



## **Identity and access**

### **Cloud Manager Automation**

NetApp

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# Identity and access

## Get supported services

You can use this workflow to retrieve information about the Cloud Manager supported services including the *client id* and *account id* values.



This workflow describes how to use the REST API to retrieve the two ID values. You can also use the Cloud Manager web UI to get these values. See [Get the client and account identifiers](#) for more information.

### 1. Get the supported services

This API returns information about the supported services.

HTTP method	Resource path
GET	/occm/api/occm/system/support-services

#### curl example

```
curl --location --request GET
'https://cloudmanager.cloud.netapp.com/occm/api/occm/system/support-
services' --header 'Content-Type: application/json' --header 'x-agent-Id:
<AGENT_ID>' --header 'Authorization: Bearer <ACCESS_TOKEN>'
```

#### Input parameters

None

#### Output

The JSON output example includes the supported services information. You can locate the `clientId` value under `auth0Information` and the `accountId` value under `tenancyServiceInformation`.

#### JSON output example

```
{
  "asupEnabled": true,
  "cognitoEnabled": true,
  "kinesisEnabled": true,
  "intercomEnabled": true,
  "liveChatEnabled": true,
  "volumeViewEnabled": true,
  "portalService": {
    "usePortalAuthentication": true,
    "auth0Information": {
      "domain": "netapp-cloud-account.auth0.com",
      "audience": "https://api.cloud.netapp.com",
```

```

        "clientId": "WsefXFuCJJvMKCMppR65jCktHAQBWFs4"
    },
    "portalInformation": {
        "edit_user_url":
"https://services.cloud.netapp.com/?userMenuOpen",
        "portalBackEnd": "https://api.services.cloud.netapp.com",
        "portalFrontEnd": "https://services.cloud.netapp.com"
    },
    "saasFrontEnd": "https://cloudmanager.netapp.com"
},
"intercomAppId": "brf2h510",
"tenancyServiceInformation": {
    "accountId": "account-xxx1234",
    "url": "https://cloudmanager.cloud.netapp.com/tenancy",
    "accountWidgetUrl":
"https://services.cloud.netapp.com/accountWidgetLoader.js",
    "agentsMgmtUrl": "https://cloudmanager.cloud.netapp.com/agents-
mgmt",
    "forwarderUrlOverride": "https://cloudmanager.cloud.netapp.com"
},
"saasMpServiceInformation": {
    "productUrlAws":
"http://aws.amazon.com/marketplace/pp/B086BQCW8P",
    "productUrlGcp":
"https://console.cloud.google.com/marketplace/details/netapp-
cloudmanager/cloud-manager",
    "url": "https://cloudmanager.cloud.netapp.com/saas-mp",
    "productUrlAzure": "https://portal.azure.com/#create/netapp.test-
cloud-manager"
},
"cvcsInformation": "https://services.cloud.netapp.com",
"backupToS3Information": {
    "enabled": true,
    "disableReason": null,
    "notSubscribedReason": false,
    "cbsEnabled": true,
    "onpremSupported": true
},
"complianceEnabled": false,
"ipaServiceInformation": {
    "url": "https://cloudmanager.cloud.netapp.com/ipa"
},
"servicesInformation": {
    "compliance": {
        "enabled": false,
        "govSupported": true,

