

Release Notes for Cisco UCS Management Pack, Release 2.x For VMware vRealize Operations Manager

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Revision History

Release	Date	Description
2.0(6)	February 2023	Updated the section System Requirements .
		Added support for VMware vRealize Operations Manager version 8.10.
	July 2022	Added a note in System Requirements .
	November 2021	Added support for VMware vRealize Operations Manager version 8.6.
2.0(6)	October 2021	Updated with information on Release 2.0(6)
2.0(5)	July 2020	Added support for VMware vRealize Operations Manager version 8.0 and 8.1.
2.0(4)	February 2020	Updated the dependent libraries.

Release	Date	Description
2.0(3)	September 2017	Added support for Cisco UCS Manager Release 3.2
	April 2018	Added support for VMware vRealize Operations Manager Version 6.7
	October 2018	Added support for VMware vRealize Operations Manager Version 7.0
	May 2019	Added support for VMware vRealize Operations Manager Version 7.5
2.0(2)	May 2016	Updated with information on Release 2.0(2)
2.0(1)	April 2016	Published release notes for Cisco UCS Management Pack, Release 2.0(1)

Introduction

Cisco UCS Management Pack for the vRealize Operations Manager contains UCS Manager Adapter which enables monitoring of the UCS domains on the Operations Manager web UI. The pack uses the XML API exposed by the Cisco UCS Manager to get the data from the UCS domains. This data is used for monitoring the health and faults of the various resources in the UCS domain. This pack also establishes the relation between physical and virtual infrastructure.

System Requirements

The following is the support matrix for Cisco UCS Management Pack for the vRealize Operations Manager:

Cisco UCS Management Pack Version	Supported VMware vRealize Operations Manager Version	Supported UCS Manager Version
2.0(6)	8.3, 8.4, 8.5, 8.6 and 8.10	3.1, 3.2, 4.0, 4.1 and 4.2
2.0(5)	8.0 and 8.1	3.1, 3.2, 4.0 and 4.1
2.0(4)	6.6.1, 6.7, 7.0, and 7.5	3.1, 3.2 and 4.0
2.0(3)	6.3, 6.4, 6.5, 6.6, 6.7, 7.0, and 7.5	2.1, 2.2, 3.1, 3.2, and 4.0
2.0(2)	6.0, 6.1, 6.2, 6.3, and 6.4	2.1, 2.2, 3.0, and 3.1
2.0(1)	6.0 and 6.1	2.1, 2.2, 3.0, and 3.1



Note

Cisco UCS Management Pack is not supported with vRealize Operations Manager Cloud.



Note

Cisco UCSM Management Pack Version 2.0(6) is compatible with vROps 8.0 to 8.2 in non-FIPS mode but it is not certified by VMware. This management pack is certified by VMware for vROps 8.3 to 8.10 (FIPS and non-FIPS mode).



Note

Collection issue found in Cisco UCSM Management Pack Version 2.0(5) is resolved in the Version 2.0(6).



Note

Deprecated credentials have been removed in 2.0(6). If you added UCSM instances using deprecated credentials, then you have to add the credentials again for the UCSM instances.



Note

The vROPs 8.0 version might work with Cisco UCS Management Pack 2.0.4 after vROPs upgrade. However, it is recommended to upgrade to Cisco UCS Management Pack 2.0.5, as the 2.0.4 version is not certified with vROPs 8.0 and above.



Note

Running the UCS Management pack v2.0(3) for vROPs with Cisco UCS Manager Release 3.0 will display a collection status error. If you are on Cisco UCS Manager Release 3.0, upgrade to Cisco UCS Manager Release 3.1 or later releases to avoid this issue.



Note

If **Only TLS 1.2** option is enabled in Cisco UCS Manager, then use Cisco UCS Management Pack 2.0(3) or higher to manage your servers.



Note

Ensure that the vRealize Operations Manager configuration is as per the sizing guidelines. For more information on the sizing guidelines, see https://kb.vmware.com/s/article/2093783.

Upgrade to Cisco UCS Management Pack, Release 2.x

Any Cisco UCS Management Pack, Release 2.x can be upgraded to the latest release. Any upgrade prior to Release 2.0(1) is not supported. To upgrade the Management Pack, see the Cisco UCS Management Pack for VMware vRealize Operations Manager.



Important

If you are upgrading from 2.0(1) or 2.0(2) to higher versions, we recommend that you do the following:

- During installation, check the Reset Default Content check box for overwriting the alert definitions
- Restart the vRealize Operations Manager after the installation
- · Reconfigure all the adapter instances

New and Changed Features

This section provides an overview of the significant new and changed features in this release. This section does not provide an exhaustive list of all enhancements included in this release.

Release 2.0(6)

This section briefly describes the key features introduced in Cisco UCS Management Pack.

