Recast

List Active Directory Computers

Last Modified on 2026-08-25

List properties and relationships of the directory Computer objects.

HTTP Request

```
POST /directoryComputers
```

Request headers

Header	Value
Authorization	If required by Centero Agent Gateway configuration
Key	Authentication key if required by Centero Agent Gateway configuration. Key can be passed also as URI parameter (like: /computerManagedGroupRules?Key=configuredkey)
Accept	application/json

Request Parameters

Following table shows the parameters available for the request.

Parameter	Type	Description
Key	string	Optional. Authentication key if required by the Recast Agent Gateway configuration. Can be passed also as a request header
$top	int	Optional. Number of computers to return on each request. Default is zero (0) that returns all computers
$skip	int	Optional. Number of items to skip. If this value is set you need to specify also $top. Example combinations: • $top = 100 and $skip = 0: retrieves 100 first computers (1–100) • $top = 100 and $skip = 200: retrieves computers 201–300

Request Body

In the request body, supply a JSON representation for performing Active Directory search. Following table shows the properties that are available when you list computers from Active Directory.

Property	Type	Description
UseGlobalCatalog	bool	To use Active Directory Global Catalog for searching computers.
SearchRoot	string	Active Directory distinguished name of the domain, organization unit or container where to search for computer objects. Search is always done to the search root and all organization units and containers below it.
SortProperty	string	Specify AD attribute for ordering the results. Empty or null value does not use ordering
SortDirection	string	If the SortProperty is specified then specify the ordering direction. Allowed values: • Asc • Desc If empty or null then ascending ordering will be used

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Filter	string	Custom LDAP filter to use. Default filter if not set is: (&(objectClass=computer))
ReturnAttributes	string array	List of attributes to return from all found computers.

Response

If successful, this method returns a **200 OK** response code and a collection of directory Computer objects in the response body.

Example

Request

Here is an example of the request.

```
POST https://cgw.dns.domain/api/v1.0/directoryComputers?$top=2&$skip=0
Content-Type: application/json
{
   "UseGlobalCatalog": false,
   "SearchRoot": "OU=Workstations,DC=domain,DC=ad",
   "SortProperty": "whenCreated",
   "SortDirection": "Desc",
   "Filter": "(&(objectClass=computer))",
   "ReturnAttributes": [
      "description",
      "name"
   ]
}
```

Response

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```
HTTP/1.1 200 OK
Content-Type: application/json
{
   "@odata.context": "https://cgw.dns.domain/$metadata#directoryComputers",
   "@odata.nextLink": "https://cgw.dns.domain/api/v1.0/directoryComputers?$top=2&$skip=2",
   "value": [
      {
         "Guid": "91eba3a1-a803-4a22-b57f-94af33d1eda9",
         "NativeGuid": "a1a3eb9103a8224ab57f94af33d1eda9",
         "Path": "LDAP://CN=COMPUTER1,OU=Workstations,DC=domain,DC=ad",
         "Attributes": {
            "description": "John Doe laptop",
            "name": "COMPUTER1"
         }
      },
      {
         "Guid": "2e7c8044-a2ce-41eb-ab01-3cb1ccca0ec1",
         "NativeGuid": "44807c2ecea2eb41ab013cb1ccca0ec1",
         "Path": "LDAP://CN=COMPUTER2,OU=Workstations,DC=domain,DC=ad",
         "Attributes": {
            "description": "John Doe DESKTOP",
            "name": "COMPUTER2"
         }
      }
   ]
}
```