

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 use [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	<ul style="list-style-type: none"> strings (enclosed in single quotation marks) numbers Boolean values datetime 	<p>Identifies all the devices that are managed by your account that meet the specified criteria</p> <p>Examples:</p> <p>To view a list of all devices with an Active status</p> <ul style="list-style-type: none"> \$filter=agentStatus eq 'A' URL encoded: GET /v2/reporting/devices?%24filter=agentStatus%20eq%20%27A%27 <p>To view a list of all devices that have a connection date/time less than or equal to January 1, 2021 at midnight (yyyy-mm-ddThh:mm:ssZ):</p> <ul style="list-style-type: none"> \$filter=lastConnectedUtc le datetime'2021-01-01T00:00:00Z' URL encoded: GET /v2/reporing/devices?%24filter=lastConnectedUtc%20le%20datetime%272021-01-01T00%3A00%3A00Z%27
\$orderby	string	<p>Sorts the resulting list according to the properties that you provide</p> <p>Example: to search by Identifier in ascending order (\$orderby=Identifier asc): GET /v2/reporting/devices?%24orderby=Identifier%20asc</p>
\$select	string (as a comma-separated list of selection clauses)	<p>Returns only those fields listed in the query for all devices that are managed by your account</p> <p>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</p>
\$skip	integer	<p>Excludes the number of specified results from the search</p> <p>Use with the \$top option to paginate the data in batches</p> <p>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</p>
\$top	integer	<p>Returns the first <n> elements from the search, where <n> is an integer that is equal to zero or greater</p> <p>Example: to limit the number of records returned to the first 10 (\$top=10): GET /v2/reporting/devices?%24top=10</p>

See *Filtering and sorting* in [Working with Absolute APIs](#) for more information.

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: 56be8d1f-2eb8-4e9b-bbd6-1aab032abcde
esn	The unique ESN (Identifier) assigned to the agent installed on the device Example: 1R4JRVF14GAA3YH90008
accountUid	The unique ID associated with this Absolute account Example: e7a9fb73-44b0-4f5d-990b-39ff884425eb
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	<p>The status of the agent on the device</p> <p>Possible values:</p> <ul style="list-style-type: none"> • A: The Absolute agent is active and has connected to the Absolute Monitoring Center For Chromebook devices, the device has synced with the Absolute Monitoring Center or the device has synced and the Absolute for Chromebooks extension has been deployed to the device • 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	<p>The operating system of the device</p> <p>Example: Windows</p>
fullSystemName	<p>The full name assigned to the device consisting of the system name and the domain name</p> <p>Example: LPTP_Bob.MYCOMPANY</p>
systemName	<p>The name assigned to the device</p> <p>Example: LPTP_Bob</p>
systemManufacturer	<p>The manufacturer of the device</p> <p>Example: Dell</p>
systemModel	<p>The product name from the manufacturer</p> <p>Example: OPTIPLEX 9020</p>
systemType	<p>The system running on the Windows-based computer</p> <p>Example: X64-based PC</p>
serial	<p>The manufacturer-defined unique identifier assigned to the device May correspond to the serial number of the BIOS, the motherboard, or the chassis, depending on the manufacturer</p> <p>Example: CNF83051BN</p>
systemDirectory	<p>The directory of the operating system</p> <p>Example: C: WINDOWS system32</p>
bootDevice	<p>The name of the disk drive from which the Windows operating system starts</p> <p>Example: Device HarddiskVolume1</p>
locale	<p>The language identifier used by the operating system</p> <p>Example: English (United States)</p>
username	<p>The unique username of the user that was logged in to the device at the time of the most recent agent call If no user was logged in during the last agent call, last detected username is used</p> <p>Example: bob</p>

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: bob
timeZone	The time zone represented when daylight savings time is in effect Example: Pacific Daylight Time
totalPhysicalRamBytes	The amount (in bytes) of physical 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: 2280SMPDELL MC34Y51
name	The name of the battery Example: DELL MC34Y51
estimatedRunTime	The 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 manufacturer-defined unique identifier of the battery Example: 2280SMPDELL MC34Y51

Data point	Description
capacity	The capacity (in milliwatt-hours) of the battery If 0 , this property isn't supported Example: 1000
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 <ul style="list-style-type: none"> 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

Data point	Description
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
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: <ul style="list-style-type: none"> • 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

Data point	Description
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 <ul style="list-style-type: none"> • true: There is media in the drive • false: There is no media in the drive
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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

Data point	Description
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
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: <ul style="list-style-type: none"> • External hard disk media • Removable media other than floppy • Fixed hard disk media • 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: 14TSC50ST

Data point	Description
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
status	The current status of the disks Possible values: <ul style="list-style-type: none"> • 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

Data point	Description
driverVersion	The version of the driver used for the display Example: 8.15.1.50
height	The pixel height of the display Example: 900
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

Data point	Description
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
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 <ul style="list-style-type: none"> • 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

