C&REV_04\\3&B1BFB68&0&C8"
      }
    ],
    "os": {
      "architecture": "64-bit",
      "build": "10240",
      "csdVersion": "Service Pack 1",
      "installDate": 1588102919000,
      "lastBootTime": 1611107692500,
      "manufacturer": "Microsoft Corporation",
      "name": "Microsoft Windows 10 Pro",
      "productKey": "TY4CG-JDJH7-XX0XX-DY4X9-ABCD1",
      "serialNumber": "00330-80008-00000-AA111",
      "version": "10.0.10240",
      "windowsDirectory": "C:\\Windows",
      "servicePack": "Service Pack 1",
      "ubr": "0",
      "currentBuild": "7601",
      "releaseId": "2009",
      "editionId": "Professional",
      "otherOSDescription": "NA"
    },
    "pointingDevices": [
      {
        "id": "USB Optical Mouse",
        "name": "USB Optical Mouse",
        "manufacturer": "(Standard system devices)",
        "hardwareType": "USB Input Device",
        "numberOfButtons": 2,
        "status": "OK",
        "pnpDeviceId": "ACPI\\PNP0303\\4&3B999ECD&0",
        "powerManagementSupported": false
      }
    ],
    "printers": [
      {
        "id": "EPSON EP-805A Series",
        "name": "EPSON EP-805A Series",
        "driver": "EPSON EP-805A Series",
        "port": "LPT1:, LPT2:",
        "server": "PRINTSERVER1",
        "share": "EPSON EP-805A Series"
      }
    ],
    "sounds": [
      {
        "id": "HDAUDIO\\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_
1005\\4&380E5D80&0&0001",
        "name": "AMD High Definition Audio Device",
        "manufacturer": "Advanced Micro Devices",
        "status": "OK",
        "pnpDeviceId": "HDAUDIO\\FUNC_01&VEN_1002&DEV_AA01&SUBSYS_00AA0100&REV_
1005\\4&380E5D80&0&0001"
      }
```

```
  ],
  "volumes": [
    {
      "id": "\\\\?\\Volume{de862512-b6e8-11e3-9562-806e6f6e6963}\\",
      "name": "C:\\",
      "boot": false,
      "compressed": false,
      "driveLetter":"C:",
      "fileSystem": "NTFS",
      "freeSpaceBytes": 71176192,
      "serial": "1612351575",
      "sizeBytes": 104853504
    }
  ],
  "usbs": [
    {
      "id": "PCI\\VEN_8086&DEV_9C26&SUBSYS_22DA103C&REV_04\\3&B1BFB68&0&E8",
      "name": "Intel(R) 8 Series USB Enhanced Host Controller #1 - 9C26",
      "pnpDeviceId": "PCI\\VEN_8086&DEV_9C26&SUBSYS_22DA103C&REV_04\\3&B1BFB68&0&E8",
      "manufacturer": "Intel"
    }
  ],
  "persistentAgentVersion": "961",
  "agentVersion": "8.0.978.0",
  "ctesVersion": "1.0.0.2510",
  "deviceGroupIds": [
    "1105a907-97f2-4c93-9ad8-c3717163a345",
    "8194f017-7f9c-4a1e-9dc7-645ccf8123df"
  ],
  "policyGroupUid": "a7e2d646-9416-4b15-bbb3-095fe665a456",
  "policyGroupName": "ADMIN1",
  "src": "upld",
  "origin": "etl",
  "lastConnectedUtc": 1617202046280,
  "hdcStatus": {
    "status": "OK",
    "isEnabled": true,
    "statusCode": 0,
    "featureType": "HDC",
    "lastDataReceived": 1603403406193,
    "lastUpdated": 1602976232345,
    "calcStatus": "OK",
  },
  "sdcStatus": {
    "status": "OK",
    "isEnabled": true,
    "featureType": "SDC",
    "lastDataReceived": 1575111592119,
    "lastUpdated": 1573064903777,
    "calcStatus": "INACTIVE"
  },
  "dlpStatus": {
    "isEnabled": true,
    "featureType": "DLP",
    "calcStatus": "INACTIVE"
```

```
    },
    "geoStatus": {
      "status": "OK",
      "isEnabled": "true",
      "featureType": "GEO",
      "lastDataReceived": 1605747988701,
      "lastUpdated": 1605747987701,
      "calcStatus": "OK"
    },
    "espStatus": {
      "isEnabled": true,
      "featureType": "ESP"
    },
    "duStatus": {
      "isEnabled": false,
      "featureType": "DUR"
    },
    "dfStatus": {
      "statusCode": "FRZN",
      "displayStatusCode": "FRZN",
      "passCode": "12345678",
      "displayStatusCode": "12345678"
    },
    "dfActionStatus": {
      "statuses": {
        "Scheduled": {
          "passcode": "12345678",
          "updatedUTC": 1606427988586,
          "extras": {
            "conditions": [
              {
                "scheduledFreezeDate": "2021-01-01T00:00:00.000Z"
              }
            ]
          }
        }
      },
      "score": 300
    },
    "cdf": {
      "GRtix6JdRj2u1dCU3CS9wg": "Two",
      "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"
    },
    "isStolen": false,
    "rnrBitlocker": {
      "trigger": "Schedules",
      "version": "1.63.3",
      "lastUpdatedUtc": 1553894330208,
      "executionCompleted": 1553894147000,
      "status": "Disabled",
      "repairStatus": "RepairDisabled",
      "statusDetails": "[BitLocker:System][system: BitLocker], status: Non-compliant,
reason: TPM is either not present, not functioning, or not compatible with BitLocker\n
[BitLocker:Drive][volume: C], status: Non-compliant, reason: encryptionMethod
(expected/actual):AES128/NONE, protectionStatus
```

```
(expected/actual):protectionOn/protectionOff, conversionStatus
(expected/actual):fullyEncrypted/fullyDecrypted\n",
      "repairCount": 0,
      "reinstallCount": 0,
      "failedCount": 0,
      "persistentEventCount": 0,
      "lastKnownCorruptStatusDate": 1553894147000,
      "lastEventCountUpdatedDateUtc": 1553894330233
    },
    "rrCountSummary": {
      "repairCount": 0,
      "reinstallCount": 0,
      "persistentEventCount": 0,
      "failedCount": 0
    },
    "isCTESActive": true,
    "localIp": "172.12.23.34",
    "publicIp": "172.45.67.89",
    "publicIpAddress": 2066563987,
    "localIpAddress": 2886735678,
    "avpInfo": {
      "antivirusName": "Windows Defender",
      "antivirusVersion": "4.18.1909.6 WinBuild.160101.0800",
      "antivirusDefinition": "1.287.351.0"
      "antivirusDefintionDate": 1612524268000,
      "antivirusDataReceivedUtc": 1612529979715
    },
    "espInfo":
      {
        "encryptionProductName": "BitLocker Drive Encryption Driver",
        "encrytpionVersion": "10.0.15063.0 (WinBuild.160101.0800)",
        "encryptionAlgorith": "AES",
        "encryptionStatusDescription": "Drive=C: ProtectionStatus=The volume is not
encrypted- Not managed by ATA Security feature",
        "encryptionKeySize": "128",
        "hardwareEncryptionStatus": false,
        "lastEncryptionDataReceivedUtc": 1603055421636,
        "encryptionStatus": "ENCR"
        "allDrivesEncrypted": "2"
    },
    "chassisType": "10",
    "avgMinutesInUse": 1072,
    "classification": "heavilyUsed",
    "firstCallUtc": 1558457192223,
    "geoData": {
      "location": {
        "point": {
          "x": -123.13202,
          "y": 49.288162,
          "type": "Point",
          "coordinates": [
            -123.13202,
            49.288162
          ]
        },
```