```

```

    "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_compliance/index.html"
  },
  "cloudSync": {
    "iframeUrl": "https://dev.cloudsync.netapp.com",
    "url": "https://dev.cloudsync.netapp.com",
    "enabled": false,
    "apiUrl": "https://api.dev.cloudsync.netapp.com",
    "govSupported": false
  },
  "monitoring": {
    "enabled": false,
    "govSupported": true,
    "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/monitoring/index.html",
    "apiUrl": "https://cloudmanager.cloud.netapp.com"
  },
  "astra": {
    "enabled": true,
    "govSupported": false,
    "iframeUrl": "https://engint.astra.netapp.io"
  },
  "gfc": {
    "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_gfc/index.html",
    "dashboardUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_gfc/index.html",
    "enabled": false,
    "apiUrl": "https://cloudmanager.cloud.netapp.com",
    "govSupported": false
  },
  "cloudTiering": {
    "iframeUrl": "https://tiering.cloud.netapp.com",
    "url": "https://tiering.cloud.netapp.com",
    "enabled": false,
    "apiUrl": "https://tiering.cloud.netapp.com",
    "govSupported": false
  },
  "snapCenter": {
    "enabled": false,
    "govSupported": false,
    "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_snapcenter/index.html",
    "apiUrl": "https://cloudmanager.cloud.netapp.com"
  },
  "k8s": {

```

```

        "enabled": false,
        "govSupported": false,
        "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_k8s/index.html",
        "apiUrl": "https://cloudmanager.cloud.netapp.com"
    },
    "spot": {
        "enabled": true,
        "govSupported": false,
        "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_spot/index.html",
        "apiUrl": "https://cloudmanager.cloud.netapp.com"
    },
    "sfr": {
        "enabled": false,
        "govSupported": true,
        "iframeUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_sfr/index.html",
        "dashboardUrl": "https://dev-
components.cloudmanager.netapp.com/cloudmanager_sfr/index.html"
    },
    "activeIq": {
        "enabled": true,
        "govSupported": false,
        "iframeUrl": "https://digitaladvisor.aws.techteam.netapp.com"
    }
},
"setupInfo": {
    "isSetup": true,
    "isPendingConnectivitySet": false,
    "needCertificate": false,
    "runningInDocker": false
},
"useCompliancePrivateIpContainerMode": false
}

```

## Get cloud provider accounts

You can retrieve a list of the Cloud Manager accounts available for the supported cloud platforms.

### 1. Get the cloud provider accounts

HTTP method	Resource path
GET	/occm/api/accounts/cloud-providers

## curl example

```
curl --location --request GET
'https://cloudmanager.cloud.netapp.com/occm/api/accounts/cloud-providers'
--header 'Content-Type: application/json' --header 'x-agent-id:
<AGENT_ID>' --header 'Authorization: Bearer <ACCESS_TOKEN>'
```

## Input parameters

None

## Output

The JSON output example shows the cloud provider accounts returned in separate named arrays.

## JSON output example

```
{
  "awsAccounts": [
    {
      "publicId": "InstanceProfile",
      "accountName": "Instance Profile",
      "accountType": "INSTANCE_PROFILE",
      "accountId": "733004784675",
      "accessKey": "",
      "assumeRole": null,
      "occmRole": "occm",
      "vsaList": [
        {
          "publicId": "VsaWorkingEnvironment-N6BPfglr",
          "name": "ziv04we0lha",
          "workingEnvironmentType": "AWSHA"
        }
      ],
      "subscriptionId": "subscctionIDshownhere"
    }
  ],
  "azureAccounts": [],
  "gcpStorageAccounts": [],
  "nssAccounts": []
}
```

## Get tenants

You can retrieve a list of tenants visible to the user currently signed in through the account workspace.

## 1. Get the account identifier

Perform the workflow [Get supported services](#) to retrieve the account ID.



You can also get the account identifier through the Cloud Manager web UI. See [Get the client and account identifiers](#) for more information.

## 2. Get the account workspace

HTTP method	Resource path
GET	/tenancy/account/{account_id}/workspace

### curl example

```
curl --location --request GET
"https://cloudmanager.cloud.netapp.com/tenancy/account/<ACCOUNT_ID>/worksp
ace" --header 'Content-Type: application/json' --header 'Authorization:
Bearer <ACCESS_TOKEN>'
```

### Input parameters

Path parameter with the account ID.

### Output

The JSON output example shows the list of tenants.

### JSON output example

```
[
  {
    "workspacePublicId": "workspace-ced4x9X4",
    "workspaceName": "Workspace-1",
    "associatedAgents": []
  }
]
```



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