Data point	Description
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
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 <ul style="list-style-type: none"> • 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

Data point	Description
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
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 Update 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

Data point	Description
otherOSDescription	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
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&3B99ECD&0
powerManagementSupported	Indicates whether the device supports power management <ul style="list-style-type: none"> 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

Data point	Description
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
manufacturer	Name of the manufacturer of the sound device Example: Advanced Micro Devices
status	Current status of the sound device Example: OK
pnpdeviceld	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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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

Data point	Description
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
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: <ul style="list-style-type: none"> • agent call • extract • transform • etf: load • upld: upload

Data point	Description
origin	The Absolute interface field that identifies the source of the field source Possible values: <ul style="list-style-type: none"> • 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
statusCode	An integer that maps to the status Example: 0
isEnabled	The status of the Hardware policy <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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

Data point	Description
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: <ul style="list-style-type: none"> • 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

Data point	Description
isEnabled	<p>The status of the Geolocation Tracking policy</p> <p>Possible values:</p> <ul style="list-style-type: none"> • true: the Geolocation Tracking policy is activated on the device • false: the Geolocation Tracking policy is not activated on the device
featureType	<p>Identifies the Geolocation Tracking policy</p> <p>Example: GEO</p>
lastDataReceived	<p>The date and time (in UNIX Epoch) when the device's location was last uploaded to the Absolute Monitoring Center</p> <p>Example: 1605747988701</p>
lastUpdated	<p>The date and time (in UNIX Epoch) when the Geolocation Tracking policy was last activated or updated on the device</p> <p>Example: 1605747987701</p>
calcStatus	<p>The status of the Geolocation Tracking policy on the device</p> <p>Example: OK</p>
espStatus	<p>An object containing information about Full-Disk Encryption</p>
isEnabled	<p>The status of the Full-Disk Encryption Status policy</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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	<p>The acronym for the Full-Disk Encryption collection</p> <p>Example: ESP</p>
duStatus	<p>An object containing information about Device Usage</p>
isEnabled	<p>The status of the Device Usage policy</p> <ul style="list-style-type: none"> • true: the Device Usage policy is activated on the device • false: the Device Usage policy is not activated on the device
featureType	<p>The acronym for the Device Usage collection</p> <p>Example: DUR</p>
dfStatus	<p>An object containing information about the device freeze status of the device</p>
statusCode	<p>The status of the device freeze</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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.

Data point	Description
	<ul style="list-style-type: none"> • 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. • 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	<p>The status of the device freeze Possible value:</p> <ul style="list-style-type: none"> • 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	<p>The name of the device freeze status code</p> <ul style="list-style-type: none"> • 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.

Data point	Description
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: <ul style="list-style-type: none"> • OnDemand • Scheduled • 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
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

Data point	Description
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	<p>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.</p> <p>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:</p> <ul style="list-style-type: none"> • FreezeRequested = 15 • FreezeConditionSet = 5 • Frozen=300 • FrozenOnSchedule = 200 • FreezeScheduled = 10 • FrozenByCondition = 100
cdf	<p>An object containing comma-separated key/value pairs representing custom device field uids and their values</p> <p>The uid can be used in the Custom Device Fields API /v2/cdf/definitions/ endpoints.</p> <p>Example: "GRtix6JdRj2u1dCU3CS9wg": "Two", "wzJLUR3iS66FpfCj83FnwA": "No Asset Tag"</p>
isStolen	<p>Indicates whether this device was reported as stolen</p> <p>Possible value:</p> <ul style="list-style-type: none"> • true: the device has been reported stolen • false: the devices hasn't been reported stolen
<p>nr<app> where <app> is one of the supported applications</p>	
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

Data point	Description
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
statusDetails	If an <app> is non-compliant, shows the application components that were checked during the status check See <i>Understanding status details for a persisted application</i> 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

Data point	Description
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
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 <ul style="list-style-type: none"> 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 <i>Detected anti-malware products</i> 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

Data point	Description
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 <i>Detected full-disk encryption products</i> 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
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: <ul style="list-style-type: none"> • 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

Data point	Description
allDrivesEncrypted	<p>Indicates whether all drives have been encrypted USB drives and network drives are ignored Possible values:</p> <ul style="list-style-type: none"> • 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	<p>The chassis type from the System Enclose or Chassis structure in the SMBIOS information Values correspond to ChassisTypes in the Win32_SystemEnclosure WMI class. Example: 10 - Corresponds to a Notebook</p>
avgMinutesInUse	<p>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</p>
classification	<p>The average level of daily usage of the device</p> <ul style="list-style-type: none"> • heavilyUsed: More than 8 hours • moderatelyUsed: 4 - 8 hours • slightlyUsed: 1 - 4 hours • notUsed: Less than 1 hour
firstCallUtc	<p>The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center Example: 1558457192223</p>
unenrollmentDateUtc	<p>The data and time (in UNIX Epoch) when the device was unenrolled from your account Example: 1611012360460</p>
geoData	<p>An object containing information about the device's location</p>
location	<p>An object containing the last location of the device</p>
point	<p>An object containing the location coordinates</p>
x	<p>The estimated latitude (in degrees) where the device is located Example: -123.13202</p>
y	<p>The estimated longitude (in degrees) where the device is located Example: 49.288162</p>
type	<p>The type of geolocation data Example: Point</p>