```
        "geoAdress": {
          "city": "Vancouver",
          "state": "British Columbia",
          "countryCode": "CA",
          "country": "Canada"
        },
        "locationTechnology": "gps",
        "accuracy": 10,
        "lastUpdated": 1605747972853
      }
    }
  }
]
```


Response parameters for Mac devices

The following table describes the available inventory of data that you can retrieve for each managed Mac device.

Data point	Description
id	The ID assigned by the manufacturer Example: ***f3819afe-xxxx-4279-8fca-91ec4a0c6c1c***
esn	The unique Electronic Serial Number (ESN) that is assigned to the agent installed on the device Example: ***1L0XXXXB2JAA3KSB0006***
accountUid	The unique ID associated with this Absolute account Example: ***be8eb674-xxxx-11d4-8835-00c04f72c2df***
lastUpdatedUtc	The date and time (in UNIX Epoch) when a device's hardware information was last updated in the database Example: ***1617303548722***
agentStatus	The status of the agent on the device Possible values: • ***A***: The agent is active and has connected to the Absolute Monitoring Center • ***D***: The agent is disabled is either flagged for removal or removed from the device • ***I***: The agent is inactive and has not yet connected to the Absolute Monitoring Center
platformOSType	The operating system of the device Example: ***Mac***
systemName	The name assigned to the device Example: ***LPTP_Bob***
systemManufacturer	The manufacturer of the device Example: ***Apple***

Data point	Description
systemModel	The product name from the manufacturer Example: ***MACMINI7,1***
systemType	The system running on the Mac-based computer Example: ***x86_64***
serial	The identification number that is assigned to the device by the device manufacturer Example: ***C07QG5L3G1HV***
systemDirectory	The system directory of the operating system Example: **/**
bootDevice	The name of the disk drive from which the current Mac operating system starts Example: **/**
locale	The language identifier used by the operating system Example: ***English (United States)***
username	The username of the user who was logged in to the device when an agent connection occurred If no user was logged in during the most recent agent connection, the last detected username shows Example: ***bob***
currentUsername	Username of the user that was logged in during the most recent agent connection Example: ***bob***
timeZone	Time zone represented when daylight saving time is in effect Example: ***UTC-08:00 Pacific Standard Time***
totalPhysicalRamBytes	The total size (in bytes) of the physical memory Example: ***8589934592***
availablePhysicalRamBytes	The amount (in bytes) of physical memory currently unused and available Example: ***4793049088***
totalVirtualMemoryBytes	Total amount (in bytes) of virtual memory You may calculate this total by adding the amount of total RAM to the amount of paging space Example: ***1073741824***
availableVirtualMemoryBytes	Amount (in bytes) of unused virtual memory Example: ***981204992***
domain	The name of the Windows domain to which this device belongs Example: ***MYCOMPANY***

Data point	Description
battery	An object containing information about the battery
id	Identifier of the battery Example: ***InternalBattery-0***
name	The name of the battery Example: ***InternalBattery-0***
serialNumber	The unique number given by the manufacturer to identify the battery Example: ***D865041Y1S7F9CPAC***
estimatedChargeRemaining	Estimated time (in minutes) of the full charge that remains Example: ***55***
capacity	The battery power level that is available Example: ***6900***
cameras	An array of objects, each object contains information about one camera
id	The identifier of the camera Example: ***0x1a11000005ac8509***
name	The name of the camera Example: ***FaceTime HD Camera (Built-in)***
model	The model of the camera Example: ***UVC Camera VendorID_1452 ProductID_34057***
isEnabled	Indicates whether the camera is enabled • ***true***: The camera is enabled • ***false***: The camera isn't enabled
cpu	An object containing information about the CPU
id	The unique identifier of the processor of the system Chromebook devices return a value of 1 Example: ***Intel(R) Core(TM) i7-4770HQ CPU @ 2.20GHz***
name	The label by which the object is known Example: ***Intel(R) Core(TM) i7-4770HQ CPU @ 2.20GHz***
architecture	Processor architecture used by the platform Example: ***Intel x86 - 64 bit***
busSpeed	Amount of data (in megahertz) that can move across the bus simultaneously Example: ***2200***
instructionSet	The width of the data bus Possible values: ***32***: 32-bit processor ***64***: 64-bit processor

Data point	Description
logicalCores	Number of logical processors for the current instance of the processor Example: ***8***
physicalCores	Number of cores for the current instance of the processor Example: ***4***
processorSpeed	The rate (in megahertz) at which the computer processor computes Example: ***2000***
l2CacheSize	The size (in bytes) of the Level 2 processor cache Example: ***256***
l3CacheSize	Size of the Level 3 processor cache Example: ***4096***
disks	An array of objects, each object contains information about one disk drive
id	The unique identifier of the disk drive with other devices on the system Example: ***APPLE HDD HTS545050A7E362***
name	The name of the disk drive Example: ***APPLE HDD HTS545050A7E362***
description	A description of the disk drive Example: ***APPLE HDD HTS545050A7E362 Media***
diskIndex	The physical drive number of the given disk drive Example: ***0***
firmwareRevision	The revision of the disk drive firmware that is assigned by the manufacturer Example: ***GG2AB990***
manufacturer	The name of the manufacturer of the disk drive Example: ***Apple***
mediaType	The type of media used or accessed by this device Example: ***Rotational***
model	The model number of the disk drive from the manufacturer Example: ***APPLE HDD HTS545050A7E362***
serialNumber	ID number given by the manufacturer Example: ***TNS123GY34T56H***
sizeBytes	The size (in bytes) of the disk drive Example: ***500107862016***
displays	An array of objects, each object contains information about one display
id	The unique identifier of the display Example: ***Color LCD***

Data point	Description
name	Name of the display Example: ***Color LCD***
adapterDescription	Description of the display Example: ***Color LCD***
depth	The number of bits used to show each pixel Example: ***24***
height	The logical height of the display in screen coordinates Example: ***1050***
width	The logical width of the display in screen coordinates Example: ***1680***
manufacturer	Name of the manufacturer of the display Example: ***Apple***
refreshRate	The frequency at which the video controller refreshes the image for the display Example: ***60***
keyboards	An array of objects, each object contains information about a single keyboard
id	The unique address of identifying information that identifies the keyboard Example: ***Apple Internal Keyboard / Trackpad***
name	Name of the keyboard Example: ***Apple Internal Keyboard / Trackpad***
memories	An array of objects, each object contains information about a single memory device
id	The unique identifier of the physical memory Example: ***BANK 1/DIMM0***
manufacturer	The manufacturer that produced the memory Example: ***0x02FE***
serialNumber	The number assigned by the manufacturer to identify the memory Example: ***0xCCE7123D***
sizeBytes	The total capacity (in bytes) of the physical memory Example: ***4294967296***
slot	The slot locator of the physical memory Example: ***BANK 1/DIMM0***
speed	The processing speed (in megatransfers per second) of the memory Example: ***1600***

Data point	Description
partNumber	The part number of the physical memory Example: ***0x45424A34315546384244553 02D474E2D4620***
typeDetail	The type of physical memory Example: ***DDR3***
status	The status of the memory Example: ***ok***
networkAdapters	An array of objects, each object contains information about a single network adapter
id	The unique identifier of the network adapter Example: ***ThunderboltIP***
name	The name of the network adapter Example: ***ThunderboltIP***
ipV4Address	Array of all of the IPv4 addresses associated with the current network adapter Example: ***172.20.12.78***
ipV6Address	Array of all of the IPv6 addresses associated with the current network adapter Example: ***fe80::3d47:4393:b4f0:9bf5***
macAddress	Media access control (MAC) address for this network adapter Example: ***81:25:03:10:F3:01***
manufacturer	Name of the manufacturer of the network adapter Example: ***Apple***
speed	Estimate of the current bandwidth (in bits per second) Example: ***10000000000***
networkSSID	Example: ***MyNetwork1234***
os	An object containing information about the operating system
architecture	The architecture of the operating system Example: ***x86_64***
build	The build number of the operating system Example: ***19H2***
edition	The edition of the operating system Example: ***10.15.7***
installDate	Date and time (in UNIX Epoch) when the operating system was installed Example: ***1588102919000***

Data point	Description
lastBootTime	Date and time (in UNIX Epoch) when the operating system was last restarted Example: ***1589503649744***
manufacturer	Name of the manufacturer of the operating system Example: ***Apple Inc.***
name	The short description of the operating system expressed as a one-line string that includes the version of the operating system Example: ***Mac OS X***
version	The version of the operating system Example: ***10.15 (19A582a)***
pointingDevices	An array of objects, each object contains information about a single pointing device
id	Identifier for the pointing device Example: ***Apple Internal Keyboard / Trackpad***
name	Name of the pointing device Example: ***Apple Internal Keyboard / Trackpad***
manufacturer	Name of the manufacturer of the pointing device Example: ***Apple, Inc.***
powerManagementSupported	Indicates whether the device supports power management • ***true***: The device can be power-managed • ***false***: The device cannot be power-managed
printers	An array of objects, each object containing information about a single printer
id	Unique identifier of the printer Example: ***Xerox WorkCentre 3210***
name	Name of the printer Example: ***Xerox WorkCentre 3210***
driver	Name of the printer driver Example: ***Generic PCL Laser Printer***
sounds	Array of key value pairs for each sound device
id	Identifier for the sound device Example: ***Built-in Microphone***
name	Name of the sound device Example: ***Built-in Microphone***
manufacturer	Name of the manufacturer of the sound device Example: ***Apple Inc.***

Data point	Description
volumes	An array of objects, each object contains information about a single volume
id	The unique identifier of the volume on this system Example: ***disk1disk1 - APPLE HDD HTS545050A7E362165709295616***
name	The name of the volume Example: ***disk1 - APPLE HDD HTS545050A7E362***
boot	Indicates whether the volume contains the currently running OS files • ***true***: The volume contains the currently running OS files • ***false***: The volume doesn't contain the currently running OS files
fileSystem	The file system for the volume Example: ***Apple_APFS***
freeSpaceBytes	Space available (in bytes) on the logical disk Example: ***71176192***
sizeBytes	The size (in bytes) of the volume Example: ***104853504***
mountPoint	Example: ***/Volumes/1013***
agentVersion	The version number of the Absolute Agent for the operating system Example: ***976***
ctesVersion	The version number of the component manager installed on the device Example: ***1.0.0.2510***
deviceGroupIds	An array of identifiers of the device groups that the device belongs to Example: ***"1105a907-97f2-4c93-9ad8-c3717163a345", "8194f017-7f9c-4a1e-9dc7-645ccf8123df"***
policyGroupUid	The unique identifier of the policy group that the device belongs to Example: ***a7e2d646-9416-4b15-bbb3-095fe665a456***
policyGroupName	The name of the policy group to that the device belongs to Example: ***Accounting***
src	How the device was created in the system Possible values: • ***agent call*** • ***extract*** • ***transform*** • ***etl***: load • ***upld***: upload

Data point	Description
origin	The Absolute interface field that identifies the source of the field source • ***classic extract*** • ***transform*** • ***etl***: load • ***upld***: uploaded from the device
lastConnectedUTC	The date and time (in UNIX Epoch) when the device last connected to the Absolute Monitoring Center Example: ***1610194036623***
hdcStatus	An object containing information about hardware data collection
status	The status of the agent's HDC component on the device Example: ***OK***
statusCode	An integer that maps to the status Example: ***0***
isEnabled	The status of the Hardware policy • ***true***: The Hardware policy is activated on the device • ***false***: The Hardware policy is not activated on the device
featureType	The acronym for the hardware collection Example: ***HDC***
lastDataReceivedUTC	The date and time (in UNIX Epoch) when the device's hardware collection was last uploaded to the Absolute Monitoring Center Example: ***1603403406193***
lastUpdated	The date and time (in UNIX Epoch) when the device's Hardware policy was last activated or updated on the device Example: ***1602976232345***
calcStatus	Status of the hardware collection on the device Example: ***OK***
sdcStatus	An object containing information about software data collections
status	The status of the agent's SDC component on the device Example: ***ERROR_FAILED_DOWNLOAD_POLICY***
statusCode	An integer that maps to the status Example: ***9***
isEnabled	The status of the Software policy • ***true***: the Software policy is activated on the device • ***false***: the Software policy is not activated on the device

Data point	Description
featureType	The acronym for the software collection Example: ***SDC***
lastDataReceived	The date and time (in UNIX Epoch) when the device's software collection was last uploaded to the Absolute Monitoring Center Example: ***1575111592119***
lastUpdated	The data and time (in UNIX Epoch) when the Software policy was last activated or updated on the device Example: ***1573064903777***
calcStatus	Status of software data collection on the device Example: ***ERROR***
dlpStatus	An object containing information about Endpoint Data Discovery (EDD) collection
status	The status of the agent's EDD component on the device Example: ***ERROR_FAILED_DOWNLOAD_POLICY***
statusCode	An integer that maps to the status Example: ***10***
isEnabled	The status of the Endpoint Data Discovery policy Possible values: • ***true***: the Endpoint Data Discovery policy is activated on the device • ***false***: the Endpoint Data Discovery policy is not activated on the device
featureType	The acronym for the Endpoint Data Discovery collection Example: ***DLP***
lastDataReceived	The data and time (in UNIX Epoch) when the devices Endpoint Data Discovery collection was last uploaded to the Absolute Monitory Center Example: ***1575111592119***
lastUpdated	The data and time (in UNIX Epoch) when the Endpoint Data Discovery policy was last activated or updated on the device Example: ***1573064903777***
calcStatus	The status of the EDD policy on the device Example: ***ERROR***
geoStatus	An object containing information about Geolocation Tracking collection
status	The status of the agent's GEO component on the device Example: ***OK***

Data point	Description
isEnabled	The status of the Geolocation Tracking policy Possible values: • ***true***: the Geolocation Tracking policy is activated on the device • ***false***: the Geolocation Tracking policy is not activated on the device
featureType	Identifies the Geolocation (GEO) policy Example: ***GEO***
lastDataReceived	The date and time (in UNIX Epoch) when the device's location was last uploaded to the Absolute Monitoring Center Example: ***1605747988701***
lastUpdated	The date and time (in UNIX Epoch) when the Geolocation Tracking policy was last activated or updated on the device Example: ***1605747987701***
calcStatus	The status of the geolocation collection on the device Example: ***OK***
espStatus	An object containing information about Full-Disk Encryption
isEnabled	The status of the Full-Disk Encryption Status policy Possible values: • ***true***: the Full-Disk Encryption Status feature is activated on the device • ***false***: the Full-Disk Encryption Status feature is not activated on the device
featureType	The acronym for the Full-Disk Encryption collection Example: ***ESP***
duStatus	An object containing information about Device Usage
isEnabled	The status of the Device Usage policy • ***true***: the Device Usage policy is activated on the device • ***false***: the Device Usage policy is not activated on the device
featureType	The acronym for the Device Usage collection Example: ***DUR***

Data point	Description
dfStatus	An object containing information about the device freeze status of the device
statusCode	The status of the device freeze Possible values: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***:Unfeeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***UFPC***: Unfrozen via passcode - The passcode was entered on the device and the device is no longer frozen. • ***UFAG***: Unfrozen via Agent Call - The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***CNCL***: Canceled - The device Freeze request has been canceled. • ***RMVD***: The request has been removed from Summary report
displayStatusCode	The status of the device freeze Possible value: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***: Unfreeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center.

Data point	Description
statusName	The name of the device freeze status code • ***Freeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Frozen***: The Freeze instructions were processed and a freeze message shows on the device. • ***Unfreeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Unfrozen via Client Passcode***: The passcode was entered on the device and the device is no longer frozen. • ***Unfrozen via Agent Call***: The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***Cancelled***: The device Freeze request has been canceled. • ***The request has been removed from Summary report***: The request has been removed from Summary report.
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
displayPassCode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
changedUtc	The date and time (in UNIX Epoch) when the device freeze status was last updated Example: ***1609935646927***
dfActionStatus	An object containing information about Device Freeze
statuses	The status of Device Freeze Possible values: • OnDemand • Scheduled • PowerUnplug • Offline
OnDemand	An object containing information about an On Demand device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
status	The Freeze status of the device Example: ***FreezeRequested***

Data point	Description
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
Scheduled	An object containing information about a Scheduled device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing device freeze conditions
conditions	An array of objects, each object contains information about the conditions required to freeze the device
scheduledFreezeDate	The date and time when the device is scheduled to be frozen Example: ***2019-05-31T00:00:00.000+0000***
PowerUnplug	An object containing information about a Power Unplug device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device
unfreezeOnPlug	Whether the device unfreezes when it is plugged back in ***true***: The device is unfrozen when it is plugged back in ***false***: The device remains frozen when it is plugged in
freezeDelaySeconds	The amount of time (in seconds) the device can be unplugged before the device is frozen Example: ***60***
Offline	An object containing information about an Offline device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
status	The Freeze status of the device Example: ***FreezeRequested***

Data point	Description
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device
secondsUntilFreeze	The amount of time (in seconds) that the device can be offline before the device is frozen Example: ***2592000***
score	The score of the Device Freeze status, which is a sum of weights for each type of status. This score is used to sort the report in the Device Freeze status column. A value of zero (0) indicates that the device does not have outstanding device freeze requests against it, and therefore, is not frozen. The sum is taken from these statuses: • FreezeRequested = 15 • Frozen=300 • FreezeScheduled = 10 • FreezeConditionSet = 5 • FrozenOnSchedule = 200 • FrozenByCondition = 100 Example: ***15***
cdf	An object containing comma-separated key/value pairs representing custom device field uids and their values The uid can be used in the Custom Device Fields API /v2/cdf/definitions/ endpoints. Example: ***"GRtix6JdRj2u1dCU3CS9wg": "Two", "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"***
isStolen	Indicates whether this device was reported as stolen Possible value: • ***true***: the device has been reported stolen • ***false***: the devices hasn't been reported stolen
rnr<app> (nested collection) where <*app*> is supported applications **NOTE** Although these data points appear for all device platforms, Application Persistence is only supported on Windows devices. See Persisted Applications for the list of supported Apps.	
status	The status of the Application Persistence Policy for each <*app*> Example: ***Disabled***

Data point	Description
repairCount	The total number of repairs that succeeded on the device, for the specified <*app*>, over the last 30 days Always 0 for Mac devices Example: ***0***
reinstallCount	The total number of reinstallations that succeeded on the device, for the specified <*app*>, over the last 30 days Always zero for Mac devices Example: ***0***
failedCount	The total number of repairs or reinstallations that failed on the device, for the specified <*app*>, over the last 30 days Always zero for Mac devices Example: ***0***
persistenceEventCount	The total number of repairs and reinstallations attempted on the device, for the specified <*app*>, over the last 30 days Always zero for Mac devices Example: ***0***
rrCountSummary	An object containing information about the Application Persistence event counts
repairCount	The total number repairs that succeeded on the device for all applications, over the last 30 days Always zero for Mac devices Example: ***0***
reinstallCount	The total number re-installations that succeeded on the device for all applications, over the last 30 days Always zero for Mac devices Example: ***0***
persistentEventCount	The total number repairs and re-installations attempted on the device for all applications, over the last 30 days Always zero for Mac, Android, and Chromebook devices Example: ***0***
failedCount	The total number of repairs or re-installations that failed on the device for all applications, over the last 30 days Always zero for Mac devices Example: ***0***
isCTESActive	Indicates whether the component manager is enabled on the device • ***true***: The component manager is enabled • ***false***: The component manager is not enabled
localIp	Last known local IP address of this device Example: ***172.12.23.34***
publicIp	Last known public IP address of this device Example: ***712.45.67.89***

Data point	Description
publicIpAddress	Decimal version of the public IP address Example: ***2066563987***
localIpAddress	Decimal version of the local IP address Example: ***2886735678***
avpInfo	A object containing information on the anti-malware detection
antivirusName	The name of the anti-malware application detected on the device Example: ***Bitdefender Antivirus for Mac***
antivirusVersion	The version of the anti-malware application detected on the device Example: ***2.30***
antivirusDefinition	The version of the anti-malware definition detected on the device Example: ***12681940***
antivirusDefinitionDate	The date and time (in UNIX Epoch) when the anti-malware definition was last updated on the device Example: ***1551933551000***
antivirusDataReceivedUtc	The date and time (in UNIX Epoch) when the anti-malware data was detected on the device Example: ***1562869952103***
espInfo	An object containing information about the encryption program detected on the device
encryptionProductName	The name of the full-disk encryption software detected on the device See *Detected full-disk encryption products* in the online help for details about the full-disk encryption products and self-encrypting products that can be detected Example: ***FileVault2***
encryptionVersion	The version number of the full-disk encryption software detected on the device Example: ***10.0.14.5***
encryptionAlgorithm	The detected algorithm used by the full-disk encryption software, if available Most products use Advanced Encryption Standard (AES) Example: ***AES-XTS***
encryptionStatusDescription	The summarized encryption status of the device Example: ***FileVault is On.***
encryptionKeySize	The number of bits in a key used by the detect algorithm For products that use an AES algorithm, the key size is typically 128 or 256 bits Example: ***128***

Data point	Description
hardwareEncryption	Indicates whether the encryption product is hardware or software based ***true***: An Opal compliant self encrypting drive (SED) is detected on the device ***false***: The encryption product is software-based
lastEncryptionDataReceivedUtc	The date and time (in UNIX Epoch) when the agent last detected a change in the device's encryption information Example: ***1593055421636***
encryptionStatus	The summarized encryption status of the device Possible values: • ***ENCR***: A full-disk encryption product is installed and the system drive is encrypted • ***INST***: A full-disk encryption product is installed, but the system drive is not encrypted, or Microsoft BitLocker is suspended • ***UNKN***: Unknown
allDrivesEncrypted	Indicates whether all drives have been encrypted USB drives and network drives are ignored Possible values: • ***0***: No drives are encrypted • ***1***: All drives are encrypted • ***4***: The encryption status of all drives is unknown
avgMinutesInUse	The daily usage (in minutes) of a device, averaged over the 30 days prior to the most recent agent check-in Days with no usage are not included in the calculation Example: ***1072***
classification	The average level of daily usage of the device • ***heavilyUsed***: More than 8 hours • ***moderatelyUsed***: 4 - 8 hours • ***slightlyUsed***: 1 - 4 hours • ***notUsed***: Less than 1 hour
firstCallUtc	The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center Example: ***1558457192223***
systemIntegrityProtectionStatus	Possible values: • ***enabled*** • ***disabled***
unenrollmentDateUtc	The data and time (in UNIX Epoch) when the device was unenrolled from your account Example: ***1611012360460***

Data point	Description
geoData	An object containing information about the device's location
location	An object containing the last location of the device
point	An object containing the location coordinates
x	The estimated latitude (in degrees) where the device is located Example: ***-123.13202***
y	The estimated longitude (in degrees) where the device is located Example: ***49.288162***
type	The type of geolocation data Example: ***Point***
coordinates	An array containing the estimated latitude and longitude (in degrees) where the device is located Example: ***[-123.13202,49.288162]***
geoAddress	An object containing the address where the device is located
city	The city where the device is located Example: ***Vancouver***
state	The state or province where the device is located Example: ***BC***
countryCode	The country code for the country where the device is located Example: ***CA***
country	The country where the device is located Example: ***Canada***
locationTechnology	The technology used to get the location Example: ***gps***
accuracy	The estimated accuracy (in meters) of the technology used to locate the device Example: ***0***
lastUpdate	The date and time (in UNIX Epoch) when the device last changed its location Example: ***1605747972853***

Example: Response for a successful request on a Mac device

The following response is for a successful call for a single Mac device. For demonstration purposes, a value is provided for most parameters. Your results may contain fewer parameters. To simplify the results:

- arrays that can have more than one object, such as *networkAdapters* only contain one object
- only one of the applications for rnr<app> objects is included

