

CloudGen Access CLI Client Usage Examples

<https://campus.barracuda.com/doc/97517666/>

- [List all devices with username Alice](#)
- [List all devices created before <date> and limit result fields](#)
- [List all devices and limit result fields](#)
- [List all devices and limit result fields to ID](#)
- [List all devices that haven't reported for more than 7 days and limit result fields](#)
- [Find last time a particular user accessed a specific / any app](#)
- [Revoke all enrollment links from tenant](#)
- [Export list of enrolled users to a CSV file](#)

Example 1: List all devices from username *Alice*

```
access-cli devices list -o json --list-all --tenant=f28ddc39-79e0-4c9e-bdda-3bbff44e6bec | jq '.[] | select( .user.name == "Alice" )'
```

Example output:

```
{
  "brand": "Apple",
  "created_at": "2022-03-03T15:18:27.561Z",
  "enrollment_id": "3f0dfafe-f792-4aa4-8c27-6488b5b478e9",
  "hardware_model": "MacBookPro15,2",
  "id": "a6bb9a4f-4a63-4d18-95e5-3c522f7e4d87",
  "os": "macOS",
  "security_checks": [],
  "status": "enrolled",
  "updated_at": "2022-03-03T15:19:17.968Z",
  "user": {
    "id": 458,
    "name": "Alice"
  }
}
```

Example 2: List all devices created before <date> and limit result fields

```
access-cli devices list -o json --list-all | jq '[] | select (.created_at <= "2021-01-01T00:00:00.000Z") | {User: .user.name, DeviceCreated: .created_at, Model: .hardware_model}'
```

Example output:

```
{
  "User": "Bob",
  "DeviceCreated": "2021-03-25T12:18:45.012Z",
  "Model": "MacBookPro16,1"
}
{
  "User": "Bob",
  "DeviceCreated": "2021-03-25T12:21:38.140Z",
  "Model": "iPhone10,4"
}
{
  "User": "Carol",
  "DeviceCreated": "2021-05-19T14:23:13.430Z",
  "Model": "Latitude 7490"
}
```

Example 3: List all devices and limit result fields

```
access-cli devices list -o json --list-all | jq '[] | {User: .user.name, DeviceCreated: .created_at, Model: .hardware_model, OS: .os, OSVersion: .os_version, AppVersion: .app_version}'
```

Example output:

```
{
  "User": "Bob",
  "DeviceCreated": "2022-06-08T03:52:28.016Z",
  "Model": "iPhone12,8",
  "OS": "iOS",
  "OSVersion": "15.4.1",
  "AppVersion": "1.7.1"
}
{
  "User": "Alice",
  "DeviceCreated": "2022-06-07T17:40:45.392Z",
  "Model": "VMware Virtual Platform",
  "OS": "Windows",
  "OSVersion": "10.0.19044.1706",
  "AppVersion": "1.7.1"
}
{
  "User": "Bob",
  "DeviceCreated": "2022-05-19T05:37:39.850Z",
  "Model": "Latitude 7420",
  "OS": "Linux",
  "OSVersion": "20.04",
  "AppVersion": "1.7.0"
}
{
  "User": "Carol",
  "DeviceCreated": "2022-06-07T17:40:45.392Z",
  "Model": "VMware Virtual Platform",
  "OS": "Windows",
  "OSVersion": "10.0.19044.1706",
  "AppVersion": "1.7.1"
}
```

Example 4: List all devices and limit result fields to ID

```
access-cli devices list -o json --list-all | jq -r '[][.id]'
```

Example output:

```
cef0a784-4bf3-4e17-a12b-ddd6cd97b4fb
aabcac11-4ffd-4718-93ed-f72e947cc94c
802148af-8972-4b49-ae27-f9e8fdb141d2
4c178510-5b83-45cf-baa1-6077c7ab9c77
61f4b76a-1193-4231-8d06-e56974326efe
4cced090-8cb7-4fdf-acf2-bab3a54ae437
d485ee8c-ca16-4c69-8074-fd114083487c
aff0732c-7217-4d89-ab6c-77ba3b2169ca
84307ab2-33a1-4f4a-89fa-7eb470077515
```

Example 5: List all devices that haven't reported for more than 7 days and limit result fields

```
./access-cli devices list -list-all -o json | jq '(now-3600*24*7) as $when |
.[ ] | select(.last_report_at != null) | select(.last_report_at |
sub("[0-9]*Z$"; "Z") | strptime("%Y%m-%dT%H:%M:%SZ") | mktime < $when) |
{User: .user.name, DeviceCreated: .created_at, Model: .hardware_model,
LastReport: .last_report_at}')
```

Example output:

```
{
  "User": "Carol",
  "DeviceCreated": "2022-04-08T13:07:26.985Z",
  "Model": "MacBookAir10,1",
  "LastReport": "2022-06-02T18:27:43.000Z"
}
```

```
"User": "Bob",
"DeviceCreated": "2022-06-08T03:52:28.016Z",
"Model": "iPhone12,8",
"LastReport": "2022-06-08T03:55:47.000Z"
}
{
  "User": "Alice",
  "DeviceCreated": "2022-05-26T18:21:44.543Z",
  "Model": "MacBookPro15,2",
  "LastReport": "2022-06-02T16:14:04.000Z"
}
{
  "User": "Bob",
  "DeviceCreated": "2022-05-19T05:37:39.850Z",
  "Model": "Latitude 7420",
  "LastReport": "2022-06-08T07:12:23.000Z"
}
```

Example 6: Find the last time a particular user accessed a specific / any app

Find the UserID:

```
MY_USER_ID=$(access-cli users list -q stran@thisdomain.com -o json | jq -r '.[0].id')
```

Find the resource id for the app name:

```
MY_RESOURCE_ID=$(access-cli resources list -q "My Example App" -o json | jq -r '.[0].id')
```

Retrieve the last access time for this UserID for this app:

```
access-cli records list --sort created_desc --filter-user-id $MY_USER_ID --filter-event-name accessProxyAdmittance -o json | jq '[.[] | select (.params.resource.id == $my_resource_id)][0]|{User: .user.name, Resource: .params.resource.name, LastAccess: .date}' --arg my_resource_id "$MY_RESOURCE_ID"
```

Example output:

```
{
```

```
"User": "Susan Tran",  
"Resource": "My Example App",  
"LastAccess": "2023-09-12T15:50:13.000Z"  
}
```

Example 7: Revoke all enrollment links from tenant

```
access-cli --tenant=f28ddc39-79e0-4c9e-bdda-3bbff44e6bec users list --list-  
all | access-cli --tenant=f28ddc39-79e0-4c9e-bdda-3bbff44e6bec users  
enrollment revoke
```

Example output:

```
+-----+-----+  
|  ID  | Result |  
+-----+-----+  
| 464  | success |  
| 368  | success |  
| 372  | success |  
| 373  | success |  
| 374  | success |  
+-----+-----+  
(5 records)
```

Example 8: Export list of enrolled users to a CSV file

```
./access-cli users list --filter-status enrolled -o csv
```

Example output:

```
ID,Name,Email,Groups,Enabled,Status,EnrollmentStatus  
1302,JThomas,jthomas@gmail.com,Corp,true,enrolled,revoked
```


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