



Configuring the ONTAP SVM Data Collector

Cloud Insights

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April 24, 2020

This PDF was generated from https://docs.netapp.com/us-en/cloudinsights/task_add_collector_svm.html on April 25, 2020. Always check docs.netapp.com for the latest.

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Cloud Secure uses data collectors to collect file and user access data from devices.

Before you begin

- This data collector is supported on Data ONTAP 9.1 and later versions.
- An Agent [must be configured](#) before you can configure data collectors.
- A separate subnet must be used for FPolicy traffic.
- You need the SVM management IP address.
- You need a username and password to access the SVM.
- Ensure the correct protocols are set for the SVM.

```
security login show -vserver svmname
Vserver: svmname
Authentication Acct Is-Nsswitch
User/Group Name Application Method Role Name Locked Group
vsadmin http password vsadmin yes no
vsadmin ontapi password vsadmin yes no
vsadmin ssh password vsadmin yes no
3 entries were displayed.
```

- Ensure that the SVM has a CIFS server configured:

```
clustershell::> vserver cifs show
```

The system returns the Vserver name, CIFS server name and additional fields.

- Set a password for the SVM

```
clustershell::> security login password -username vsadmin -vserver svmname
```

- Unlock the SVM for external access:

```
clustershell::> security login unlock -username vsadmin -vserver svmname
```

- Verify that the ONTAP FPolicy framework can connect to the External FPolicy server engine that the Agent system hosts:

```
clustershell::> vserver fpolicy show-engine -vserver svmname
```

The agent IP address state should be "Connected".

- Ensure the firewall-policy of the data LIF is set to 'mgmt' (not 'data').

```
clustershell::> network interface modify -lif <SVM_data_LIF_name> -firewall-policy mgmt
```

- When a firewall is enabled, you must have an exception defined to allow TCP traffic for the port using the Data ONTAP Data Collector.

See [Agent requirements](#) for configuration information. This applies to on-premise Agents and Agents installed in the Cloud.

- When an Agent is installed in an AWS EC2 instance to monitor a Cloud ONTAP SVM, the Agent and Storage must be in the same VPC. If they are in separate VPCs, there must be a valid route between the VPC's.

If you cannot use the "vsadmin" user, create the following roles for the data collector using the "causer" user:

```
security login show -vserver svmname
security login role create -vserver svmname -role carole -cmddirname DEFAULT -access none
security login role create -vserver svmname -role carole -cmddirname "network interface" -access readonly
security login role create -vserver svmname -role carole -cmddirname version -access readonly
security login role create -vserver svmname -role carole -cmddirname volume -access readonly
security login role create -vserver svmname -role carole -cmddirname vserver -access readonly
security login role create -vserver svmname -role carole -cmddirname "vserver fpolicy" -access all
security login create -user-or-group-name causer -application ontapi -authmethod password -role carole -vserver svmname
```

Steps for Configuration

1. Log in as Administrator or Account Owner to your Cloud Insights environment.
2. Click **Admin > Data Collectors > +Data Collectors**

The system displays the available Data Collectors.

3. Click the **NetApp** tile.

Select ONTAP SVM

The system displays the ONTAP SVM configuration page. Enter the required data for each field.

Configuration

| Field | Description |
|---------------------------|---|
| Name | Unique name for the Data Collector |
| Agent | Select a configured agent from the list or click Add Agent to configure an Agent. See Agent requirements and Agent Installation for configuration information. |
| SVM Management IP Address | Management IP Address |

| | |
|--|--|
| Username | User name to access the SVM |
| Password | SVM Password |
| Enter complete share names to exclude | Comma-separated list of shares to exclude from event collection |
| Enter complete volume names to exclude | Comma-separated list of volumes to exclude from event collection |

After you finish

- Click **Test Configuration** to check the status of the collector you configured.
- In the Installed Data Collectors page, use the options menu on the right of each collector to edit the data collector. You can start, stop, and edit data collector configuration attributes.

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