```
[
  {
    "id": "f3819afe-xxxx-4279-8fca-91ec4a0c6c1c",
    "esn": "1L0XXXXB2JAA3KSB0006",
    "accountUid": "be8eb674-xxxx-11d4-8835-00c04f72c2df",
    "lastUpdatedUtc": 1617303548722,
    "agentStatus": "A",
    "platformOSType": "Mac",
    "systemName": "LPTP_Bob",
    "systemManufacturer": "Apple",
    "systemModel": "MACMINI7,1",
    "systemType": "x86_64",
    "serial": "C07QG5L3G1HV",
    "systemDirectory": "/",
    "bootDevice": "/",
    "locale": "English (United States)",
    "username": "bob",
    "currentUsername": "bob",
    "timeZone": "UTC-08:00 Pacific Standard Time",
    "totalPhysicalRamBytes": 8589934592,
    "availablePhysicalRamBytes": 4793049088,
    "totalVirtualMemoryBytes": 1073741824,
    "availableVirtualMemoryBytes": 981204992,
    "domain": "MYCOMPANY",
    "battery": {
      "id": "InternalBattery-0",
      "name": "InternalBattery-0",
      "serialNumber": "D865041Y1S7F9CPAC",
      "capacity": "6900",
      "estimatedChargeRemaining": "55"
    },
    "cameras": [
      {
        "id": "0x1a11000005ac8509",
        "name": "FaceTime HD Camera (Built-in)",
        "description": "UVC Camera VendorID_1452 ProductID_34057",
        "isEnabled": "true"
      }
    ],
    "cpu": {
      "id": "Intel(R) Core(TM) i7-4770HQ CPU @ 2.20GHz",
      "name": "Intel(R) Core(TM) i7-4770HQ CPU @ 2.20GHz",
      "architecture": "Intel x86 - 64 bit",
      "busSpeed": 2200,
      "instructionSet": 64,
      "logicalCores": 8,
      "physicalCores": 4,
      "l2CacheSize": 256,
      "l3CacheSize": 4096
    },
    "disks": [
      {
        "id": "APPLE HDD HTS545050A7E362",
        "name": "APPLE HDD HTS545050A7E362",
        "description": "Disk drive",
```

