

Cloud Discovery CLI Commands

Following are the command-line interface commands to Add, Enable, List, and Remove Cloud credentials along with the command to see whether Cloud Discovery is enabled. All commands on this page pertain to Cloud Discovery, which is located in Settings > Zones > selected Available Zone > Cloud tab.

Adding AWS Cloud Credentials

To add AWS cloud credentials, follow this sample command in the CLI:
`collector cloudcredentials c1 commandline alias-RKV aws accesskey-ZDG secretKey-OFW region1-EAG,region2-PPR serviceName-CZY`

Example	Type	Description
collector	Command	View and edit collectors
cloudcredentials	Command	Add, replace or delete a set of credentials for cloud services
c1	String	The collector which will use these credentials
commandline	Commandline	Add, replace or delete credentials from the command line
alias-RKV	Word	An alias for the credentials
aws	String	The Azure subscription ID aws Specify credentials for the AWS cloud azure Specify credentials for the Azure cloud remove Remove a cloud credential
accesskey-ZDG	String	Access key
secretKey-OFW	String	Secret key
region1-EAG,region2-PPR	String	Regions, comma-separated
serviceName-CZY	String	Service name

Adding Azure Cloud Credentials

To add **Azure** cloud credentials, follow this sample command in the CLI:
`collector cloudcredentials c1 commandline rk azure 111 test 123 tttt 12`

Example	Type	Description
collector	Command	View and edit collectors
cloudcredentials	Command	Add, replace or delete a set of credentials for cloud services
c1	String	The collector which will use these credentials
commandline	Commandline	Add, replace or delete credentials from the command line
rk	Word	An alias for the credentials
azure	String	The Azure subscription ID aws Specify credentials for the AWS cloudtop azure Specify credentials for the Azure cloud remove Remove a cloud credential
111	String	Azure resource groups for these credentials
test	String	Azure client ID for these credentials
123	String	Client secret for these credentials
tttt12	String	The tenant ID for these credentials

Uploading Cloud Credentials

To upload cloud credentials, follow this sample command in the CLI:
`collector cloudcredentials uv1c1 upload "/home/admin/cloudCredentials.txt"`

Enabling a Cloud Configuration

To enable cloud configuration, follow this sample command in the CLI:
`collector cloud c1 enable`

Listing Cloud Credentials

To list cloud credentials, follow this sample command in the CLI:
`collector list name c1 cloud`

Sample Payload for Listing Cloud Credentials

```
collector list name c1 cloud
```

```
Collector:                                c1
Enabled:                                  true
Archived:                                 false
Zone:                                     IPsonar Mapping
Interface:                               alex-cc-332:eth0
Rescan Interval:                          45
Broadcast Discovery:
  Enabled:                                true
  ARP:                                    true
  ICMPv6:                                 true
  DHCP:                                   true
Host Discovery:
  Enabled:                                true
  Target discovered routes:               true
  ICMP:                                   true
  DNS:                                    true
  SNMP:                                   true
  UDP High Port:                          true
  Custom TCP ports:                       80
OSPF Discovery:
  Enabled:                                true
BGP Discovery:
  Enabled:                                false
DNS Servers:
  Enabled:                                true
  Internal:                               system
Path Discovery:
  Enabled:                                true
  ICMP:                                   true
  DNS:                                    true
```

```

SNMP:                                true

UDP High Port:                       true

Custom TCP ports:                     80,8000,8080

Max stealths:                         1

Max unknown hops:                     4

Trace to hosts:                       true

Trace discovered routes:              true

CIDR Expansion:

    /1 through /7:                    not expanded

    /8 through /15:                   20

    /16 through /23:                  24

    /24 through /32:                  not expanded

Port Discovery:

    Enabled:                          true

    Custom TCP
ports:                                2049,20034,515,1604,902,135,6346,139,5900,9996,5901,80,1234,2195,2196,21,22,23,88,25,1433,17500
,
6881,548,3689,31337,3306,5357,110,27374,111,6000,5553,6001,2869,4662,631,3127,6711,5432,12345,443,445,3389,1214,62
078,5631

    Use vulnerable ports:              true

    Use infection ports:               true

Device Profiling:

```

Removing Cloud Credentials

```
collector cloud c1 credentials ca remove
```

Viewing Cloud Status

To find out whether cloud discovery is enabled or disabled, follow this example in the CLI:

```
collector list name FindingHost_Collector cloud
```