Data point	Description
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

Persisted Applications

- rnrANYCONNECT: Cisco AnyConnect® Secure Mobility Client
- rnrAPSCCM: Microsoft® SCCM
- rnrBitLocker: Microsoft BitLocker® Drive Encryption
- rnrBtJumpClient: BeyondTrust Jump Client
- 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
- 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™

- rnrFortiClientVPN: FortiClient® VPN
- rnrZIFTENZENITH: Ziften Zenith
- rnrF5VPN: F5® BIG-IP® Edge Client®

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&31BE19FA&0&12345678&00&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": "eliexpress",
"dnsHostName": "DESKTOP-2UIBABC",
"interfaceIndex": 8,
"pnnpDeviceId": "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",
    "pnnpDeviceId": "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": {
  "GRtix6JdRj2uldCU3CS9wg": "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",
  "encryptpionVersion": "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: 1LOXXXXB2JAA3KSB0006
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	<p>The status of the agent on the device</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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	<p>The operating system of the device</p> <p>Example: Mac</p>
systemName	<p>The name assigned to the device</p> <p>Example: LPTP_Bob</p>
systemManufacturer	<p>The manufacturer of the device</p> <p>Example: Apple</p>
systemModel	<p>The product name from the manufacturer</p> <p>Example: MACMINI7,1</p>
systemType	<p>The system running on the Mac-based computer</p> <p>Example: x86_64</p>
serial	<p>The identification number that is assigned to the device by the device manufacturer</p> <p>Example: C07QG5L3G1HV</p>
systemDirectory	<p>The system directory of the operating system</p> <p>Example: /</p>
bootDevice	<p>The name of the disk drive from which the current Mac operating system starts</p> <p>Example: /</p>
locale	<p>The language identifier used by the operating system</p> <p>Example: English (United States)</p>
username	<p>The username of the user who was logged in to the device when an agent connection occurred</p> <p>If no user was logged in during the most recent agent connection, the last detected username shows</p> <p>Example: bob</p>
currentUsername	<p>Username of the user that was logged in during the most recent agent connection</p> <p>Example: bob</p>
timeZone	<p>Time zone represented when daylight saving time is in effect</p> <p>Example: UTC-08:00 Pacific Standard Time</p>

Data point	Description
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
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 <ul style="list-style-type: none"> • true: The camera is enabled • false: The camera isn't enabled

Data point	Description
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
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

Data point	Description
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
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

Data point	Description
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
partNumber	The part number of the physical memory Example: 0x45424A3431554638424455302D474E2D4620
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

Data point	Description
speed	Estimate of the current bandwidth (in bits per second) Example: 1000000000
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
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 <ul style="list-style-type: none"> true: The device can be power-managed false: The device cannot be power-managed

Data point	Description
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.
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 <ul style="list-style-type: none"> 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

Data point	Description
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: <ul style="list-style-type: none"> • agent call • extract • transform • etl: load • upld: upload
origin	The Absolute interface field that identifies the source of the field source <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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

Data point	Description
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 <ul style="list-style-type: none"> 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
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: <ul style="list-style-type: none"> 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

Data point	Description
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
isEnabled	The status of the Geolocation Tracking policy Possible values: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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

Data point	Description
duStatus	An object containing information about Device Usage
isEnabled	The status of the Device Usage policy <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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. • 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: <ul style="list-style-type: none"> • 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	<p>The name of the device freeze status code</p> <ul style="list-style-type: none"> • 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	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: 12345678</p>
displayPassCode	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: 12345678</p>
changedUtc	<p>The date and time (in UNIX Epoch) when the device freeze status was last updated Example: 1609935646927</p>
dfActionStatus	<p>An object containing information about Device Freeze</p>
statuses	<p>An object containing information about the statuses of one or more Freeze requests This object can contain one object for each of the following types of Freeze request:</p> <ul style="list-style-type: none"> • OnDemand • Scheduled • Offline
OnDemand	<p>An object containing information about an On Demand device freeze</p>
passcode	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: 12345678</p>
status	<p>The Freeze status of the device Example: FreezeRequested</p>

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
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