```
      "diskIndex": 0,
      "firmwareRevision": "GG2AB990",
      "manufacturer": "Apple",
      "mediaType": "Rotational",
      "model": "APPLE HDD HTS545050A7E362",
      "serialNumber": "TNS123GY34T56H",
      "sizeBytes": 500105249280
    }
  ],
  "displays": [
    {
      "id": "Color LCD",
      "name": "Color LCD",
      "adapterDescription": "Color LCD",
      "depth": 24,
      "height": 1050,
      "width": 1680,
      "manufacturer": "Apple",
      "refreshRate": 60
    }
  ],
  "keyboards": [
    {
      "id": "Apple Internal Keyboard / Trackpad",
      "name": "Apple Internal Keyboard / Trackpad"
    }
  ],
  "memories": [
    {
      "id": "BANK 1/DIMM0",
      "manufacturer": "0x02FE",
      "serialNumber": "0xCCE7123D",
      "sizeBytes": 4294967296,
      "slot": "BANK 1/DIMM0",
      "speed": 1600,
      "partNumber": "0x45424A343155463842445530 2D474E2D4620",
      "type": "DDR3",
      "status": "ok"
    }
  ],
  "networkAdapters": [
    {
      "id": "ThunderboltIP",
      "name": "ThunderboltIP",
      "adapterType": "Ethernet 802.3",
      "ipV4Address": "172.20.12.78",
      "ipV6Address": " fe80::3d47:4393:b4f0:9bf5",
      "macAddress": "A0:1D:48:15:23:46",
      "manufacturer": "Apple",
      "speed": 100000000,
      "networkSSID": "MyNetwork1234"
    }
  ],
  "os": {
    "architecture": "x86_64",
```

```
      "build": "19H2",
      "edition": "10.15.7",
      "installDate": 1588102919000,
      "lastBootTime": 1589503649744,
      "manufacturer": "Apple Inc.",
      "name": "Mac OS X",
      "version": "10.15 (19A582a)"
    },
    "pointingDevices": [
      {
        "id": "Apple Internal Keyboard / Trackpad",
        "name": "Apple Internal Keyboard / Trackpad",
        "manufacturer": "Apple, Inc.",
        "powerManagementSupported": false
      }
    ],
    "printers": [
      {
        "id": "Xerox WorkCentre 3210",
        "name": "Xerox WorkCentre 3210",
        "driver": "Generic PCL Laser Printer"
      }
    ],
    "sounds": [
      {
        "id": "Built-in Microphone",
        "name": "Built-in Microphone",
        "manufacturer": "Apple Inc."
      }
    ],
    "volumes": [
      {
        "id": "disk1disk1 - APPLE HDD HTS545050A7E362165709295616",
        "name": "disk1 - APPLE HDD HTS545050A7E362",
        "boot": false,
        "fileSystem": "Apple_APFS",
        "freeSpaceBytes": 71176192,
        "sizeBytes": 104853504,
        "mountPoint": "/Volumes/1013"
      }
    ],
    "agentVersion": "976",
    "ctesVersion": "1.0.0.2510",
    "deviceGroupIds": [
      "1105a907-97f2-4c93-9ad8-c3717163a345",
      "8194f017-7f9c-4a1e-9dc7-645ccf8123df"
    ],
    "policyGroupUid": "a7e2d646-9416-4b15-bbb3-095fe665a456",
    "policyGroupName": "ADMIN1",
    "src": "upld",
    "origin": "etl",
    "lastConnectedUtc": 1617202046280,
    "hdcStatus": {
      "status": "OK",
      "statusCode": 0,
```

```
      "featureType": "HDC",
      "lastDataReceived": 1603403406193,
      "lastUpdated": 1602976232345,
      "calcStatus": "OK",
      "enabled": true
    },
    "sdcStatus": {
      "status": "ERROR_FAILED_DOWNLOAD_POLICY",
      "statusCode": 9,
      "isEnabled": true,
      "featureType": "SDC",
      "lastDataReceived": 1575111592119,
      "lastUpdated": 1573064903777,
      "calcStatus": "ERROR"
    },
    "dlpStatus": {
      "status": "ERROR_FAILED_DOWNLOAD_POLICY",
      "statusCode": "10",
      "isEnabled": true,
      "featureType": "DLP",
      "lastDataReceived": 1575111592119,
      "lastUpdated": 1573064903777,
      "calcStatus": "ERROR"
    },
    "geoStatus": {
      "status": "OK",
      "statusCode": 0,
      "isEnabled": "true",
      "featureType": "GEO",
      "lastDataReceived": 1605747988701,
      "lastUpdated": 1605747987701,
      "calcStatus": "OK"
    },
    "espStatus": {
      "isEnabled": true,
      "featureType": "ESP"
    },
    "duStatus": {
      "isEnabled": false,
      "featureType": "DUR"
    },
    "dfStatus": {
      "statusCode": "FRZN",
      "displayStatusCode": "FRZN",
      "passCode": "12345678",
      "displayStatusCode": "12345678"
    },
    "dfActionStatus": {
      "statuses": {
        "OnDemand": {
          "passcode": "12345678",
          "updatedUTC": 1606427988586,
      "score": 300
    },
    "cdf": {
```

```
    "GRtix6JdRj2u1dCU3CS9wg": "Two",
    "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"
  },
  "isStolen": false,
  "rnrBitlocker": {
    "status": "Disabled",
    "repairCount": 0,
    "reinstallCount": 0,
    "failedCount": 0,
    "persistentEventCount": 0,
    "lastEventCountUpdatedDateUtc": 1553894330233
  },
  "rrCountSummary": {
    "repairCount": 0,
    "reinstallCount": 0,
    "persistentEventCount": 0,
    "failedCount": 0
  },
  "isCTESActive": true,
  "localIp": "172.12.23.34",
  "publicIp": "172.45.67.89",
  "publicIpAddress": 2066563987,
  "localIpAddress": 2886735678,
  "avpInfo": {
    "antivirusName": "Bitdefender Antivirus for Mac",
    "antivirusVersion": "2.30",
    "antivirusDefinition": "12681940",
    "antivirusDefintionDate": 1551933551000,
    "antivirusDataReceivedUtc": 1562869952103
  },
  "espInfo":
    {
      "encryptionProductName": "FileVault2",
      "encrytpionVersion": "10.0.14.5",
      "encryptionAlgorith": "AES-XTS",
      "encryptionStatusDescription": "FileVault is On.",
      "encryptionKeySize": "128",
      "hardwareEncryptionStatus": false,
      "lastEncryptionDataReceivedUtc": 1603055421636,
      "encryptionStatus": "ENCR",
      "allDrivesEncrypted": "1"
  },
  "avgMinutesInUse": 10,
  "classification": "notUsed",
  "firstCallUtc": 1558457192223,
  "systemIntegrityProtectionStatus": "enabled",
  "geoData": {
    "location": {
      "point": {
        "x": -123.13202,
        "y": 49.288162,
        "type": "Point",
        "coordinates": [
          -123.13202,
          49.288162
```

