



StoreOnce Plugin Configuration Guide

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StoreOnce Configuration Checklist

While detailed steps are included below, this is an overview of the steps to configure StoreOnce collections on your Bocada Data Collection Server:

- ☐ Open port through firewall from Bocada to StoreOnce on port 443
- ☐ Obtain credentials for user with the required permissions

Supported Collection Types

The plugin currently supports the following collection types from StoreOnce servers:

Collection Type	Supported	Description
Backup	✓	Collects transactional details about copy 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 following StoreOnce data sources:

- REST API

Requirements

The Bocada Data Collection Server must be able to connect to the StoreOnce Server on the port(s) listed in the table below.

Network Ports

Service	Default Port	Note
HTTPS	443	REST API connection through HTTPS to https://<StoreOnce_servername>

User Configuration & Bocada Setup

Bocada collects all data for which the supplied user credentials have access. Users can be configured in User-level data access.

Bocada Setup

Server Properties

Backup Server Properties determine how the plugin will interface with the StoreOnce server and are managed through the Backup Servers view.

Add Servers

Servers | Schedules | Settings | Updates

Servers name to add: mystoreonce

Product for these servers: StoreOnce v1

Data Collection Server: tl-dcs-ws06.Testlab.com

Configure Server Properties

Username: myusername

Password:

Time Zone: (GMT-08:00) Pacific Time (US & Canada); Tlj

[Show Advanced Properties](#)

Connection Test

CANCEL PREVIOUS **NEXT** **FINISH**

Field Definitions

Username & Password

Enter the username and password for a StoreOnce user.

Time Zone

Select the time zone where StoreOnce server resides. This setting defines how job times will be shifted when reporting across different time zones.

Reporting Notes

StoreOnce Copy Job Reports

If you are copying data between StoreOnce devices then you will see copy jobs reported in the usual Bocada backup job reports. Those reports, such as Job Trends and Job Activity reports, are described in the Bocada Reporting Guide. You will see jobs reported for both the source StoreOnce and the destination StoreOnce. Job types include:

