



Release Notes for Cisco UCS Manager Adapter, Release 1.x

For VMware vCenter Operations Manager

First Published: December 2015

Current Release: 1.x

This document describes the system requirements, new features, information about the images, resolved caveats, known caveats, and workarounds for Cisco UCS Manager Adapter, Release 1.x. This document also includes current information that became available after the technical documentation was published.

Use these release notes as a supplement with the other documents listed in the documentation roadmap at [Cisco UCS B-Series Servers Documentation Roadmap](#).

Make sure to review other available documentation on Cisco.com to obtain the most current information about Cisco UCS Manager Adapter, Release 1.x

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Revision History

Table 1 shows the revision history:

Table 1 Online History Changes

| Revision | Release | Date | Description |
|----------|---------|---------------|---|
| A0 | 1.0 | January 2015 | Created Release notes for Cisco UCS Manager Adapter, Release 1.0 |
| B0 | 1.1(1) | August 2015 | Following changes were made in this revision: <ul style="list-style-type: none"> • Added Known Limitations section • Updated Open Caveats and New Features sections • Added resource kinds and supported metrics |
| C0 | 1.1(2) | December 2015 | Updated New Features section |

Introduction

UCS Manager Adapter for vCenter Operations Manager enables monitoring the UCS domains on the Operations Manager console. The pack uses the XML API exposed by the Cisco UCS Manager to get the monitoring data from the UCS domains. You can use this data to monitor the health and faults of the various resources in the UCS domain and its impact on the virtual infrastructure running on it.

System Requirements

VMware vCenter Operations Manager

Before installing Cisco UCS Manager adapter, ensure that the VMware vCenter Operations Manager version 5.8 is installed on your machine.

Cisco UCS Manager

Cisco UCS Manager adapter is compatible with the following Cisco UCS Manager releases:

- Release 2.0
- Release 2.1
- Release 2.2
- Release 3.0

New Features

Release 1.1(2)

- Added support for Cisco UCS Manager 2.0

Release 1.1(1)

This section briefly describes the new features introduced in this release:

- Added the following dashboards in the custom UI page:
 - UCS PSU and Fan Statistics
 - Fabric Interconnect Traffic Statistics
 - UCS Server Motherboard Statistics
 - Server Traffic Statistics
- Added the following resource kind and the supported metrics:

Table 2 **Resource Kinds and Metrics**

| Resource Kind | List of Metrics |
|--|---|
| Chassis | Operational State Score Operational State Faults |
| Fabric Interconnect | Operational State Score Operational State Faults Load average, cumulative Memory Available Average, Cumulative (MB) Memory Cached Average, Cumulative (MB) |
| Servers, Fabric Extenders, FI-IO Modules, and Server Adapter Units | Operational State Score Operational State Faults |
| Service Profiles | Association State Score Association State Faults |

| Resource Kind | List of Metrics |
|--|--|
| Server Motherboard | Operational State Score Operational State Faults Input Voltage (Volts) Input Current (Amps) Consumed Power (Watts) Rear Temperature (Celsius) Front Temperature (Celsius) |
| Memory Units | Operational State Score Operational State Faults DDR Array Temperature (Celsius) |
| Fans | Operational State Score Operational State Faults Speed (RPM) |
| Uplink Ports, Server Ports, FCoE Storage Ports, FCoE Uplink Ports, Appliance Ports, Eth Port Channels, FCoE Port Channels, Fc Port Channels, FC Ports, Server DCE Interfaces, vHBAs, vNICs and iSCSI vNICs | Operational State Score Operational State Faults Rx Error-Total(packets) Rx Error-Delta(packets/sec) Tx Error-Total(packets) Tx Error-Delta(packets/sec) Tx-Total(bytes) Tx-Delta(bytes/sec) Tx-Total(packets) Tx-Delta(packets/sec) Rx-Total(bytes) Rx-Delta(bytes/sec) Rx-Total(packets) Rx-Delta(packets/sec) |

| Resource Kind | List of Metrics |
|------------------------|---|
| Power State Unit (PSU) | Operational State Score Operational State Faults Output Power (W) Output Voltage (Volts) Output Current (Amps) Internal Temperature (Celsius) Input Voltage (Volts) Power |
| Processor Units | Operational State Score Operational State Faults CPU Temperature (Celsius) Input Current (Amps) |

Release 1.0

This section briefly describes the new features introduced in this release:

- Custom dashboard to view the UCS domains and its resources, such as fabric interconnect, fabric extender, IO module, UCS chassis, UCS blade servers, UCS rack servers, associated service profiles, and FI-IO module.
- Viewing the health and fault badges for the UCS resources.
- Correlation between the UCS servers and the ESXi hosts enabling you to quickly get the UCS server details for a particular VM or ESXi.
- Displaying of UCS faults as alerts in operations manager user interface.

Known Limitations

Release 1.1(1)

Following are the known limitations for this release:

- vCenter adapter passes incorrect health score to UCS Manager adapter. Health score for hosts and VMs shows incorrect value.
- Powered off filter does not work for ESXi hosts and VMs on the **UCSM** dashboard.
- **Metric Graph** widget does not reflect correct values for metrics of type string.
- Unlike UCS Manager, vCenter Operations Manager does not display faults (alerts) of logically related objects.

Open Caveats

Release 1.1(1)

This section lists the open caveats for Release 1.1(1).

Table 3

| Bug ID | Symptom | Workaround |
|------------|--|------------|
| CSCuv52320 | Statistics are not getting collected for PSUs and fans of FEX, rack servers, and fabric interconnects. Also, motherboards statistics are not getting collected for rack servers. | None |
| CSCus55304 | In the health tree widget, single service profile can be shown associated with two blade server. | None |

Related Documentation

For more information, you can access related documents from the following links:

- [Cisco UCS B-Series Servers Documentation Roadmap](#)
- [Cisco UCS Manager Management Pack, User Guide](#)

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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