Data point	Description
score	<p>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.</p> <p>A value of zero (0) indicates that the device does not have outstanding device freeze requests against it, and therefore, is not frozen.</p> <p>The sum is taken from these statuses:</p> <ul style="list-style-type: none"> • FreezeRequested = 15 • Frozen=300 • FreezeScheduled = 10 • FreezeConditionSet = 5 • FrozenOnSchedule = 200 • FrozenByCondition = 100 <p>Example: 15</p>
cdf	<p>An object containing comma-separated key/value pairs representing custom device field uids and their values</p> <p>The uid can be used in the Custom Device Fields API /v2/cdf/definitions/ endpoints.</p> <p>Example: "GRtix6JdRj2u1dCU3CS9wg": "Two", "wzJLUR3iS66FpfCj83FnwA": "No Asset Tag"</p>
isStolen	<p>Indicates whether this device was reported as stolen</p> <p>Possible value:</p> <ul style="list-style-type: none"> • true: the device has been reported stolen • false: the devices hasn't been reported stolen
<p>nr<app> (nested collection) where <app> is supported applications</p> <p>NOTE Although these data points appear for all device platforms, Application Persistence is only supported on Windows devices.</p> <p>See Persisted Applications for the list of supported Apps.</p>	
status	<p>The status of the Application Persistence Policy for each <app></p> <p>Example: Disabled</p>
repairCount	<p>The total number of repairs that succeeded on the device, for the specified <app>, over the last 30 days</p> <p>Always 0 for Mac devices</p> <p>Example: 0</p>
reinstallCount	<p>The total number of reinstallations that succeeded on the device, for the specified <app>, over the last 30 days</p> <p>Always zero for Mac devices</p> <p>Example: 0</p>
failedCount	<p>The total number of repairs or reinstallations that failed on the device, for the specified <app>, over the last 30 days</p> <p>Always zero for Mac devices</p> <p>Example: 0</p>

Data point	Description
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 <ul style="list-style-type: none"> 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	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

Data point	Description
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 <i>Detected full-disk encryption products</i> 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
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

Data point	Description
encryptionStatus	<p>The summarized encryption status of the device</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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	<p>Indicates whether all drives have been encrypted</p> <p>USB drives and network drives are ignored</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 0: No drives are encrypted • 1: All drives are encrypted • 4: The encryption status of all drives is unknown
avgMinutesInUse	<p>The daily usage (in minutes) of a device, averaged over the 30 days prior to the most recent agent check-in</p> <p>Days with no usage are not included in the calculation</p> <p>Example: 1072</p>
classification	<p>The average level of daily usage of the device</p> <ul style="list-style-type: none"> • heavilyUsed: More than 8 hours • moderatelyUsed: 4 - 8 hours • slightlyUsed: 1 - 4 hours • notUsed: Less than 1 hour
firstCallUtc	<p>The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center</p> <p>Example: 1558457192223</p>
systemIntegrityProtectionStatus	<p>Possible values:</p> <ul style="list-style-type: none"> • enabled • disabled
unenrollmentDateUtc	<p>The data and time (in UNIX Epoch) when the device was unenrolled from your account</p> <p>Example: 1611012360460</p>
geoData	<p>An object containing information about the device's location</p>
location	<p>An object containing the last location of the device</p>
point	<p>An object containing the location coordinates</p>
x	<p>The estimated latitude (in degrees) where the device is located</p> <p>Example: -123.13202</p>

Data point	Description
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 *rnrc<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": "0x45424A3431554638424455302D474E2D4620",
    "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": "disk1 - 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": {
  "Grtix6JdRj2uldCU3CS9wg": "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",
  "encryptpionVersion": "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: 1LOXXXXB2JAA3KSB0006
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: <ul style="list-style-type: none"> 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
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

Data point	Description
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
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

Data point	Description
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
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

Data point	Description
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: <ul style="list-style-type: none"> • agent call • extract • transform • etl: load • upld: upload
origin	The Absolute interface field that identifies the source of the field source <ul style="list-style-type: none"> • 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
isEnabled	Indicates whether the Bluetooth adapter is enabled Possible values: <ul style="list-style-type: none"> • 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

Data point	Description
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: <ul style="list-style-type: none"> 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
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

Data point	Description
isEnabled	Indicates whether the camera is enabled Possible value: <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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

Data point	Description
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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

Data point	Description
espStatus	An object containing information about Full-Disk Encryption
isEnabled	<p>The status of the Full-Disk Encryption Status policy</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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	<p>The acronym for the Full-Disk Encryption collection</p> <p>Example: ESP</p>
duStatus	An object containing information about Device Usage Device usage isn't supported on Android devices
isEnabled	<p>The status of the Device Usage policy</p> <ul style="list-style-type: none"> • true: the Device Usage policy is activated on the device • false: the Device Usage policy is not activated on the device
featureType	<p>The acronym for the Device Usage collection</p> <p>Example: DUR</p>
dfStatus	An object containing information about the device freeze status of the device
statusCode	<p>The status of the device freeze</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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. • 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	<p>The status of the device freeze</p> <p>Possible value:</p> <ul style="list-style-type: none"> • 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	<p>The name of the device freeze status code</p> <ul style="list-style-type: none"> • 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	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call</p> <p>Example: 12345678</p>
displayPassCode	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call</p> <p>Example: 12345678</p>
changedUtc	<p>The date and time (in UNIX Epoch) when the device freeze status was last updated</p> <p>Example: 1609935646927</p>

