

Devices

Entity - Devices - Interrogates the Devices table in the database

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Verb	Request	Notes	Permissions required
GET	/Consumer/Devices/ /fqdn/{fqdn}	Gets a single device based on FQDN. FQDN has to be base64 encoded.	Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set
POST	/Consumer/Devices/ /fqdn	Gets summarized affected device counts given a list of devices. Example Request <pre>{ "Scope": "device1,device2" }</pre>	Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set
POST	/Consumer/Devices/ /fqdnfiltered/ {instructionDefinitionId}	Gets summarized device counts given a list of devices in the same way as the Devices/fqdn API described above, but considers only those devices that are reachable by the calling user in accordance with the permissions granted by Management Groups for the specified instruction definition. Example Request <pre>{ "Scope": "device1,device2" }</pre>	Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set

GET

/Consumer/Devices

Gets all devices. Returns a list of Device objects.

Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set

Example Response

```
{
  "Id":1,
  "Name":"somemachine01",
  "Fqdn":"somemachine01.somadomain.com",
  "Status":1,
  "OsType":"Windows",
  "OsVerNum":2814750438195200,
  "OsVerTxt":"Microsoft Windows 10 Enterprise",
  "AgentVersion":281483566841860,
  "MAC":"00-15-5D-0B-AF-2B",
  "Manufacturer":"Dell Inc.",
  "ChassisType":7,
  "DeviceType":"Desktop",
  "CpuType":"Intel(R) Xeon(R) CPU E5-2630 0 @ 2.30
GHz",
  "CpuArchitecture":"x64",
  "OsArchitecture":"x64",
  "RamMB":32693,
  "SMBiosGuid":"4c4c4544-0051-5a10-8058-
b7c04f47354a",
  "OsGuid":"4c4c4544-0051-5a10-8058-b7c04f47354a",
  "TachyonGuid":"4c4c4544-0051-5a10-8058-
b7c04f47354a",
  "BiosVersion":"n/a",
  "LastBootUTC":1454408472,
  "LastConnUtc":1454604670,
  "CreatedUtc":"2016-02-03T17:20:55.003",
  "VrPlatform":"","
  "TimeZone":0,
  "CertType":null,
  "CertExpiryUtc":null,
  "PushToken":null,
  "Model":"Precision T5600",
  "Domain":"Somedomain",
  "Tags": "||",
  "ConnectionState": [
    "SkipDigitalSignatures"
  ],
  "LocalIpAddress": "192.168.0.1",
  "ConnectingIpAddress": "192.124.249.5",
  "TimeZoneId": "Europe/London",
  "SerialNumber": "FRBNJ333",
  "Criticality": 0,
  "Location": "1E office in Ealing, Third floor.",
  "CoverageTags": {},
  "MAC": "00-15-5d-0b-0c-20",
  "ConnectingIpAddress": "172.0.0.103"
}
```

<p>POST</p>	<p>/Consumer/Devices /Scope</p>	<p>Gets devices based on static scope. It does not support sorting and pagination.</p> <div data-bbox="428 180 1104 678" style="border: 1px solid #ccc; padding: 5px;"> <p>Example Request</p> <pre> { "Operator": "and", "Operands": [{ "Attribute": "devtype", "Operator": "==", "Value": "Desktop" }, { "Attribute": "ostype", "Operator": "==", "Value": "Windows" }] }</pre> </div> <p>To learn about how to define filter check Using scope and filter expressions page.</p> <p>For the list of allowed scope attributes check Defining the scope page.</p>	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set</p>
<p>POST</p>	<p>/Consumer/Devices /ApproxTarget</p>	<p>Obsolete in API versions 3.3 and onwards.</p> <p>Gets approximate number of devices matching the scope in aggregated format.</p> <div data-bbox="428 863 1104 1360" style="border: 1px solid #ccc; padding: 5px;"> <p>Example Request</p> <pre> { "Operator": "and", "Operands": [{ "Attribute": "devtype", "Operator": "==", "Value": "Desktop" }, { "Attribute": "ostype", "Operator": "==", "Value": "Windows" }] }</pre> </div> <p>To learn about how to define filter check Using scope and filter expressions page.</p> <p>For the list of allowed scope attributes check Defining the scope page.</p>	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any of the product packs</p>