```
          ]
        },
        "geoAdress": {
          "city": "Vancouver",
          "state": "British Columbia",
          "countryCode": "CA",
          "country": "Canada"
        },
        "locationTechnology": "gps",
        "accuracy": 10,
        "lastUpdated": 1605747972853
      }
    }
  }
]
```


Response parameters for Android devices

The following table describes the available inventory of data that you can retrieve for each managed Android device.

Data point	Description
id	The ID assigned by the manufacturer Example: ***f3819afe-xxxx-4279-8fca-91ec4a0c6c1c***
esn	The unique Electronic Serial Number (ESN) that is assigned to the agent installed on the device Example: ***1L0XXXXB2JAA3KSB0006***
accountUid	The unique ID associated with this Absolute account Example: ***be8eb674-xxxx-11d4-8835-00c04f72c2df***
lastUpdatedUtc	The date and time (in UNIX Epoch) when a device's hardware information was last updated in the database Example: ***1617257585830***
agentStatus	The status of the agent on the device Possible values: • ***A***: The agent is active and has connected to the Absolute Monitoring Center • ***D***: The agent is disabled is either flagged for removal or removed from the device • ***I***: The agent is inactive and has not yet connected to the Absolute Monitoring Center
platformOSType	The operating system of the device Example: ***Android***
systemName	The name assigned to the device Example: ***Android***

Data point	Description
systemManufacturer	Manufacturer of the device Example: ***Lenovo***
systemModel	Product name from the manufacturer Example: ***LENOVO K33A42***
serial	The identification number that is assigned to the device by the device manufacturer Example: ***C07QG5L3G1HV***
rilSerial	The identification number that is assigned to the Radio Interface Layer (ril) by the manufacturer Example: ***R58J123KXHH***
totalPhysicalRamBytes	The total size (in bytes) of the physical memory Example: ***3038773248***
availablePhysicalRamBytes	The amount (in bytes) of physical memory currently unused and available Example: ***198610944***
bios	An object containing information about the BIOS
id	Unique identifier of this BIOS given by the manufacturer Example: ***1***
version	Version of the BIOS as reported by SMBIOS Example: ***Lenovo/karate/K33a42:7.0/NRD90N/K33_S223_170610_ROW:user/release-keys***
cpu	An object containing information about the CPU
id	The unique identifier of the processor of the system Example: ***ARMv7 Processor rev 4 (v7l)***
name	The label by which the object is known Example: ***ARMv7 Processor rev 4 (v7l)***
processorSpeed	Current speed (in megahertz) of the processor Example: ***1400***
disks	An array of objects, each objects contains information about disk drive
id	The unique identifier of the disk drive with other devices on the system Example: ***/storage/sdcard0***
description	A description of the disk drive Example: ***Non Removable SSD- /storage/sdcard0***
mediaType	The type of media used or accessed by this device Example: ***BUILT-IN STORAGE***

Data point	Description
sizeBytes	The size (in bytes) of the disk drive Example: ***12829474816***
displays	An array of objects, each object represents a single display
id	The unique identifier of the desktop monitor Example: ***display***
name	Name of the display Example: ***display***
horizontalResolution	Number of horizontal pixels Example: ***720***
verticalResolution	Number of vertical pixels Example: ***1280***
resolution	Resolution of the display Example: ***720 X 1280***
networkAdapters	An array of objects, each object represents a single network adapter
id	The unique identifier of the network adapter Example: ***1***
name	The name of the network adapter Example: ***Android Wifi Adapter: \"Guest"***
adapterType	The network medium in use Example: ***WiFi***
ipV4Address	Array of all of the IPv4 addresses associated with the current network adapter Example: ***172.20.12.78***
macAddress	Media access control (MAC) address for this network adapter Example: ***A0:1D:48:15:23:46***
speed	Estimate of the current bandwidth (in bits per second) Example: ***117000000***
networkSSID	The Service Set Identifier (SSID) of the Wi-Fi adapter Example: ***Android Wifi Adapter: \"Guest"***
os	An object containing information about the operating system
name	The short description of the operating system expressed as a one-line string that includes the version of the operating system Example: ***Android OS***
version	The version of the operating system Example: ***9***

Data point	Description
lastSecureUpdated	The data and time (in UNIX Epoch) that the operating system was last updated securely Example: ***1596240000000***
volumes	An array of objects, each object contains information about a single volume
id	The unique identifier of the volume on this system Example: ***/storage/sdcard0***
name	The name of the volume Example: ***BUILT-IN STORAGE***
freeSpaceBytes	Space available (in bytes) on the logical disk Example: ***12517883904***
sizeBytes	The size (in bytes) of the volume Example: ***12829474816***
deviceGroupIds	An array of identifiers of the device groups that the device belongs to Example: ***"1105a907-97f2-4c93-9ad8-c3717163a345", "8194f017-7f9c-4a1e-9dc7-645ccf8123df"***
policyGroupUid	The unique identifier of the policy group that the device belongs to Example: ***a7e2d646-9416-4b15-bbb3-095fe665a456***
policyGroupName	The name of the policy group to that the device belongs to Example: ***ADMIN1***
src	How the device was created in the system Possible values: • ***agent call*** • ***extract*** • ***transform*** • ***etl***: load • ***upld***: upload
origin	The Absolute interface field that identifies the source of the field source • ***classic extract*** • ***transform*** • ***etl***: load • ***upld***: uploaded from the device
bluetoothAdapters	An array of objects, each object contains information about a single Bluetooth adapter
id	The identification number of the network adapter Example: ***1***

Data point	Description
isEnabled	Indicates whether the Bluetooth adapter is enabled Possible values: • ***true***: The Bluetooth adapter is enabled • ***false***: The Bluetooth adapter is disabled
address	The address of the Bluetooth adapter Example: ***8A:BC:D6:95:D7:4A***
cellularModems	An array of objects, each object contains information about a single cellular modem
id	The identification number of the cellular modem Example: ***1***
type	The type of radio Example: ***GSM***
enabled	Indicates whether the cellular modem is enabled Possible values: • ***true***: The cellular modem is enabled • ***false***: The cellular modem is disabled
imei	The International Mobile Equipment Identity (IMEI), which is a unique identifier assigned to the cellular modem on the device Example: ***310410595043123***
imsi	The International Mobile Subscriber Identity (IMSI), which is a unique identifier is stored on the phone's SIM card, which is used to identify the user or subscriber of a cellular network. The number includes the country and mobile network to which the subscriber belongs. Example: ***353091058667123***
simSerial	The serial number of the subscriber Identity Module (SIM) card Example: ***89014103265950430123***
currentNetworkName	The name of the network to which the device currently belongs Example: ***Mobifone***
currentNetworkNumericCode	The numeric code of the current network Example: ***45201***
homeNetworkName	The name of the home network Example: ***Mobifone***
homeNetworkNumericCode	The numeric code of the home network Example: ***45201***
phoneNumber	The phone number of the modem Example: ***15555551234***

Data point	Description
cameras	An array of objects, each object contains information about a single camera
id	The identifier of the camera Example: ***CAMERA_FACING_BACK***
description	The description of the camera Example: ***CAMERA_FACING_BACK***
isEnabled	Indicates whether the camera is enabled Possible value: • ***true***: The camera is enabled • ***false***: The camera is disabled
lastConnectedUTC	The date and time (in UNIX Epoch) when the device last connected to the Absolute Monitoring Center Example: ***1610194036623***
hdcStatus	An object containing information about hardware data collection
status	The status of the agent's HDC component on the device Example: ***OK***
isEnabled	The status of the Hardware policy • ***true***: The Hardware policy is activated on the device • ***false***: The Hardware policy is not activated on the device
featureType	The acronym for the hardware collection Example: ***HDC***
lastDataReceivedUTC	The date and time (in UNIX Epoch) when the device's hardware collection was last uploaded to the Absolute Monitoring Center Example: ***1603403406193***
lastUpdated	The date and time (in UNIX Epoch) when the device's Hardware policy was last activated or updated on the device Example: ***1602976232345***
calcStatus	Status of the hardware collection on the device Example: ***OK***
sdcStatus	An object containing information about software data collections
status	The status of the agent's SDC component on the device Example: ***OK***
isEnabled	The status of the Software policy • ***true***: the Software policy is activated on the device • ***false***: the Software policy is not activated on the device

Data point	Description
featureType	The acronym for the software collection Example: ***SDC***
lastDataReceived	The date and time (in UNIX Epoch) when the device's software collection was last uploaded to the Absolute Monitoring Center Example: ***1575111592119***
lastUpdated	The data and time (in UNIX Epoch) when the Software policy was last activated or updated on the device Example: ***1573064903777***
calcStatus	Status of software data collection on the device Example: ***INACTIVE***
dlpStatus	An object containing information about Endpoint Data Discovery (EDD) collection EDD isn't supported on Android devices
isEnabled	The status of the Endpoint Data Discovery policy Possible values: • ***true***: the Endpoint Data Discovery policy is activated on the device • ***false***: the Endpoint Data Discovery policy is not activated on the device
featureType	The acronym for the Endpoint Data Discovery collection Example: ***DLP***
calcStatus	The status of the EDD policy on the device Example: ***INACTIVE***
geoStatus	An object containing information about Geolocation Tracking collection
status	The status of the agent's GEO component on the device Example: ***OK***
isEnabled	The status of the Geolocation Tracking policy Possible values: • ***true***: the Geolocation Tracking policy is activated on the device • ***false***: the Geolocation Tracking policy is not activated on the device
featureType	Identifies the Geolocation Tracking policy Example: ***GEO***
lastDataReceived	The date and time (in UNIX Epoch) when the device's location was last uploaded to the Absolute Monitoring Center Example: ***1605747988701***
lastUpdated	The date and time (in UNIX Epoch) when the Geolocation Tracking policy was last activated or updated on the device Example: ***1605747987701***

Data point	Description
calcStatus	The status of the geolocation collection on the device Example: ***OK***
espStatus	An object containing information about Full-Disk Encryption
isEnabled	The status of the Full-Disk Encryption Status policy Possible values: • ***true***: the Full-Disk Encryption Status feature is activated on the device • ***false***: the Full-Disk Encryption Status feature is not activated on the device
featureType	The acronym for the Full-Disk Encryption collection Example: ***ESP***
duStatus	An object containing information about Device Usage Device usage isn't supported on Android devices
isEnabled	The status of the Device Usage policy • ***true***: the Device Usage policy is activated on the device • ***false***: the Device Usage policy is not activated on the device
featureType	The acronym for the Device Usage collection Example: ***DUR***
dfStatus	An object containing information about the device freeze status of the device
statusCode	The status of the device freeze Possible values: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***:Unfeeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***UFPC***: Unfrozen via passcode - The passcode was entered on the device and the device is no longer frozen. • ***UFAG***: Unfrozen via Agent Call - The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***CNCL***: Canceled - The device Freeze request has been canceled. • ***RMVD***: The request has been removed from Summary report

Data point	Description
displayStatusCode	The status of the device freeze Possible value: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***: Unfreeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center.
statusName	The name of the device freeze status code • ***Freeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Frozen***: The Freeze instructions were processed and a freeze message shows on the device. • ***Unfreeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Unfrozen via Client Passcode***: The passcode was entered on the device and the device is no longer frozen. • ***Unfrozen via Agent Call***: The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***Cancelled***: The device Freeze request has been canceled. • ***The request has been removed from Summary report***: The request has been removed from Summary report.
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
displayPassCode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
changedUtc	The date and time (in UNIX Epoch) when the device freeze status was last updated Example: ***1609935646927***

Data point	Description
dfActionStatus	An object containing information about Device Freeze
statuses	The status of Device Freeze Possible values: • OnDemand • Scheduled • PowerUnplug • Offline
OnDemand	An object containing information about an On Demand device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
Scheduled	An object containing information about a Scheduled device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing device freeze conditions
conditions	An array of objects, each object contains information about the conditions required to freeze the device
scheduledFreezeDate	The date and time when the device is scheduled to be frozen Example: ***2019-05-31T00:00:00.000+0000***
PowerUnplug	An object containing information about a Power Unplug device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device

Data point	Description
unfreezeOnPlug	Whether the device unfreezes when it is plugged back in ***true***: The device is unfrozen when it is plugged back in ***false***: The device remains frozen when it is plugged in
freezeDelaySeconds	The amount of time (in seconds) the device can be unplugged before the device is frozen Example: ***60***
Offline	An object containing information about an Offline device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
status	The Freeze status of the device Example: ***FreezeRequested***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device
secondsUntilFreeze	The amount of time (in seconds) that the device can be offline before the device is frozen Example: ***2592000***
score	The score of the Device Freeze status, which is a sum of weights for each type of status. This score is used to sort the report in the Device Freeze status column. A value of zero (0) indicates that the device does not have outstanding device freeze requests against it, and therefore, is not frozen. The sum is taken from these statuses: • FreezeRequested = 15 • Frozen=300 • FreezeScheduled = 10 • FreezeConditionSet = 5 • FrozenOnSchedule = 200 • FrozenByCondition = 100
cdf	An object containing comma-separated key/value pairs representing custom device field uids and their values The uid can be used in the Custom Device Fields API /v2/cdf/definitions/ endpoints. Example: ***"GRtix6JdRj2u1dCU3CS9wg": "Two", "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"***

Data point	Description
imei	The International Mobile Equipment Identity (IMEI), which is a unique identifier assigned to the cellular modem on the device Example: ***310410595043123***
imsi	The International Mobile Subscriber Identity (IMSI), which is a unique identifier is stored on the phone's SIM card, which is used to identify the user or subscriber of a cellular network. The number includes the country and mobile network to which the subscriber belongs. Example: ***353091058667123***
currentNetworkName	The name of the network to which the device currently belongs Example: ***Mobifone***
homeNetworkName	The name of the home network Example: ***Mobifone***
phoneNumber	The phone number of the modem Example: ***15555551234***
isStolen	Indicates whether this device was reported as stolen Possible value: • ***true***: the device has been reported stolen • ***false***: the devices hasn't been reported stolen
rnr<app> (nested collection) where <*app*> is supported applications **NOTE** Although these data points appear for all device platforms, Application Persistence is only supported on Windows devices See Persisted Applications for a list of supported applications.	
status	The status of the Application Persistence Policy for each <*app*> Disabled or NoCurrentData for Android devices
repairCount	The total number of repairs that succeeded on the device, for the specified <*app*>, over the last 30 days Always zero Android devices Example: ***0***
reinstallCount	The total number of reinstallations that succeeded on the device, for the specified <*app*>, over the last 30 days Always zero for Android devices Example: ***0***
failedCount	The total number of repairs or reinstallations that failed on the device, for the specified <*app*>, over the last 30 days Always zero for Android devices Example: ***0***
persistenceEventCount	The total number of repairs and reinstallations attempted on the device, for the specified <*app*>, over the last 30 days Always zero for Android devices Example: ***0***

Data point	Description
isCTESActive	Indicates whether the device is CTES-enabled Used to check eligibility of the device for actions that require CTES; for example, Absolute Reach (run script, script library) • ***true***: The device is CTES enabled • ***false***: The device isn't CTES enabled
localIp	Last known local IP address of this device Example: ***"172.12.23.34"***
publicIp	Last known public IP address of this device Example: ***172.45.67.89***
publicIpAddress	Decimal version of the public IP address Example: ***2066563987***
localIpAddress	Decimal version of the local IP address Example: ***2886735678***
firstCallUtc	The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center Example: ***1558457192223***
unenrollmentDateUtc	The data and time (in UNIX Epoch) when the device was unenrolled from your account Example: ***1611012360460***
geoData	An object containing information about the device's location
location	An object containing the last location of the device
point	An object containing the location coordinates
x	The estimated latitude (in degrees) where the device is located Example: ***-123.13202***
y	The estimated longitude (in degrees) where the device is located Example: ***49.288162***
type	The type of geolocation data Example: ***Point***
coordinates	An array containing the estimated latitude and longitude (in degrees) where the device is located Example: ***[-123.13202,49.288162]***
geoAddress	An object containing the address where the device is located
city	The city where the device is located Example: ***Vancouver***
state	The state or province where the device is located Example: ***BC***

Data point	Description
countryCode	The country code for the country where the device is located Example: ***CA***
country	The country where the device is located Example: ***Canada***
locationTechnology	The technology used to get the location Example: ***gps***
accuracy	The estimated accuracy (in meters) of the technology used to locate the device Example: ***0***
lastUpdate	The date and time (in UNIX Epoch) when the device last changed its location Example: ***1605747972853***
aspInfo	An object containing information about the device's Android Vulnerabilities
osVersionRisk	Example: ***1***
totalRiskScore	A calculated value, expressed as a percentage, the represents the exposure risk posed by the state of the hardware and software detected on the Android device Example: ***24***
deviceRooted	Indicates whether the device is rooted Possible values: • ***true***: The device is rooted • ***false***: The device isn't rooted
deviceRootedRisk	Example: ***0***
romType	Indicates whether a custom ROM is detected on the device Possible values: • ***CUSTOM*** • ***OEM*** • ***Unknown***
romTypeRisk	Example: ***1***
bootloaderUnlock	Indicates whether the user is able to unlock the device's bootloader Possible values: • ***true***: The user can unlock the bootloader • ***false***: The user cannot unlock the bootloader • ***unknown***: It is unknown whether the user is able to unlock the device's bootloader

Data point	Description
bootloaderUnlockRisk	Example: ***0***
lockScreenProtection	Indicates whether a password, PIN, pattern, or fingerprint is required to unlock the device Possible values: • ***true***: The device needs a login from the lock screen • ***false***: The device doesn't need a login from the lock screen
lockScreenProtectionRisk	Example: ***0***
screenTimeoutSecs	The length of time (in seconds) that can elapse before the idle device is locked Example: ***60***
screenTimeoutSecsRisk	Example: ***1***
deviceEncrypted	Indicates whether the device is encrypted Possible values: • ***true***: The device is encrypted • ***false***: The device isn't encrypted • ***unknown***: It is unknown whether the device is encrypted
deviceEncryptedRisk	Example: ***10***
sdCardEncrypted	Indicates whether the SD card is encrypted Possible values: • ***true***: The SD card is encrypted • ***false***: The SD card isn't encrypted • ***unknown***: It is unknown whether the SD card is encrypted
sdCardEncryptedRisk	Example: ***5***
adbEnabled	Indicates whether the USB debugging setting is enabled on the device Possible values: • ***true***: The debugging setting is enabled on the device • ***false***: The debugging settings isn't enabled on the device
adbEnabledRisk	Example: ***0***
unknownSourceInstall	Indicates whether the Unknown sources settings is enabled on the device Possible values: • ***true***: The Unknown sources settings is enabled • ***false***: The Unknown sources settings isn't enabled
unknownSourceInstallRisk	Example ***0***

Data point	Description
googleAppVerificationLevel	Indicates whether the Verify apps via USB settings is enabled on the device Possible values: • ***None*** • ***Only Google Play*** • ***ALL_APPS*** • ***Unknown***
googleAppVerificationLevelRisk	Example: ***0***
googleAppVerificationFrequency	Indicates whether the Scan device for security threats setting is enabled in Verify Apps Possible values: • ***INSTALL_UPDATE_ONLY***: App verification occurs when an app is installed or updated • ***Install_Upate_Scan***: App verification occurs when an app is installed or updates and periodically • ***Unknown***: It is unknown whether the Scan device for security threats setting is enabled
googleAppVerificationFrequencyRisk	Example: ***2***
nonGoogleAppVerification	Indicates whether a third party (non-Google) anti-malware app is detected on the device Possible values: • ***true***: A third party anti-malware app is detected • ***false***: A third party anti-malware app isn't detected
nonGoogleAppVerificationRisk	Example: ***0***
gsmCertified	Indicates whether the device is a GSM certified device
gsmCertificateRisk	Example: ***0***
lastSecurityUpdateUTCRisk	Example: ***4***
lastMacAddressChangeDays	The number of days since the Mac address last changed Example: ***1698***
lastMacAddressChangDaysRisk	Example: ***0***
lastImeiChangeDays	The number of days since the IMEI last changed Example: ***1698***
lastImeiChangeDaysRisk	Example: ***0***
lastImsiChangeDays	The number of days since the IMSI last changed Example: ***1698***

Data point	Description
lastImsiChangeDaysRisk	Example: ***0***
lastFactoryResetDays	The last time (in days) the device had a factory reset Example: ***1698***
lastFactoryResetDaysRisk	Example: ***0***

Example: Response for a successful request on an Android device

The following response is for a successful call for a single Android device. For demonstration purposes, a value is provided for most parameters. Your results may contain fewer parameters. To simplify the results:

- arrays that can have more than one object, such as *networkAdapters* only contain one object
- only one of the applications for rnr<app> objects is included