Data point	Description
dfActionStatus	An object containing information about Device Freeze
statuses	The status of Device Freeze Possible values: <ul style="list-style-type: none"> • OnDemand • Scheduled • 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
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

Data point	Description
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: <ul style="list-style-type: none"> • 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"
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: <ul style="list-style-type: none"> • true: the device has been reported stolen • false: the devices hasn't been reported stolen

Data point	Description
nr<app> (nested collection) where <app> is supported applications	
<p>NOTE Although these data points appear for all device platforms, Application Persistence is only supported on Windows devices</p> <p>See Persisted Applications for a list of supported applications.</p>	
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
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) <ul style="list-style-type: none"> • 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

Data point	Description
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
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
asplInfo	An object containing information about the device's Android Vulnerabilities
osVersionRisk	Example: 1

Data point	Description
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • CUSTOM • OEM • Unknown
romTypeRisk	Example: 1
bootloaderUnlock	Indicates whether the user is able to unlock the device's bootloader Possible values: <ul style="list-style-type: none"> • 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
bootloaderUnlockRisk	Example: 0
lockScreenProtection	Indicates whether a password, PIN, pattern, or fingerprint is required to unlock the device Possible values: <ul style="list-style-type: none"> • 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

Data point	Description
deviceEncrypted	Indicates whether the device is encrypted Possible values: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • true: The Unknown sources settings is enabled • false: The Unknown sources settings isn't enabled
unknownSourceInstallRisk	Example 0
googleAppVerificationLevel	Indicates whether the Verify apps via USB settings is enabled on the device Possible values: <ul style="list-style-type: none"> • None • Only Google Play • ALL_APPS • Unknown
googleAppVerificationLevelRisk	Example: 0

Data point	Description
googleAppVerificationFrequency	Indicates whether the Scan device for security threats setting is enabled in Verify Apps Possible values: <ul style="list-style-type: none"> • INSTALL_UPDATE_ONLY: App verification occurs when an app is installed or updated • Install_Update_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: <ul style="list-style-type: none"> • true: A third party anti-malware app is detected • false: A third party anti-malware app isn't detected
nonGoogleAppVerificationRisk	Example: 0
gmsCertified	Indicates whether the device is a GMS certified device
gmsCertificateRisk	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
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": {
  "GRtix6JdRj2uldCU3CS9wg": "Two",
  "wzJLUr3iS66FpfCj83FnwA": "No Asset Tag"
},
],
```

```

    "isStolen": false,
    "nrMCAFEAGENT": {
      "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	Data type	Description
id	string	The ID assigned by the manufacturer Example: f3819afe-xxxx-4279-8fca-91ec4a0c6c1c

Data point	Data type	Description
esn	string	The unique Electronic Serial Number (ESN) that is assigned to the agent installed on the device Example: 1L0XXXXB2JAA3KSB0006
accountUid	string	The unique ID associated with this Absolute account Example: be8eb674-xxxx-11d4-8835-00c04f72c2df
lastUpdatedUtc	integer	The date and time (in UNIX Epoch) when a device's hardware information was last updated in the database Example: 1617257585830
agentStatus	string	The status of the agent on the device Possible values: <ul style="list-style-type: none"> 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	string	The operating system of the device Example: Chrome
systemName	string	System name assigned to the device in the operating system Example: Chrome
systemManufacturer	string	Manufacturer of the device Example: Chromebook
systemModel	string	Product name from the manufacturer Example: ACER CHROMEBOOK 14 (CB3-431)
systemType	string	System running on the device Example: Chrome
serial	string	Identification number that is assigned to the device by the device manufacturer Example: C07QG5L3G1HV
locale	string	Language identifier used by the operating system Example: English (United States)
username	string	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: bobsmith@absolute.com
currentUsername	string	Username of the user that was logged in during the most recent agent connection Example: bobsmith@absolute.com

Data point	Data type	Description
totalPhysicalRamBytes	integer	The total size (in bytes) of the physical memory Example: 4012900352
availablePhysicalRamBytes	integer	The amount (in bytes) of physical memory currently unused and available Example: 943251456
bios	object	An object containing information about the BIOS
id	string	Unique identifier of this BIOS Example: 1
version	string	Version of the BIOS as reported from the Google Admin console Example: Google_Edgar.7287.167.156
cpu	object	An object containing information about the CPU
id	string	The unique identifier of the processor of the system Chromebook devices return a value of 1 Example: 1
name	string	The label by which the object is known Example: Intel(R) Celeron(R) CPU N3350 @ 1.10GHz
architecture	string	Processor architecture used by the platform Example: x86_64
processorNumber	integer	The number of processors Example: 2
processorSpeed	integer	Current speed (in megahertz) of the processor Example: 1100
disks	array [object]	An array of objects, each object represents on disk drive
id	string	The unique identifier of the disk drive with other devices on the system Example: ed8772d8-bfe9-4bb6-ab2c-94df796a6b72
name	string	Name of the disk drive Example: /mnt/stateful_partition
description	string	A description of the disk drive Example: Non-removable storage - ed8772d8-bfe9-4bb6-aa2e-94bf796a6b72
mediaType	string	The type of media used or accessed by this device Example: BUILT-IN STORAGE
sizeBytes	integer	The size (in bytes) of the disk drive Example: 11301552128