Where:

FindingHost_Collector is the name of a collector

Azure Cloud CLIs

Scenarios	Results
Enable Cloud admin@QA-CC-rc4> collector cloud c1 enable	Cloud should be enabled admin@QA-CC-rc4> collector list name c1 cloud Collector: c1 Cloud Discovery: Enabled: true Credentials:

<p>Uploading credential with same alias (Append)</p> <pre>admin@QA-CC-rc4> collector cloudcredentials c1 upload "/home/admin /test_cloud_creds-Azure_append.txt" true Transferring file... File retrieved</pre>	<p>File is uploaded but should not show the same alias credentials in the collector</p> <pre>admin@QA-CC-rc4> collector list name c1 cloud Collector: c1 Cloud Discovery: Enabled: true Credentials: alias: fauzia subscription ID: faResourceGroup resource groups: 47fa9418-a6de-4d52-86ab-c052e8c0f5c7 client ID: 3b2f9a45-9dda-4932-8f39-12614e47cdbc tenant ID: 891866ed-add8-46aa-9d83-c2b5aaaf50bc</pre>
<p>Uploading credential with different alias(Append)</p> <pre>admin@QA-CC-rc4> collector cloudcredentials c1 upload "/home/admin /test_cloud_creds-Azure_append.txt" true Transferring file... File retrieved</pre>	<p>File is uploaded and should append the new alias configs to the existing configs</p> <pre>admin@QA-CC-rc4> collector list name c1 cloud Collector: c1 Cloud Discovery: Enabled: true Credentials: alias: fauzia subscription ID: faResourceGroup resource groups: 47fa9418-a6de-4d52-86ab-c052e8c0f5c7 client ID: 3b2f9a45-9dda-4932-8f39-12614e47cdbc tenant ID: 891866ed-add8-46aa-9d83-c2b5aaaf50bc alias: Usha subscription ID: faResourceGroup resource groups: 47fa9418-a6de-4d52-86ab-c052e8c0f5c7 client ID: 3b2f9a45-9dda-4932-8f39-12614e47cdbc tenant ID: 891866ed-add8-46aa-9d83-c2b5aaaf50bc</pre>
<p>Remove a cloud credential with the alias name</p> <pre>admin@QA-CC-rc4> collector cloudcredentials c1 commandline fauzia remove</pre>	<p>Cloud credential with that alias name has to be deleted</p> <pre>admin@QA-CC-rc4> collector list name c1 cloud Collector: c1 Cloud Discovery: Enabled: true Credentials: alias: Usha subscription ID: faResourceGroup resource groups: 47fa9418-a6de-4d52-86ab-c052e8c0f5c7 client ID: 3b2f9a45-9dda-4932-8f39-12614e47cdbc tenant ID: 891866ed-add8-46aa-9d83-c2b5aaaf50bc</pre>
<p>Upload a credential to replace the existing credential</p> <pre>admin@QA-CC-rc4> collector cloudcredentials c1 upload "/home/admin /test_cloud_creds-Azure.txt" false Transferring file... File retrieved</pre>	<p>Existing credential has to be replaced with the new one</p> <p>Previous :</p> <pre>admin@QA-CC-rc4> collector list name c1 cloud Collector: c1 Cloud Discovery: Enabled: true Credentials: alias: Usha subscription ID: faResourceGroup resource groups: 47fa9418-a6de-4d52-86ab-c052e8c0f5c7 client ID: 3b2f9a45-9dda-4932-8f39-12614e47cdbc tenant ID: 891866ed-add8-46aa-9d83-c2b5aaaf50bc</pre> <p>Now:</p> <pre>admin@QA-CC-rc4> collector list name c1 cloud Collector: c1 Cloud Discovery: Enabled: true Credentials: alias: fauzia subscription ID: faResourceGroup resource groups: 47fa9418-a6de-4d52-86ab-c052e8c0f5c7 client ID: 3b2f9a45-9dda-4932-8f39-12614e47cdbc tenant ID: 891866ed-add8-46aa-9d83-c2b5aaaf50bc</pre>

Disable cloud

admin@QA-CC-rc4> collector cloud c1 disable

Cloud has to be disabled

admin@QA-CC-rc4> collector list name c1 cloud

Collector: c1
Cloud Discovery:
Enabled: false