```
[
  {
    "id": "f3819afe-xxxx-4279-8fca-91ec4a0c6c1c",
    "esn": "1L0XXXXB2JAA3KSB0006",
    "accountUid": "be8eb674-xxxx-11d4-8835-00c04f72c2df",
    "lastUpdatedUtc": 1617303548722,
    "agentStatus": "A",
    "platformOSType": "Android",
    "systemName": "LENOVO K33a42",
    "systemManufacturer": "Lenovo",
    "systemModel": "LENOVO K33A42",
    "serial": "C07QG5L3G1HV",
    "rilSerial": "R58J123KXHH",
    "totalPhysicalRamBytes": 7458869248,
    "availablePhysicalRamBytes": 6104248,
    "bios": {
      "id": "1",
      "version": "Lenovo/karate/K33a42:7.0/NRD90N/K33_S223_170610_ROW:user/release-keys"
    },
    "cpu": {
      "id": "ARMv7 Processor rev 4 (v7l)",
      "name": "ARMv7 Processor rev 4 (v7l)",
      "processorSpeed": 1400
    },
    "disks": [
      {
        "id": "/storage/sdcard0",
        "description": "Non Removable SSD- /storage/sdcard0",
        "mediaType": "BUILT-IN STORAGE",
        "sizeBytes": 12829474816
      }
    ],
    "displays": [
      {
        "id": "DesktopMonitor1",
        "name": "Generic PnP Monitor",
        "horizontalResolution": 720,
        "verticalResolution": 1280,
```

```
        "resolution": "720 X 1280"
      }
    ],
    "networkAdapters": [
      {
        "id": "1",
        "name": "Android Wifi Adapter: \"Guest\"",
        "adapterType": "WiFi",
        "ipV4Address": "172.20.12.78",
        "ipV6Address": " fe80::3d47:4393:b4f0:9bf5",
        "macAddress": "A0:1D:48:15:23:46",
        "speed": 100000000,
        "networkSSID": "Android Wifi Adapter: \"Guest\""
      }
    ],
    "os": {
      "name": "Android OS",
      "version": "9",
      "lastSecureUpdated": 1596240000000
    },
    "volumes": [
      {
        "id": "/storage/sdcard0",
        "name": "BUILT-IN STORAGE",
        "freeSpaceBytes": 12517883904,
        "sizeBytes": 12829474816
      }
    ],
    "deviceGroupIds": [
      "1105a907-97f2-4c93-9ad8-c3717163a345",
      "8194f017-7f9c-4a1e-9dc7-645ccf8123df"
    ],
    "policyGroupUid": "a7e2d646-9416-4b15-bbb3-095fe665a456",
    "policyGroupName": "ADMIN1",
    "src": "upld",
    "origin": "etl",
    "bluetoothAdapters": [
      {
        "id": "1",
        "isEnabled": false,
        "address": "8A:BC:D6:95:D7:4A"
      }
    ],
    "cellularModems": [
      {
        "id": "1",
        "type": "GSM",
        "enabled": false,
        "imei": "310410595043123",
        "imsi": "353091058667123",
        "simSerial": 89014103265950430123,
        "currentNetworkName": "Mobifone",
        "currentNetworkNumericCode": 45201,
        "homeNetworkName": "Mobifone",
        "homeNetworkNumericCode": 45201,
```

```
        "phoneNumber": "15555551234"
       }
    ],
    "cameras": [
      {
        "id": "CAMERA_FACING_BACK",
        "name": "CAMERA_FACING_BACK",
        "isEnabled": "false"
      }
    ],
    "lastConnectedUtc": 1617202046280,
    "hdcStatus": {
      "status": "OK",
      "isEnabled": true,
      "featureType": "HDC",
      "lastDataReceived": 1603403406193,
      "lastUpdated": 1602976232345,
      "calcStatus": "OK"
    },
    "sdcStatus": {
      "status": "ERROR_FAILED_DOWNLOAD_POLICY",
      "statusCode": 9,
      "isEnabled": true,
      "featureType": "SDC",
      "lastDataReceived": 1575111592119,
      "lastUpdated": 1573064903777,
      "calcStatus": "ERROR"
    },
    "dlpStatus": {
      "status": "ERROR_FAILED_DOWNLOAD_POLICY",
      "statusCode": "10",
      "isEnabled": true,
      "featureType": "DLP",
      "lastDataReceived": 1575111592119,
      "lastUpdated": 1573064903777,
      "calcStatus": "ERROR"
    },
    "geoStatus": {
      "status": "OK",
      "statusCode": 0,
      "isEnabled": "true",
      "featureType": "GEO",
      "lastDataReceived": 1605747988701,
      "lastUpdated": 1605747987701,
      "calcStatus": "OK"
    },
    "espStatus": {
      "isEnabled": true,
      "featureType": "ESP"
    },
    "duStatus": {
      "isEnabled": false,
      "featureType": "DUR"
    },
    "dfStatus": {
```

