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**Bocada PowerProtect Data Manager**

**Plugin Configuration Guide**

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# 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 |

# 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. |

# 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>

# Requirements

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

## 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**](https://developer.dell.com/apis/4378/versions/19.9/docs/getting%20started/authentication-and-authorization.md)

## 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. |

# Bocada Setup

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

## Server Properties

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

Graphical user interface, text, application, email

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

# 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)

# Troubleshooting

## 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.

## 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::

Graphical user interface, text, application, email

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# Technical Support

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

**E-mail:** [support@bocada.com](mailto:support@bocada.com)

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

**Phone:** +1-425-898-2400

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