Data point	Data type	Description
displays	array [object]	An array of objects, each object contains information about a single display
id	string	The unique identifier of the display Example: 13761487533244416
name	string	Name of the display Example: Internal Display
height	integer	The logical height of the display in screen coordinates Example: 768
width	integer	The logical width of the display in screen coordinates Example: 1366
horizontalResolution	integer	Number of horizontal pixels Example: 1366
verticalResolution	integer	Number of vertical pixels Example: 768
resolution	string	Resolution of the display Example: 1366X768
memories	array [object]	An array of objects, each object contains information about a single memory device
id	string	The unique identifier of the physical memory Example: 1
sizeBytes	integer	The total capacity (in bytes) of the physical memory Example: 4075675648
networkAdapters	array [object]	An array of objects, each object contains information about a single network adapter
id	string	The unique identifier of the network adapter Example: wlan0
name	string	The name of the network adapter Example: wlan0
adapterType	string	The network medium in use Example: WiFi
ipV4Address	string	Array of all of the IPv4 addresses associated with the current network adapter Example: 172.20.12.78
macAddress	string	Media access control (MAC) address for this network adapter Example: A0:1D:48:15:23:46

Data point	Data type	Description
os	object	An object containing information about the operating system
architecture	string	The architecture of the operating system Example: x86-64
name	string	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	string	The version of the operating system Example: 88.0.4324.186
agentVersion	string	The version number of the Absolute Agent for the operating system Example: 2495
ctesVersion	string	The version number of the Absolute Enhanced Agent Example: 2495
deviceGroupIds	array [string]	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	string	The unique identifier of the policy group that the device belongs to Example: a7e2d646-9416-4b15-bbb3-095fe665a456
policyGroupName	string	The name of the policy group to that the device belongs to Example: ADMIN1
src	string	How the device was created in the system Possible values: <ul style="list-style-type: none"> • agent call • extract • transform • etl: load • upld: upload
origin	string	The Absolute interface field that identifies the source of the field source <ul style="list-style-type: none"> • classic extract • transform • etl: load • upld: uploaded from the device

Data point	Data type	Description
lastConnectedUTC	integer	The date and time (in UNIX Epoch) when the device last connected to the Absolute Monitoring Center Example: 1610194036623
hdcStatus	object	An object containing information about hardware data collection
status	string	The status of the agent's HDC component on the device Example: OK
isEnabled	Boolean	The status of the Hardware policy <ul style="list-style-type: none"> • true: The Hardware policy is activated on the device • false: The Hardware policy is not activated on the device
featureType	string	The acronym for the hardware collection Example: HDC
lastDataReceivedUTC	integer	The date and time (in UNIX Epoch) when the device's hardware collection was last uploaded to the Absolute Monitoring Center Example: 1603403406193
lastUpdated	integer	The date and time (in UNIX Epoch) when the device's Hardware policy was last activated or updated on the device Example: 1602976232345
calcStatus	string	Status of the hardware collection on the device Example: OK
sdcStatus	object	An object containing information about software data collections Software policies aren't supported on Chromebook devices
isEnabled	Boolean	The status of the Software policy <ul style="list-style-type: none"> • false: the Software policy is not activated on the device
featureType	string	The acronym for the software collection Example: SDC
calcStatus	string	Status of software data collection on the device Example: INACTIVE

Data point	Data type	Description
dlpStatus	An object containing information about Endpoint Data Discovery (EDD) policy EDD isn't supported on Chromebook devices	
isEnabled	Boolean	The status of the Endpoint Data Discovery policy Possible values: <ul style="list-style-type: none"> true: the Endpoint Data Discovery policy is activated on the device false: the Endpoint Data Discovery policy is not activated on the device
featureType	string	The acronym for the Endpoint Data Discovery collection Example: DLP
calcStatus	string	The status of the EDD policy on the device Example: INACTIVE
geoStatus	object	An object containing information about Geolocation Tracking collection
status	string	The status of the agent's GEO component on the device Example: OK
isEnabled	Boolean	The status of the Geolocation Tracking policy Possible values: <ul style="list-style-type: none"> true: the Geolocation Tracking policy is activated on the device false: the Geolocation Tracking policy is not activated on the device
featureType	string	Identifies the Geolocation Tracking policy Example: GEO
lastDataReceived	integer	The date and time (in UNIX Epoch) when the device's location was last uploaded to the Absolute Monitoring Center Example: 1605747988701
lastUpdated	integer	The date and time (in UNIX Epoch) when the Geolocation Tracking policy was last activated or updated on the device Example: 1605747987701
calcStatus	string	The status of the geolocation collection on the device Example: OK