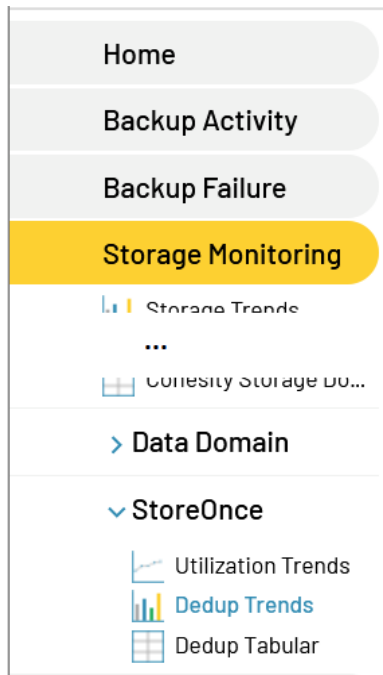
- Copy Source
- Copy Destination

StoreOnce Storage is in Dedicated Reports and Standard Bocada Reports

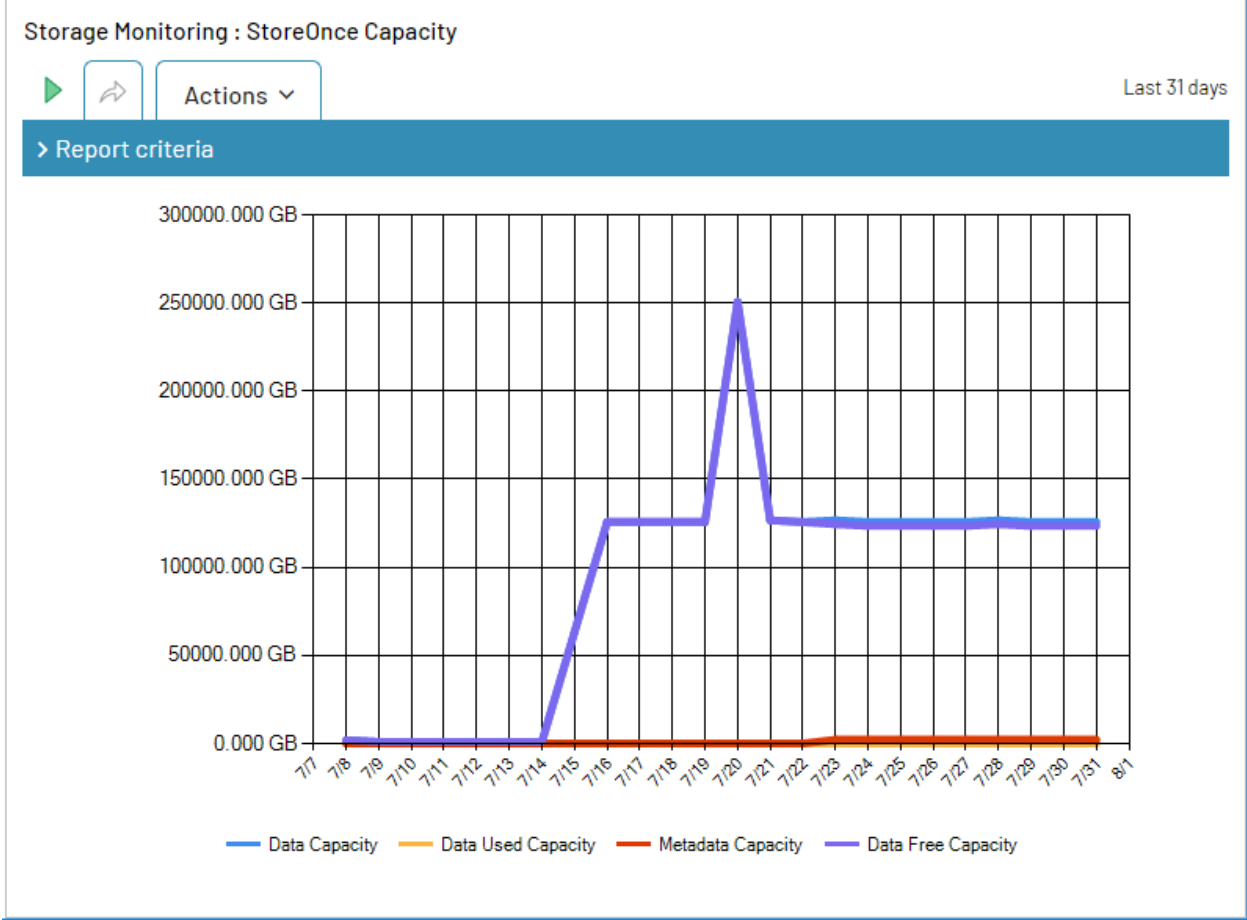
Storage data collection in Bocada is based on a snapshot of the StoreOnce when the data was collected.

Dedicated StoreOnce Storage Reports

There are three dedicated StoreOnce storage reports in Bocada:



StoreOnce Utilization Trends Report



StoreOnce Dedup Trends Report

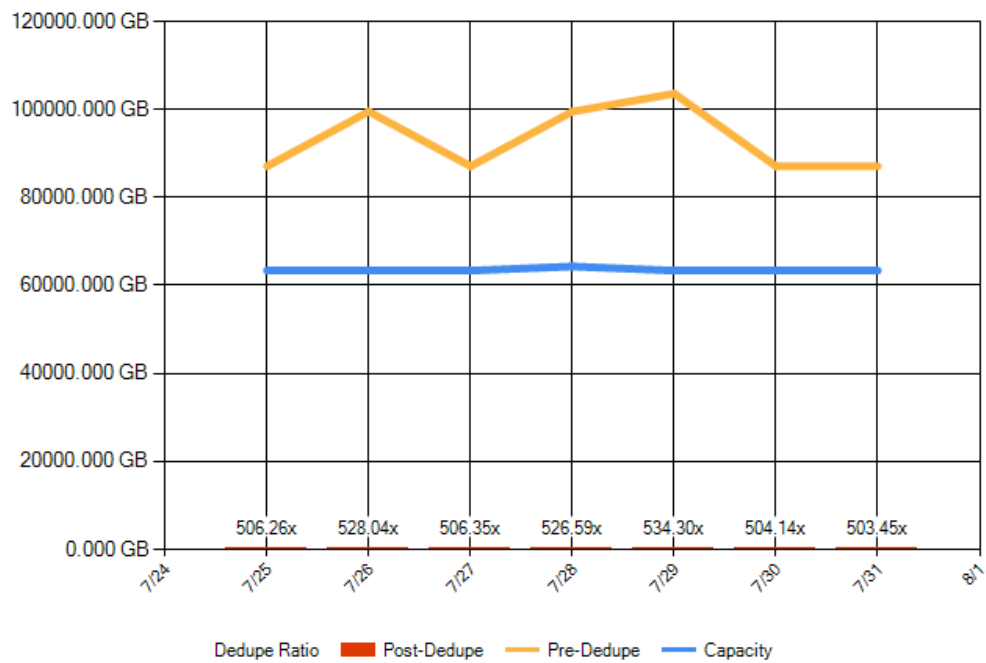
Storage Monitoring : StoreOnce Trends report



Actions ▾

Last 7 days Backup Server Time

> Report criteria






The StoreOnce Dedup Trends report shows only Store/Share/Library data bytes.

