



# Oracle ZFS Storage Appliance data collector

## Cloud Insights

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# Table of Contents

- Oracle ZFS Storage Appliance data collector ..... 1
  - Terminology..... 1
  - Requirements ..... 1
  - Configuration..... 1
  - Advanced configuration..... 2
  - Troubleshooting..... 2

# Oracle ZFS Storage Appliance data collector

Cloud Insights uses the Oracle ZFS Storage Appliance data collector to gather inventory and performance data.

## Terminology

Cloud Insights acquires inventory information with the ceph data collector. For each asset type acquired by Cloud Insights, the most common terminology used for this asset is shown. When viewing or troubleshooting this data collector, keep the following terminology in mind:

Vendor/Model Term	Cloud Insights Term
Disk (SSD)	Disk
Cluster	Storage
Controller	Storage Node
LUN	Volume
LUN Map	Volume Map
Initiator,Target	Volume Mask
Share	Internal Volume

Note: These are common terminology mappings only and might not represent every case for this data source.

## Requirements

- Host names for the ZFS Controller-1 and the ZFS Controller-2
- Administrator user name and password
- Port requirement: 215 HTTP/HTTPS

## Configuration

Field	Description
ZFS Controller-1 Hostname	Host name for storage controller 1
ZFS Controller-2 Hostname	Host name for storage controller 2
User name	User name for the storage system administrator user account
Password	Password for the administrator user account

# Advanced configuration

Field	Description
Connection Type	HTTPS or HTTP, also displays the default port
Override Connection Port	If blank, use the default port in the Connection Type field, otherwise enter the connection port to use
Inventory poll interval	The default is port 60 seconds
Performance Poll Interval (sec)	The default is 300.

## Troubleshooting

Some things to try if you encounter problems with this data collector:

### Inventory

Problem:	Try this:
"Invalid login credentials"	validate Zfs user account and password
"Configuration error" with error message "REST Service is disabled"	Verify REST service is enabled on this device.
"Configuration error " with error message "User unauthorized for command"	<p>Likely due to certain roles (for example, 'advanced_analytics') are not included for the configured user &lt;userName&gt;.</p> <p>Possible Solution:</p> <ul style="list-style-type: none"><li>* Correct the Analytics (statistic) scope for the user \${user} with the read only role:</li><li>- From the Configuration → Users screen, put your mouse over the role and double click to allow editing</li><li>- Select "Analytics" from the Scope drop down menu. A list of the possible properties appears.</li><li>- Click the top most check box and it will select all three properties.</li><li>- Click the Add button on the right side.</li><li>- Click the Apply button at the top right of the pop-up window. The pop-up window will close.</li></ul>

Additional information may be found from the [Support](#) page or in the [Data Collector Support Matrix](#).

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