Data point	Data type	Description
espStatus	object	An object containing information about Full-Disk Encryption Full Disk Encryption isn't supported on Chromebook devices
isEnabled	Boolean	The status of the Full-Disk Encryption Status policy Possible values: <ul style="list-style-type: none"> • 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	string	The acronym for the Full-Disk Encryption collection Example: ESP
duStatus	object	An object containing information about Device Usage
isEnabled	Boolean	The status of the Device Usage policy <ul style="list-style-type: none"> • true: the Device Usage policy is activated on the device • false: the Device Usage policy is not activated on the device
featureType	string	The acronym for the Device Usage collection Example: DUR
dfStatus	object	An object containing information about the device freeze status of the device

Data point	Data type	Description
statusCode	string	<p>The status of the device freeze</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 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. • 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	string	<p>The status of the device freeze</p> <p>Possible value:</p> <ul style="list-style-type: none"> • 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	Data type	Description
statusName	string	<p>The name of the device freeze status code</p> <ul style="list-style-type: none"> 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	string	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: 12345678</p>
displayPassCode	string	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: 12345678</p>
changedUtc	integer	<p>The date and time (in UNIX Epoch) when the device freeze status was last updated Example: 1609935646927</p>
dfActionStatus	object	<p>An object containing information about a device freeze request</p>
statuses	object	<p>The type of device freeze request Possible values:</p> <ul style="list-style-type: none"> OnDemand: The device is frozen on the next agent connection
OnDemand	object	<p>An object containing information about an on demand device freeze request</p>
passcode	string	<p>The passcode used to unfreeze a frozen device sooner than waiting until the device's next agent call Example: 12345678</p>

Data point	Data type	Description
updatedUTC	integer	The date and time (in UNIX Epoch) when the change in status occurred Example: 1606427988586
score	integer	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: <ul style="list-style-type: none"> FreezeRequested = 15 Frozen=300
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: <ul style="list-style-type: none"> true: the device has been reported stolen false: the devices hasn't been reported stolen
deviceStatus	object	An object with information about the status of the device when it is stolen or missing
type	string	The status of the device Possible values: <ul style="list-style-type: none"> STOLEN MISSING
reported	integer	The data and time (in UNIX Epoch) the device was reported missing or stolen Example: 1599439026790
emailContacts	string	A list of comma separated emails addresses that will be notified if a missing device connects to the Absolute Monitoring center. Example: <i>bobsmith@absolute.com</i>

Data point	Data type	Description
nr<app> (nested collection) where <app> is supported applications		
<p>NOTE Although these data points appear for all device platforms, Application Persistence is only supported on Windows devices</p> <p>See Persisted Applications for all of the supported applications.</p>		
status	string	The status of the Application Persistence Policy for each <app> Example: Disabled
repairCount	integer	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	integer	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	integer	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	integer	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	Boolean	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) <ul style="list-style-type: none"> true: The device is CTES enabled false: The device isn't CTES enabled
gssSyncData	object	An object containing the device information that is synced from the Google Admin console
lastGssSyncTimeUTC	integer	The date and time (in UNIX Epoch) when the Google account last synced with the Absolute Monitoring Center Example: 1621638046054
gacDeviceStatus	string	The provisioning status of the device Maps to the <i>Status</i> field in the Google Admin console Possible values: <ul style="list-style-type: none"> Provisioned Deprovisioned Disabled Suspended

Data point	Data type	Description
gacDeviceLastSync	integer	The data and time (in UNIX Epoch) when the device last synced with the Absolute Monitoring Center Example: 1621625531509
gacDeviceAnnotatedUser	string	Initially populated with the user who first enrolled the device, but the Google Administrator can edit this field Maps to the <i>User</i> field in the Google Admin console Example: bobsmith@absolute.com
gacDeviceAnnotatedLocation	string	The address or the location of the device Maps to the <i>Location</i> field in the Google Admin console Example: Vancouver
gacDeviceAnnotatedAssetId	string	The asset identifier populated by the Google Administrator Maps to the <i>Asset ID</i> field in the Google Admin console Example: Asset ID 998123
gacDevicePlatformVersion	string	The build number and channel of the device's Chrome OS operating system Maps to the <i>Platform version</i> field in the Google Admin console Example: 10575.58.0 (Official Build) stable-channel edgar
gacDeviceBootMode	string	The boot mode of the device Maps to the <i>Boot mode</i> field in the Google Admin console Possible values: <ul style="list-style-type: none"> Verified: the device is running a valid version of the Chrome OS operating system Dev: the device is running in developer mode, which gives device users access to a "root" shell. Google can't verify the operating system in this mode For more information, refer to Chromebook developer documentation
gacDeviceOrgUnitPath	string	The full path of the OU that the Chromebook belongs to Maps to the <i>Organizational unit</i> field in the Google Admin console Example: /
gacDeviceNotes	string	Special information about the device Maps to the <i>Notes</i> field in the Google Admin console Example: SD 47
gacDeviceAutoUpdateExpiration	string [data-time]	The date and time when the device will no longer receive the automatic Chromebook updates that enhance both the device and the software Maps to the <i>Auto-update expiration</i> field in the Google Admin console Example: 6/1/22 7:00 AM

