BOCADA

Bocada PowerProtect Data Manager
Plugin Configuration Guide

Contents

1 PowerProtect Data Manager Configuration Checklist

While detailed steps are included below, this is an overview of the steps to configure PowerProtect Data Manager collections on your Bocada Data Collection Server (DCS):

Step	Check	Description
1	☐	Create **Username** and **Password** for Bocada to connect to PowerProtect Data Manager REST API. The user needs *read only* role. Here is the link to check the access role **https://developer.dell.com/apis/4378/versions/19.9/docs/getting%20started/authentication-and-authorization.md**
2	☐	Identify URL for PowerProtect Data Manager RESTP API. Default Port is **8443**

2 Supported Collection Types

The Bocada PowerProtect Data Manager plugin supports the following collection types:

Collection Type	Supported	Description
Backup	✔	Collects transactional details about replication jobs. Example metrics include, start times, durations, bytes, files, errors etc.
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.

3 Data Sources

The plugin relies on the PowerProtect Data Manager 19.9 REST API (the current API version is v2). REST API Technical documentation can be found here
https://developer.dell.com/apis/4378/versions/19.9/docs/introduction.md

4 Requirements

This section lists the detail requirements that must be met prior to collecting data with the Bocada plugin for PowerProtect Data Manager.

4.1 Credentials

Create Username and **Password** for Bocada to connect to PowerProtect Data Manager REST API. The user needs *read only* role. Here is the link to check the access role
https://developer.dell.com/apis/4378/versions/19.9/docs/getting%20started/authentication-and-authorization.md

4.2 Firewall Port Configuration

The following ports are required to be open for the plugin to communicate with PowerProtect Data Manager for the collection of data:

Service / Daemon	Default Port	Notes
REST API	8443/TCP	Default port for PowerProtect Data Manager REST API.

5 Bocada Setup

Adding a PowerProtect Data Manager to Bocada is the same as setup of any backup server.

5.1 Server Properties

Backup Server Properties determine how the plugin will interface with the PowerProtect Data Manager.

Field Name	Description
Server name	Enter a name for the PowerProtect Data Manager server name.
Backup Product	Select PowerProtect Data Manager from the dropdown menu
Username	Username to authenticate onto PowerProtect Data Manager REST API.
Password	Password to authenticate onto PowerProtect Data Manager REST API.
Port	REST API port (default port is 8443).
Time Zone	Select the time zone where PowerProtect Data Manager server resides.

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	This setting ensures times are displayed consistently in environments that span multiple time zones.

6   Reporting Notes

The Bocada plugin for PowerProtect Data Manager reports on the following Jobs:

- Protection Jobs
- System Jobs (Cloud Disaster Recovery, Cloud Copy Recover, Disaster Recovery)

7   Troubleshooting

7.1   Test Connection

Test Connection validates the server properties by connecting to authenticate to PowerProtect Data Manager REST API.

- A **Successful** test connection indicates connection and logon is successful and data collection is ready to be scheduled.
- A **Failed** test connection typically indicates the network connection is blocked, the server name is incorrect, or the user credentials cannot access the REST API.

7.2   Verify Connectivity

You can use a bowser to verify connectivity to your PPDM REST API URL. The URL should be of the form below, possibly with http instead of https.

https://myppdmservername:8443

You should see a message similar to one of these::
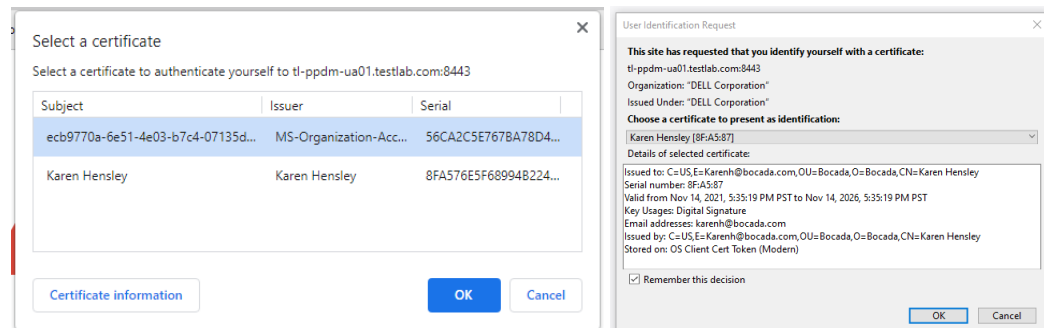
8   Technical Support

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

E-mail: support@bocada.com

Support Portal: http://www.bocada.com/product-support/

Phone: +1-425-898-2400