POST	/Consumer/Devices /ApproxTarget/{id}	<p>Minimum API version 3.3.</p> <p>Gets approximate number of devices matching the scope in aggregated format.</p> <p>Id is an Id of the instruction definition in whose context you wish to get the approximate data. This is required as permission on instructions that limit management group usage will affect what machines are targeted.</p> <div data-bbox="427 302 1105 800" style="border: 1px solid #ccc; padding: 5px;"> <p>Example Request</p> <pre> { "Operator": "and", "Operands": [{ "Attribute": "devtype", "Operator": "==", "Value": "Desktop" }, { "Attribute": "ostype", "Operator": "==", "Value": "Windows" }] }</pre> </div> <p>To learn about how to define filter check Using scope and filter expressions page.</p> <p>For the list of allowed scope attributes check Defining the scope page.</p>	Requires any of the instruction-related permissions (so Viewer, Questioner or Approver) on any of the product packs
POST	/Consumer/Devices /ApproxTarget/ {instructionDefinitionId} /parent/ {parentInstructionId}	<p>Minimum API version 3.3.</p> <p>Gets approximate number of devices matching the scope in aggregated format.</p> <p>Should be used for follow-up instructions, because it will take into account permissions inherited from parent instruction and current permissions for the instruction definition to be used to issue an instruction.</p> <p>instructionDefinitionId - is an Id of the instruction definition in whose context you wish to get the approximate data. This is required as permission on instructions that limit management group usage will affect what machines are targeted.</p> <p>parentInstructionId - id an Id of the parent instruction to whom a follow-up instruction you wish to check impact for.</p> <div data-bbox="427 1190 1105 1688" style="border: 1px solid #ccc; padding: 5px;"> <p>Example Request</p> <pre> { "Operator": "and", "Operands": [{ "Attribute": "devtype", "Operator": "==", "Value": "Desktop" }, { "Attribute": "ostype", "Operator": "==", "Value": "Windows" }] }</pre> </div> <p>To learn about how to define filter check Using scope and filter expressions page.</p> <p>For the list of allowed scope attributes check Defining the scope page.</p>	Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any of the product packs

GET	/Consumer/Devices /Tachyonguid/{guid}	<p>Gets a single device by Tachyon GUID</p> <p>This will return 1 device as it assumes that GUID is unique.</p> <p>Endpoint will throw if it cannot find the device or a malformed GUID was supplied.</p> <p>The GUID string is to be supplied in plain text, not base64 encoded.</p> <p>The GUID can be in any format that is acceptable to the .NET's GUID class.</p>	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver)</p> <p>on any instruction set</p>
POST	/Consumer/Devices	<p>This endpoint allows searching for devices based on criteria along with sorting and pagination.</p> <div data-bbox="428 401 1105 1159" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p>Example Request</p> <pre> { "filter":{ "Operator": "and", "Operands":[{ "Attribute": "DeviceType", "Operator": "==", "Value": "Desktop" }, { "Attribute": "OSType", "Operator": "==", "Value": "Windows" }] }, "start":10, "pageSize":100, "sort":[{ "Column": "fqdn", "Direction": "ASC" }] }</pre> </div> <ul style="list-style-type: none"> filter - filter expression. To learn about how to define filter check Using scope and filter expressions page. sort - sort expression. To learn about how to define sort criteria check Sort Definition page. start - starting index to support pagination. It begins from 1. pagesize - number of results to fetch <p>Allowed filter columns</p> <ul style="list-style-type: none"> Name FQDN DeviceType Status OsType OsVersionText AgentVersion TimeZone VrPlatform (Virtualization Platform) Domain OsVerNum (OS Version Number) <p>Allowed sortable columns</p> <ul style="list-style-type: none"> Name FQDN DeviceType Status OsType OsVersionText AgentVersion OsVerNum (OS Version Number) LastSeenTime 	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver)</p> <p>on any instruction set</p>

