⊋BOCADA.

NetApp SnapCenter
Plugin Configuration Guide

Contents

NetApp SnapCenter Backup Management Software

This is a guide for the Bocada plugin for NetApp SnapCenter Server backup management software. Bocada also offers a NetApp ONTAP plugin NetApp Appliances which is documented in a separate Configuration Guide.

NetApp SnapCenter informational page:
https://www.netapp.com/data-protection/backup-recovery/snapcenter-backup-management/

NetApp SnapCenter Configuration Checklist

This checklist is an overview of the steps required to configure NetApp SnapCenter Collections on your Bocada Data Collection Server. Detailed instructions are below.

- ☐ Verify that you are using SnapCenter Server 4.4 or later version (4.3 and earlier will not work).
- ☐ Verify access from Bocada DCS to SnapCenter Server API website.
- ☐ Obtain SnapCenter Server Base URL Never Expiring Token. See Appendix A for instructions.

Supported Collection Types

The NetApp SnapCenter plugin, supports the following collection types:

Collection Type	Supported	Description
Backup	✓	Collects transactional details about backup, duplication and restore jobs. Example metrics include, start times, durations, files, errors etc. This includes In Progress jobs.
Storage		Collects point-in-time inventory information. Example metrics include, total recoverable gigabytes (storage), media volume count, media volume status, etc.
Policy		Collects and stores information on policy attributes, schedules, storage units, storage groups, storage lifecycle policies, and clients.

For reporting on NetApp Storage and replications between NetApp devices, please use the Bocada NetApp ONTAP plugin.
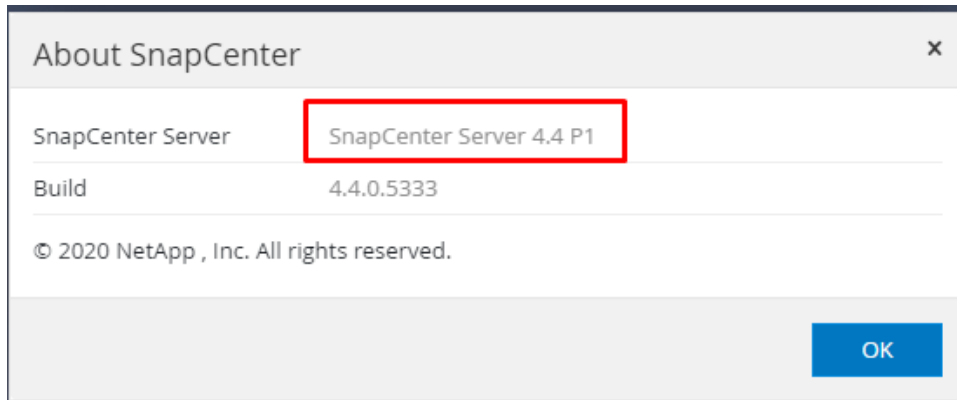
Data Sources

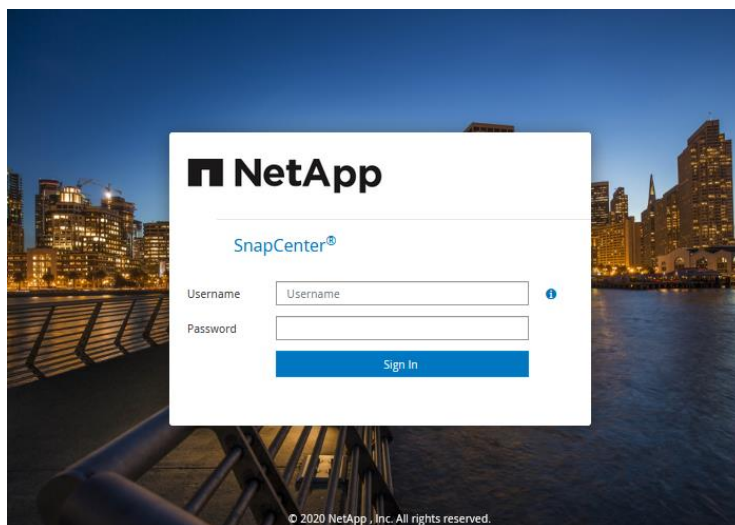The plugin relies on SnapCenter Server REST API version 4.4.

Verify the connectivity from the Bocada DCS to the SnapCenter Server API website by putting the URL into a browser on the DCS. The format of the URL is https://your-host-name:portNumber, for example

https://mysnapcenter.myco.com:8146

You should see your NetApp SnapCenter Server sign in page or About SnapCenter message box page:

OR

Setup

Server Properties

Backup Server Properties determine how the plugin will interact with your SnapCenter server.

Field Definitions

Servers name
Enter your preferred name for the server. It must be a single string with only letters, numbers, dot (.), hyphen (-), and underscore.

SnapCenter Base URL
SnapCenter Base URL is the URL of your SnapCenter Server host which you can copy from browser address bar. For example, https://your-host-name:portNumber. Make sure to also copy the API port number.

Never Expiring Token
Enter the Never Expiring Token that you generated from the SnapCenter REST API using the instructions below.