```
      "statusCode": "RMVD",
      "statusName": "The request has been removed from Summary report",
      "passCode": "12345678",
      "displayStatusCode": "12345678"
    },
    "cdf": {
      "GRtix6JdRj2u1dCU3CS9wg": "Two",
      "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"
    },
    "isStolen": false,
    "rnrMCAFEEAGENT": {
      "status": "Disabled",
      "repairCount": 0,
      "reinstallCount": 0,
      "failedCount": 0,
      "persistentEventCount": 0
    },
    "rrCountSummary": {
      "repairCount": 0,
      "reinstallCount": 0,
      "persistentEventCount": 0,
      "failedCount": 0
    },
    "isCTESActive": true,
    "localIp": "172.12.23.34",
    "publicIp": "172.45.67.89",
    "publicIpAddress": 2066563987,
    "localIpAddress": 2886735678,
    "firstCallUtc": 1558457192223,
    "geoData": {
      "location": {
        "point": {
          "x": -123.13202,
          "y": 49.288162,
          "type": "Point",
          "coordinates": [
            -123.13202,
            49.288162
          ]
        },
        "geoAdress": {
          "city": "Vancouver",
          "state": "British Columbia",
          "countryCode": "CA",
          "country": "Canada"
        },
        "locationTechnology": "gps",
        "accuracy": 10,
        "lastUpdated": 1605747972853
      }
    }
  }
]
```

Response parameters for Chromebook devices

The following table describes the available inventory of data that you can retrieve for each managed Chromebook device.

Data point	Description
id	The ID assigned by the manufacturer Example: ***f3819afe-xxxx-4279-8fca-91ec4a0c6c1c***
esn	The unique Electronic Serial Number (ESN) that is assigned to the agent installed on the device Example: ***1L0XXXXB2JAA3KSB0006***
accountUid	The unique ID associated with this Absolute account Example: ***be8eb674-xxxx-11d4-8835-00c04f72c2df***
lastUpdatedUtc	The date and time (in UNIX Epoch) when a device's hardware information was last updated in the database Example: ***1617257585830***
agentStatus	The status of the agent on the device Possible values: • ***A***: The agent is active and has connected to the Absolute Monitoring Center • ***D***: The agent is disabled is either flagged for removal or removed from the device • ***I***: The agent is inactive and has not yet connected to the Absolute Monitoring Center
platformOSType	The operating system of the device Example: ***Chrome***
systemName	System name assigned to the device in the operating system Example: ***Chrome***
systemManufacturer	Manufacturer of the device Example: ***Chromebook***
systemModel	Product name from the manufacturer Example: ***ASUS CHROMEBOOK FLIP C213***
systemType	System running on the device Example: ***Chrome***
serial	Identification number that is assigned to the device by the device manufacturer Example: ***C07QG5L3G1HV***
locale	Language identifier used by the operating system Example: ***English (United States)***

Data point	Description
username	The username of the user who was logged in to the device when an agent connection occurred If no user was logged in during the most recent agent connection, the last detected username shows Example: ***bob@absolute.com***
currentUsername	Username of the user that was logged in during the most recent agent connection Example: ***bob@absolute.com***
totalPhysicalRamBytes	The total size (in bytes) of the physical memory Example: ***4012900352***
availablePhysicalRamBytes	The amount (in bytes) of physical memory currently unused and available Example: ***943251456***
bios	An object containing information about the BIOS
id	Unique identifier of this BIOS Example: ***1***
version	Version of the BIOS as reported from the Google Admin console Example: ***Google_Butterfly.2788.39.0***
cpu	An object containing information about the CPU
id	The unique identifier of the processor of the system Chromebook devices return a value of 1 Example: ***1***
name	The label by which the object is known Example: ***Intel(R) Celeron(R) CPU N3350 @ 1.10GHz***
architecture	Processor architecture used by the platform Example: ***x86_64***
processorNumber	The number of processors Example: ***2***
processorSpeed	Current speed (in megahertz) of the processor Example: ***1100***
disks	An array of objects, each object represents on disk drive
id	The unique identifier of the disk drive with other devices on the system Example: ***ed8772d8-bfe9-4bb6-ab2c-94df796a6b72***
name	Name of the disk drive Example: ***/mnt/stateful_partition***

Data point	Description
description	A description of the disk drive Example: ***Non-removable storage - ed8772d8-bfe9-4bb6-aa2e-94bf796a6b72***
mediaType	The type of media used or accessed by this device Example: ***BUILT-IN STORAGE***
sizeBytes	The size (in bytes) of the disk drive Example: ***11301552128***
displays	An array of objects, each object contains information about a single display
id	The unique identifier of the display Example: ***13761487533244416***
name	Name of the display Example: ***Internal Display***
height	The logical height of the display in screen coordinates Example: ***768***
width	The logical width of the display in screen coordinates Example: ***1366***
horizontalResolution	Number of horizontal pixels Example: ***1366***
verticalResolution	Number of vertical pixels Example: ***768***
resolution	Resolution of the display Example: ***1366X768***
memories	An array of objects, each object contains information about a single memory device
id	The unique identifier of the physical memory Example: ***1***
sizeBytes	The total capacity (in bytes) of the physical memory Example: ***4075675648***
networkAdapters	An array of objects, each object contains information about a single network adapter
id	The unique identifier of the network adapter Example: ***wlan0***
name	The name of the network adapter Example: ***wlan0***

Data point	Description
adapterType	The network medium in use Example: ***WiFi***
ipV4Address	Array of all of the IPv4 addresses associated with the current network adapter Example: ***172.20.12.78***
macAddress	Media access control (MAC) address for this network adapter Example: ***A0:1D:48:15:23:46***
os	An object containing information about the operating system
architecture	The architecture of the operating system Example: ***x86-64***
name	The short description of the operating system expressed as a one-line string that includes the version of the operating system Example: ***Chrome OS***
version	The version of the operating system Example: ***65.0.3325.209***
agentVersion	The version number of the Absolute Agent for the operating system Example: ***2495***
ctesVersion	The version number of the Absolute Enhanced Agent Example: ***2495***
deviceGroupIds	An array of identifiers of the device groups that the device belongs to Example: ***"1105a907-97f2-4c93-9ad8-c3717163a345", "8194f017-7f9c-4a1e-9dc7-645ccf8123df"***
policyGroupUid	The unique identifier of the policy group that the device belongs to Example: ***a7e2d646-9416-4b15-bbb3-095fe665a456***
policyGroupName	The name of the policy group to that the device belongs to Example: ***ADMIN1***
src	How the device was created in the system Possible values: • ***agent call*** • ***extract*** • ***transform*** • ***etl***: load • ***upld***: upload

Data point	Description
origin	The Absolute interface field that identifies the source of the field source • ***classic extract*** • ***transform*** • ***etl***: load • ***upld***: uploaded from the device
lastConnectedUTC	The date and time (in UNIX Epoch) when the device last connected to the Absolute Monitoring Center Example: ***1610194036623***
hdcStatus	An object containing information about hardware data collection
status	The status of the agent's HDC component on the device Example: ***OK***
isEnabled	The status of the Hardware policy • ***true***: The Hardware policy is activated on the device • ***false***: The Hardware policy is not activated on the device
featureType	The acronym for the hardware collection Example: ***HDC***
lastDataReceivedUTC	The date and time (in UNIX Epoch) when the device's hardware collection was last uploaded to the Absolute Monitoring Center Example: ***1603403406193***
lastUpdated	The date and time (in UNIX Epoch) when the device's Hardware policy was last activated or updated on the device Example: ***1602976232345***
calcStatus	Status of the hardware collection on the device Example: ***OK***
sdcStatus	An object containing information about software data collections Software policies aren't supported on Chromebook devices
isEnabled	The status of the Software policy • ***false***: the Software policy is not activated on the device
featureType	The acronym for the software collection Example: ***SDC***
calcStatus	Status of software data collection on the device Example: ***INACTIVE***

Data point	Description
dlpStatus	An object containing information about Endpoint Data Discovery (EDD) policy EDD isn't supported on Chromebook devices
isEnabled	The status of the Endpoint Data Discovery policy Possible values: • ***true***: the Endpoint Data Discovery policy is activated on the device • ***false***: the Endpoint Data Discovery policy is not activated on the device
featureType	The acronym for the Endpoint Data Discovery collection Example: ***DLP***
calcStatus	The status of the EDD policy on the device Example: ***INACTIVE***
geoStatus	An object containing information about Geolocation Tracking collection
status	The status of the agent's GEO component on the device Example: ***OK***
isEnabled	The status of the Geolocation Tracking policy Possible values: • ***true***: the Geolocation Tracking policy is activated on the device • ***false***: the Geolocation Tracking policy is not activated on the device
featureType	Identifies the Geolocation Tracking policy Example: ***GEO***
lastDataReceived	The date and time (in UNIX Epoch) when the device's location was last uploaded to the Absolute Monitoring Center Example: ***1605747988701***
lastUpdated	The date and time (in UNIX Epoch) when the Geolocation Tracking policy was last activated or updated on the device Example: ***1605747987701***
calcStatus	The status of the geolocation collection on the device Example: ***OK***
espStatus	An object containing information about Full-Disk Encryption Full Disk Encryption isn't supported on Chromebook devices
isEnabled	The status of the Full-Disk Encryption Status policy Possible values: • ***true***: the Full-Disk Encryption Status feature is activated on the device • ***false***: the Full-Disk Encryption Status feature is not activated on the device

Data point	Description
featureType	The acronym for the Full-Disk Encryption collection Example: ***ESP***
duStatus	An object containing information about Device Usage
isEnabled	The status of the Device Usage policy • ***true***: the Device Usage policy is activated on the device • ***false***: the Device Usage policy is not activated on the device
featureType	The acronym for the Device Usage collection Example: ***DUR***
dfStatus	An object containing information about the device freeze status of the device
statusCode	The status of the device freeze Possible values: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***:Unfeeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***UFPC***: Unfrozen via passcode - The passcode was entered on the device and the device is no longer frozen. • ***UFAG***: Unfrozen via Agent Call - The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***CNCL***: Canceled - The device Freeze request has been canceled. • ***RMVD***: The request has been removed from Summary report

Data point	Description
displayStatusCode	The status of the device freeze Possible value: • ***FRRQ***: Freeze requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***FRZN***: Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***OFFZ***: Offline Frozen - The Freeze instructions were processed and a freeze message shows on the device. • ***UFRQ***: Unfreeze Requested - The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center.
statusName	The name of the device freeze status code • ***Freeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Frozen***: The Freeze instructions were processed and a freeze message shows on the device. • ***Unfreeze Requested***: The request was submitted in the Absolute console and is waiting for the device's Absolute agent to connect to the Absolute Monitoring Center. • ***Unfrozen via Client Passcode***: The passcode was entered on the device and the device is no longer frozen. • ***Unfrozen via Agent Call***: The device's Absolute agent connected to the Absolute Monitoring Center and the Unfreeze request has been processed on the device. • ***Cancelled***: The device Freeze request has been canceled. • ***The request has been removed from Summary report***: The request has been removed from Summary report.
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
displayPassCode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
changedUtc	The date and time (in UNIX Epoch) when the device freeze status was last updated Example: ***1609935646927***

Data point	Description
dfActionStatus	An object containing information about a device freeze request
statuses	The type of device freeze request Possible values: • ***OnDemand***: The device is frozen on the next agent connection • ***Scheduled***: The device is frozen on or after a specified date • ***PowerUnplug***: The device is frozen if the power is unplugged • ***Offline***: The device is frozen if the device is offline
OnDemand	An object containing information about an on demand device freeze request
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
Scheduled	An object containing information about a Scheduled device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device
scheduledFreezeDate	The date and time when the device is scheduled to be frozen Example: ***2019-05-31T00:00:00.000+0000***
PowerUnplug	An object containing information about a Power Unplug device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device

Data point	Description
unfreezeOnPlug	Whether the device unfreezes when it is plugged back in ***true***: The device is unfrozen when it is plugged back in ***false***: The device remains frozen when it is plugged in
freezeDelaySeconds	The amount of time (in seconds) the device can be unplugged before the device is frozen Example: ***60***
Offline	An object containing information about an Offline device freeze
passcode	The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: ***12345678***
updatedUTC	The date and time (in UNIX Epoch) when the change in status occurred Example: ***1606427988586***
extras	An object containing additional information about the device freeze
conditions	An array of objects, each object contains information about the conditions required to freeze the device
secondsUntilFreeze	The amount of time (in seconds) that the device can be offline before the device is frozen Example: ***2592000***
score	The score of the Device Freeze status, which is a sum of weights for each type of status. This score is used to sort the report in the Device Freeze status column. A value of zero (0) indicates that the device does not have outstanding device freeze requests against it, and therefore, is not frozen. The sum is taken from these statuses: • FreezeRequested = 15 • Frozen=300 • FreezeScheduled = 10 • FreezeConditionSet = 5 • FrozenOnSchedule = 200 • FrozenByCondition = 100
cdf	An object containing comma-separated key/value pairs representing custom device field uids and their values The uid can be used in the Custom Device Fields API /v2/cdf/definitions/ endpoints. Example: ***"GRtix6JdRj2u1dCU3CS9wg": "Two", "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"***

Data point	Description
isStolen	Indicates whether this device was reported as stolen Possible value: • ***true***: the device has been reported stolen • ***false***: the devices hasn't been reported stolen
rnr<app> (nested collection) where <*app*> is supported applications **NOTE** Although these data points appear for all device platforms, Application Persistence is only supported on Windows devices See Persisted Applications for all of the supported applications.	
status	The status of the Application Persistence Policy for each <*app*> Example: ***Disabled***
repairCount	The total number of repairs that succeeded on the device, for the specified <*app*>, over the last 30 days Always zero for Chromebook devices Example: ***0***
reinstallCount	The total number of reinstallations that succeeded on the device, for the specified <*app*>, over the last 30 days Always zero for Chromebook devices Example: ***0***
failedCount	The total number of repairs or reinstallations that failed on the device, for the specified <*app*>, over the last 30 days Always zero for Chromebook devices Example: ***0***
persistenceEventCount	The total number of repairs and reinstallations attempted on the device, for the specified <*app*>, over the last 30 days Always zero for Chromebook devices Example: ***0***
isCTESActive	Indicates whether the device is CTES-enabled Used to check eligibility of the device for actions that require CTES; for example, Absolute Reach (run script, script library) • ***true***: The device is CTES enabled • ***false***: The device isn't CTES enabled
localIp	Last known local IP address of this device Example: ***172.12.23.34***
publicIp	Last known public IP address of this device Example: ***172.45.67.89***
publicIpAddress	Decimal version of the public IP address Example: ***2066563987***
localIpAddress	Decimal version of the local IP address Example: ***2886735678***

Data point	Description
avgMinutesInUse	The daily usage (in minutes) of a device, averaged over the 30 days prior to the most recent agent check-in Days with no usage are not included in the calculation Example: ***345***
classification	The average level of daily usage of the device • ***heavilyUsed***: More than 8 hours • ***moderatelyUsed***: 4 - 8 hours • ***slightlyUsed***: 1 - 4 hours • ***notUsed***: Less than 1 hour
firstCallUtc	The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center Example: ***1558457192223***
unenrollmentDateUtc	The data and time (in UNIX Epoch) when the device was unenrolled from your account Example: ***1611012360460***
geoData	An object containing information about the device's location
location	An object containing the last location of the device
point	An object containing the location coordinates
x	The estimated latitude (in degrees) where the device is located Example: ***-123.13202***
y	The estimated longitude (in degrees) where the device is located Example: ***49.288162***
type	The type of geolocation data Example: ***Point***
coordinates	An array containing the estimated latitude and longitude (in degrees) where the device is located Example: ***[-123.13202,49.288162]***
geoAddress	An object containing the address where the device is located
city	The city where the device is located Example: ***Vancouver***
state	The state or province where the device is located Example: ***BC***
countryCode	The country code for the country where the device is located Example: ***CA***
country	The country where the device is located Example: ***Canada***

Data point	Description
locationTechnology	The technology used to get the location Example: ***gps***
accuracy	The estimated accuracy (in meters) of the technology used to locate the device Example: ***0***
lastUpdate	The date and time (in UNIX Epoch) when the device last changed its location Example: ***1605747972853***

Example: Response for a successful request on a Chromebook device

The following response is for a successful call for a single Chromebook device. For demonstration purposes, a value is provided for most parameters. Your results may contain fewer parameters. To simplify the results:

- arrays that can have more than one object, such as *networkAdapters* only contain one object
- only one of the applications for rnr<app> objects is included


