



Oracle ZFS Storage Appliance data collector

Cloud Insights

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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 <userName>.</p> <p>Possible Solution:</p> <ul style="list-style-type: none">* Correct the Analytics (statistic) scope for the user \${user} with the read only role:- From the Configuration → Users screen, put your mouse over the role and double click to allow editing- Select "Analytics" from the Scope drop down menu. A list of the possible properties appears.- Click the top most check box and it will select all three properties.- Click the Add button on the right side.- Click the Apply button at the top right of the pop-up window. The pop-up window will close. |

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

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