POST	/Consumer/Devices /summary	<p>Gets summary information, counting the number of devices grouped by fixed criteria based on static scope. It does not support sorting and pagination.</p> <p>The following example shows a filter that uses all the attributes that are produced in the output of this API. Under normal circumstances, you would only filter on a subset of these columns.</p> <div data-bbox="427 281 1105 1350" style="border: 1px solid #ccc; padding: 10px;"><p>Example Request</p><pre>{ Filter: { "Operator": "or", "Operands": [{ "Attribute": "OsType", "Operator": "==", "Value": "Windows" }, { "Attribute": "AgentVersion", "Operator": "==", "Value": "281483566841860" }, { "Attribute": "Status", "Operator": "!=", "Value": "2" }, { "Attribute": "DeviceType", "Operator": "==", "Value": "Desktop" }, { "Attribute": "TimeZone", "Operator": "==", "Value": "0" }, { "Attribute": "VrPlatform", "Operator": "==", "Value": "" }] } }</pre></div> <p>To learn about how to define the filter, check Using scope and filter expressions page.</p>	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set</p>
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POST (FORM)	/Consumer/Devices /exportmatching	<p>Form post endpoint used to return a CSV file containing information about devices.</p> <p>You can include a filter in the form post that contains JSON that conforms scoping and filtering expression as outline above.</p> <p>To do so send JSON as body of the message with a field called "Filter" whose value should be string that contains a JSON with the filtering expression.</p> <div data-bbox="427 302 1105 800" style="border: 1px solid #ccc; padding: 10px;"><p>Example Request Payload</p><pre>{ "Operator": "and", "Operands": [{ "Attribute": "DeviceType", "Operator": "==", "Value": "Desktop" }, { "Attribute": "OSType", "Operator": "==", "Value": "Windows" }] }</pre></div>	
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POST	/Consumer/Devices /ByDomainAndName	<p>Gets device status (Online/Offline) by domain and name.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p>Example Request Payload</p> <pre> { "DomainsAndNames" : [{ "Domain" : "ACMEFINANCE", "Names" : ["1AF8400000000002", "1AF8400000000003"] }, { "Domain" : "ACMEENGINEERING", "Names" : ["1AF8400000000200", "1AF8400000000201"] }] } </pre> </div> <div style="border: 1px solid #ccc; padding: 5px;"> <p>Example Response Payload</p> <pre> [{ "Id" : 12229, "Domain" : "ACMEFINANCE", "Name" : "1AF8400000000003", "Status" : 0 }, { "Id" : 12305, "Domain" : "ACMEENGINEERING", "Name" : "1AF8400000000200", "Status" : 1 }] </pre> </div>	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set</p>
GET	/Consumer/Devices /fqdn/{fqdn}/ManagementGroups	<p>Gets all Management Groups a device belongs to.</p> <p>FQDN has to be base64 encoded.</p> <p>Minimum API version 3.3</p>	<p>Requires any of the instruction-related permissions (so Viewer, Questioner, Actioner or Approver) on any instruction set</p>
GET	/Consumer/Devices /tachyonguid/{tachyonGuid} /ManagementGroups	<p>Gets all Management Groups a device belongs to.</p> <p>The Guid must be in a format recognizable as a GUID by .NET framework, i.e. 123e4567-e89b-12d3-a456-426655440000</p> <p>Minimum API version 4.0</p>	

GET	/Consumer/Devices /CriticalityMapping	<p>Gets the mapping table for the Criticality of devices.</p> <p>Minimum API version 4.0</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>Example response payload</p> <pre> { "0": "Undefined", "1": "Non-critical", "2": "Low", "3": "Medium", "4": "High", "5": "Critical" } </pre> </div>	None.
POST	/Consumer/Devices /TachyonGuid/{guid} /Instruction/ {forceRefresh}	<p>Sends a Synchronous instruction to the specified device .</p> <p>Minimum API version 5.2</p> <p>{guid} should be replaced with the TachyonGuid of the device targeted by the instruction.</p> <p>{forceRefresh} can be set to <i>true</i> to bypass the response cache. The default is <i>false</i>.</p> <p>The payload for the POST is the same that is used for an ordinary non-synchronous instruction, with the exception that a Device list cannot be provided – the target of the Synchronous instruction should be specified by means of the TachyonGuid parameter.</p>	Requires permissions on the Instruction Set for the selected instruction and on one of the Management Groups to which the device belongs. See Instructions .