```
[
  {
    "id": "f3819afe-xxxx-4279-8fca-91ec4a0c6c1c",
    "esn": "1L0XXXXB2JAA3KSB0006",
    "accountUid": "be8eb674-xxxx-11d4-8835-00c04f72c2df",
    "lastUpdatedUtc": 1617303548722,
    "agentStatus": "A",
    "platformOSType": "Chrome",
    "systemName": "Chrome",
    "systemManufacturer": "Chromebook",
    "systemModel": "ASUS CHROMEBOOK FLIP C213",
    "systemType": "Chrome",
    "serial": "C07QG5L3G1HV",
    "locale": "English (United States)",
    "username": "bob@absolute.com",
    "currentUsername": "bob@absolute.com",
    "totalPhysicalRamBytes": 7458869248,
    "availablePhysicalRamBytes": 6104248,
    "totalVirtualMemoryBytes": 14624084,
    "bios": {
      "id": "1",
      "releaseDate": 1570492800000,
      "version": "Google_Butterfly.2788.39.0"
    },
    "cpu": {
      "id": "1",
      "name": "Intel(R) Celeron(R) CPU N3350 @ 1.10GHz",
      "architecture": "x86_64",
      "processorNumber": 2,
      "processorSpeed": 1100
    },
    "disks": [
      {
        "id": "13761487533244416",
```

```
      "name": "Internal Display",
      "description": "Non-removable storage - ed8772d8-bfe9-4bb6-aa2e-94bf796a6b72",
      "mediaType": "BUILT-IN STORAGE",
      "sizeBytes": 11301552128
    }
  ],
  "displays": [
    {
      "id": "13761487533244416",
      "name": "Internal Display",
      "adapterDescription": "Intel(R) HD Graphics Family",
      "height": 768,
      "width": 1366,
      "horizontalResolution": 1366,
      "verticalResolution": 768,
      "resolution": "1366X768"
    }
  ],
  "memories": [
    {
      "id": "1",
      "sizeBytes": 4075675648
    }
  ],
  "networkAdapters": [
    {
      "id": "wlan0",
      "name": "wlan0",
      "adapterType": "WiFi",
      "ipV4Address": "172.20.12.78",
      "macAddress": "A0:1D:48:15:23:46"
    }
  ],
  "os": {
    "architecture": "x86-64",
    "name": "Chrome OS",
    "version": "65.0.3325.209"
  },
  "agentVersion": "2495",
  "ctesVersion": "2495",
  "deviceGroupIds": [
    "1105a907-97f2-4c93-9ad8-c3717163a345",
    "8194f017-7f9c-4a1e-9dc7-645ccf8123df"
  ],
  "policyGroupUid": "a7e2d646-9416-4b15-bbb3-095fe665a456",
  "policyGroupName": "ADMIN1",
  "src": "upld",
  "origin": "etl",
  "lastConnectedUtc": 1617202046280,
  "hdcStatus": {
    "status": "OK",
    "isEnabled": true,
    "featureType": "HDC",
    "lastDataReceived": 1603403406193,
    "lastUpdated": 1602976232345,
```

```
      "calcStatus": "OK"
    },
    "sdcStatus": {
      "isEnabled": false,
      "featureType": "SDC",
      "calcStatus": "INACTIVE"
    },
    "dlpStatus": {
      "isEnabled": false,
      "featureType": "DLP",
      "calcStatus": "INACTIVE"
    },
    "geoStatus": {
      "status": "OK",
      "isEnabled": "true",
      "featureType": "GEO",
      "lastDataReceived": 1605747988701,
      "lastUpdated": 1605747987701,
      "calcStatus": "OK"
    },
    "espStatus": {
      "isEnabled": false,
      "featureType": "ESP"
    },
    "duStatus": {
      "isEnabled": true,
      "featureType": "DUR"
    },
    "dfStatus": {
      "statusCode": "UFAG",
      "statusName": "Unfrozen via Agent Call",
      "passCode": "12345678",
      "displayStatusCode": "12345678"
    },
    "cdf": {
      "GRtix6JdRj2u1dCU3CS9wg": "Two",
      "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"
    },
    "isStolen": false,
    "rnrDellDG": {
      "status": "Disabled",
      "repairCount": 0,
      "reinstallCount": 0,
      "failedCount": 0,
      "persistentEventCount": 0
    },
    "rrCountSummary": {
      "repairCount": 0,
      "reinstallCount": 0,
      "persistentEventCount": 0,
      "failedCount": 0
    },
    "isCTESActive": true,
    "localIp": "172.12.23.34",
    "publicIp": "172.45.67.89",
```

```
    "publicIpAddress": 2066563987,
    "localIpAddress": 2886735678,
    "avgMinutesInUse": 345,
    "classification": "moderatelyUsed",
    "firstCallUtc": 1558457192223,
    "geoData": {
      "location": {
        "point": {
          "x": -123.13202,
          "y": 49.288162,
          "type": "Point",
          "coordinates": [
            -123.13202,
            49.288162
          ]
        },
        "geoAdress": {
          "city": "Vancouver",
          "state": "British Columbia",
          "countryCode": "CA",
          "country": "Canada"
        },
        "locationTechnology": "gps",
        "accuracy": 10,
        "lastUpdated": 1605747972853
      }
    }
  }
]
```


Errors

The following table lists the possible status codes and messages that may be returned when using this API.

Status code	Message	Action
401 Unauthorized	The Authentication failed.	Verify that the correct Token ID and Secret key were used in the authentication.
404 Not Found	Could not find the device report.	Verify that the identifier of the device is correct.
500 Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

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