Time Zone

Select the time zone where SnapCenter server resides. This setting ensures times are displayed consistently in environments that span multiple time zones.
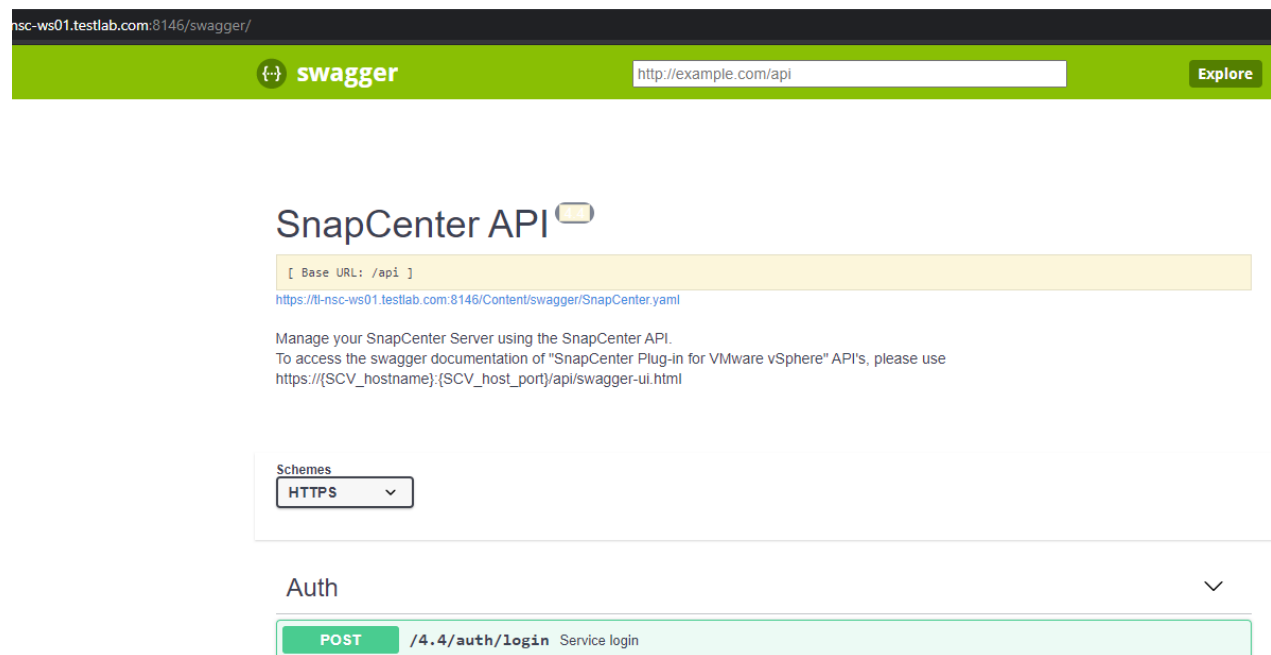
Reporting Notes

As with the SnapCenter user console, byte counts are not available for NetApp SnapCenter backup jobs.
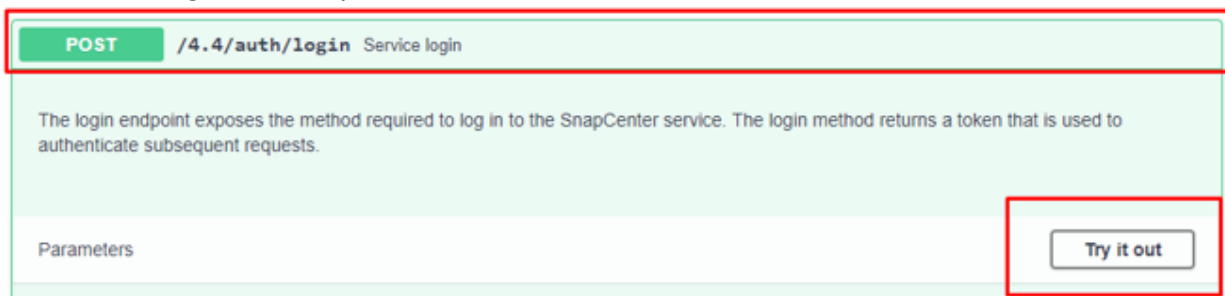
Appendix A: Obtaining Never Expiring Token from SnapCenter

The never Expiring Token is value generated from SnapCenter REST API based on SnapCenter user credentials. To generate it please open your SnapCenter Server Base URL in browser paste "*/swagger*" string after it and hit Enter.

For example: https://mysnapcenter.myco.com:8146/swagger

Click on "*auth/login*" then *"Try it out":*

Set "*TokenNeverExpires*" value to "*true*", *"Name"*(SnapCenter Username), *"Passphrase"*(SnapCenter Password). Remove *""Rolename": "string""* and *","* after "*Passphrase*" so model should be like on screenshot*:*

Click "Execute" button, scroll down after execution and copy "Token" value which is "Never Expiring Token" for SnapCenter plugin:

Execute	Clear

Responses

Response content type: application/json

Curl

```
curl -X POST "https://████████.testlab.com:8146/api/4.4/auth/login?TokenNeverExpires=true" -H "accept: application/json" -H
"Content-Type: application/json" -d "{ \"UserOperationContext\": { \"User\": { \"Name\": \"████████████\", \"Passphrase\":
\"███████\" } }}"
```

Request URL

```
https://████████testlab.com:8146/api/4.4/auth/login?TokenNeverExpires=true
```

Server response

Code	Details
200	Response body

```
        "ObjectId": 0,
        "PluginCode": 0,
        "PluginName": null,
        "HostId": 0,
        "RoleId": null,
        "JobIds": null
      },
      "User": {
        "Token":
"████████████████████████████████████████████
████████████████████████████████████████████
vUXeAKA9HQdlcyRsrl/4pcZoM+MSVhAWZcPAW3r20ljcjbw==",
        "Name": "pradmin",
        "TokenHashed": null,
        "Type": "",
        "TokenTime": "2024-06-04T1J:54:04.766E743-07:00"
```

Technical Support

For technical support or a copy of our standard support agreement, please contact us.

E-mail:	support@bocada.com
Support Portal:	https://bocada-support.force.com
Phone:	+1-425-898-2400