- Pre-Dedupe bytes in the report are the User Bytes"
- Post-Dedupe bytes in the report are the Disk Bytes
- Dedupe ratio in Bocada is shown as Pre- Dedupe /Post- Dedupe





StoreOnce Trends Tabular Report

Storage Monitoring : StoreOnce Trends Tabular report



 Actions ▾
 Last 7 days

Report criteria Server 

Server	Store/Share/Library	Data Type	2020/07/25	2020/07/26	2020/07/27	2020/07/28
10.12.12.40	Single-Service-Set-1-C...	Pre-Dedupe	14597.413	16679.825	14595.685	16679.825
10.12.12.40	Single-Service-Set-1-C...	Post-Dedupe	32.864	35.604	32.743	35.604
10.12.12.40	Single-Service-Set-1-C...	Dedupe Ratio	444.18	468.48	445.77	468.48
10.12.12.40	Single-Service-Set-2-C...	Pre-Dedupe	209.621	238.563	209.034	238.563
10.12.12.40	Single-Service-Set-2-C...	Post-Dedupe	13.25	13.305	13.083	13.305
10.12.12.40	Single-Service-Set-2-C...	Dedupe Ratio	15.82	17.93	15.98	17.93
▾ Server: tl-sto-01.testlab.com [21]						
tl-sto-01.testlab.com	dpws04-sto01-catstore	Pre-Dedupe	6.319	6.319	6.319	6.319
tl-sto-01.testlab.com	dpws04-sto01-catstore	Post-Dedupe	0.938	0.942	0.946	0.946
tl-sto-01.testlab.com	dpws04-sto01-catstore	Dedupe Ratio	6.74	6.71	6.68	6.68
tl-sto-01.testlab.com	dpws04-sto01-catstore	Pre-Dedupe	1.7	1.7	1.7	1.7

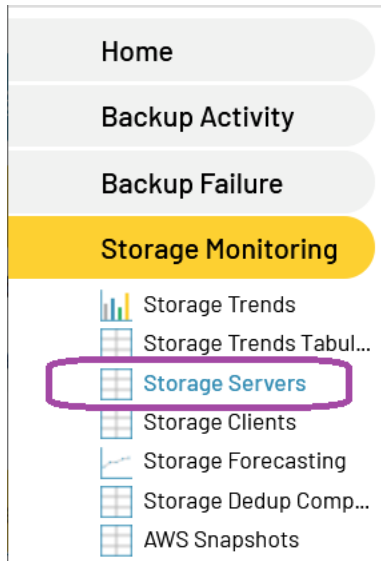




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The StoreOnce reports all show bytes in binary GB aka GiB by default, but the selection criteria allows you to select other units, such as TB.

- Pre-Dedupe bytes in the report are the User Bytes
- Post-Dedupe bytes in the report are the Disk Bytes
- Dedupe ratio in Bocada is shown as Pre- Dedupe /Post- Dedupe

Standard Bocada Reports for StoreOnce Storage

The Bocada Storage Servers report shows the StoreOnce capacity and usage. The count of volumes is a count of Service Sets in StoreOnce.



Storage Monitoring : Storage Servers StoreOnce

Actions ▾ ▶ Last 30 days Default ((GMT-08:00) Pacific Time (US & Canada); Tijuana)

Report criteria (Drag column here to group by it)

Server	Media Library	% Total Volume Free	▾ % Total Volume Usage	Total Volume Capacity (GB)	Total Volume Usage (GB)	Total Volume Free (GB)
tl-sto-01.testlab.com	n/a (tl-sto-01.testlab.com)	99.64	0.36	941.929	3.407	938.522
tl-sto-02.testlab.com	n/a (tl-sto-02.testlab.com)	99.93	0.07	941.929	0.655	941.274

Byte count unit: GB ▾ View 1 - 2 of 2

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

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Protected by U.S patents 6,640,217; 6,708,188; 6,745,210; 7,457,833; 7,469,269; 7,496,614; 8,407,227.

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