Data point	Data type	Description
gacDeviceDeviceld	string	The enterprise device identifier that uniquely identifies the device Maps to the <i>Device ID</i> field in the Google Admin console Example: 215690c2-5b0c-456b-bfef-5ae34bb3cc21
chromebookStatus	string	The status of the Absolute for Chromebooks extension (Chromebook extension) on the device Possible values: <ul style="list-style-type: none"> • PENDING: your Google account has been added to the Absolute console, the device's organizational unit (OU) has been selected, and the device has synced with the Absolute console but the Chromebook extension hasn't been deployed to the device • INSTALLED: your Google account has been added to the Absolute console, the device's OU has been selected, an authorized user has logged in to the device, and the Chromebook extension has been deployed to the device • INACTIVE: the device has been unenrolled from the Absolute console, removed from a synchronized OU, or is in an OU that is removed from the Absolute console
recentUsers	string	A comma separated list of users that have logged into the device, including users that haven't been configured with the Chromebook extension Maps to the <i>Recent users</i> field in the Google Admin console The most recent user is first in the list Example: bobsmith@absolute.com, janesmith@absolute.com
localIp	string	Last known local IP address of this device Example: 172.12.23.34
publicIp	string	Last known public IP address of this device Example: 172.45.67.89
publicIpAddress	integer	Decimal version of the public IP address Example: 2066563987
localIpAddress	integer	Decimal version of the local IP address Example: 2886735678
avgMinutesInUse	integer	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

Data point	Data type	Description
classification	string	The average level of daily usage of the device <ul style="list-style-type: none"> heavilyUsed: More than 8 hours moderatelyUsed: 4 - 8 hours slightlyUsed: 1 - 4 hours notUsed: Less than 1 hour
firstCallUtc	integer	The date and time (in UNIX Epoch) when the agent initially connected to the Absolute Monitoring Center Example: 1558457192223
unenrollmentDateUtc	integer	The data and time (in UNIX Epoch) when the device was unenrolled from your account Example: 1611012360460
geoData	object	An object containing information about the device's location
location	object	An object containing the last location of the device
point	object	An object containing the location coordinates
x	number	The estimated latitude (in degrees) where the device is located Example: -123.13202
y	number	The estimated longitude (in degrees) where the device is located Example: 49.288162
type	string	The type of geolocation data Example: Point
coordinates	array	An array containing a comma separated list, the first number is the estimated latitude and the second number is the estimated longitude (in degrees) where the device is located Example: [-123.13202,49.288162]
geoAddress	object	An object containing the address where the device is located
city	string	The city where the device is located Example: Vancouver
state	string	The state or province where the device is located Example: BC
countryCode	string	The country code for the country where the device is located Example: CA
country	string	The country where the device is located Example: Canada

Data point	Data type	Description
locationTechnology	string	The technology used to get the location Example: gps
accuracy	integer	The estimated accuracy (in meters) of the technology used to locate the device Example: 0
lastUpdate	integer	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": "bobsmith@absolute.com",
    "currentUsername": "bobsmith@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,
  "gssSyncData": {
    "lastGssSyncTimeUTC": 1621638046054,
```

```

    "gacDeviceStatus": "ACTIVE",
    "gacDeviceLastSync": 1621625531509,
    "gacDeviceAnnotatedUser": "bobsmith@absolute.com",
    "gacDeviceAnnotatedLocation": "Vancouver",
    "gacDeviceAnnotatedAssetId": "Asset ID 998123",
    "gacDevicePlatformVersion": "10575.58.0 (Official Build) stable-channel edgar",
    "gacDeviceBootMode": "Verified",
    "gacDeviceOrgUnitPath": "/",
    "gacDeviceNotes": "SD 47",
    "gacDeviceAutoUpdateExpiration": "6/1/22 7:00 AM",
    "gacDeviceDeviceId": "215690c2-5b0c-456b-bfef-5ae34bb3cc21",
    "chromebookStatus": "PENDING",
    "recentUsers": "bobsmith@absolute.com, janesmith@absolute.com"
  },
  "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.

Status code	Message	Action
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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Device Report API - Document version 1.5

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