- New properties added: "Server Name" and "User Label"
- SDK upgraded to 8.3
- EULA update
- FIPS support
- Bug fix CSCvx26212: Adapter VROPs for Cisco UCS with collection problem
- Removal of deprecated credentials from vROps UI
- Other bug fixes

Release 2.0(5)

This section briefly describes the key features introduced in Cisco UCS Management Pack.

- Enhanced authentication mode using token-based APIs to communicate with vRealize Operations Manager
- VMware API call optimization
- Deprecated logger class changes
- Updated the dependent libraries
- Implementation of support for Python 3 during installation

Release 2.0(4)

This section briefly describes the key features introduced in Cisco UCS Management Pack.

• Updated the dependent libraries.

Release 2.0(3)

This section briefly describes the key features introduced in Cisco UCS Management Pack.

- Support for manual discovery of the resources
- Support for creating adapter instances using proxy server details
- Added resource kinds, metrics and properties related to S3X60 chassis and servers. For more information, see the following **Resource Kinds and Metrics** table

Resource Kinds and Metrics

The following table lists the resource kinds and the supported metrics for this release:

Resource Kind	Properties	Metrics
UCS Chassis	Storage Enclosure Serial	
	Storage Enclosure Model	
	Storage Enclosure Vendor	
	Storage Enclosure Local Disk Serial	
	Storage Enclosure Local Disk Model	
	Storage Enclosure Local Disk Firmware Version	
	Storage Enclosure Local Disk Servers Associated	
	Storage Enclosure Local Disk Vendor	
UCS Server	UUID	
	Blade Server Storage Enclosure Serial	
	Blade Server Storage Enclosure Model	
	Blade Server Storage Enclosure Vendor	
	Blade Server Storage Enclosure Local Disk Serial	
	Blade Server Storage Enclosure Local Disk Model	
	Blade Server Storage Enclosure Local Disk Firmware Version	
	Blade Server Storage Enclosure Local Disk Vendor	

Resource Kind	Properties	Metrics
UCS FI IO Module		Backplane Port Error Counter Align-Delta(packets/sec)
		Backplane Port Error Counter Deferred-Tx-Delta(packets/sec)
		Backplane Port Error Counter FCS-Delta(packets/sec)
		Backplane Port Error Counter Int-Mac-Rx-Delta(packets/sec)
		Backplane Port Error Counter Int-Mac-Tx-Delta(packets/sec)
		Backplane Port Error Counter Out Discard-Delta(packets/sec)
		Backplane Port Error Counter Rx Error-Delta(packets/sec)
		Backplane Port Error Counter Rx Error-Total(packets)
		Backplane Port Error Counter Tx Error-Delta(packets/sec)
		Backplane Port Error Counter Tx Error-Total(packets)
		Backplane Port Error Counter Under-Sized-Delta(packets/sec)
		Backplane Port Rx Counters Rx-Delta (Bps)
		Backplane Port Rx Counters Rx-Delta (packets/sec)
		Backplane Port Rx Counters Rx-Total (bytes)
		Backplane Port Rx Counters Rx-Total (packets)
		Backplane Port Tx Counters Tx-Delta (Bps)
		Backplane Port Tx Counters Tx-Delta (packets/sec)
		Backplane Port Tx Counters Tx-Total (bytes)
		Backplane Port Tx Counters Tx-Total (packets)

Resource Kind	Properties	Metrics
UCS System IO Controller	Serial	Operational State
UCS System IO Controller	Serial Model Firmware Version Shared Adapter Serial Shared Adapter Model Shared Adapter Firmware Version	Operational State Temperature Cmc Temperature (Celsius) Temperature Front Temperature (Celsius) Temperature Mid Temperature (Celsius) Temperature Rear Temperature (Celsius) Temperature Vic Temperature (Celsius) Shared Adapter Operational State Shared Adapter Fabric Port NI Error Counters Too Short (errors) Shared Adapter Fabric Port NI Error Counters Too Long (errors) Shared Adapter Fabric Port NI Error Counters In Range (errors) Shared Adapter Fabric Port NI Error Counters Frame Tx (errors) Shared Adapter Fabric Port NI Error Counters Frame Tx (errors) Shared Adapter Fabric Port NI Error Counters Frame Tx (errors)

Resource Kind	Properties	Metrics
UCS Service Profile		iSCSI vNIC Error Counters Rx-Error-Delta (packets/Sec)
		iSCSI vNIC Error Counters Tx-Error-Delta (packets/Sec)
		iSCSI vNIC Error Counters Rx-Error-Total (packets)
		iSCSI vNIC Error Counters Tx-Error-Total (packets)
		iSCSI vNIC Rx Counters Rx-Delta (Bps)
		iSCSI vNIC Rx Counters Rx-Delta (packets/sec)
		iSCSI vNIC Rx Counters Rx-Total (bytes)
		iSCSI vNIC Rx Counters Rx-Total (packets)
		iSCSI vNIC Tx Counters Tx-Delta (Bps)
		iSCSI vNIC Tx Counters Tx-Delta (packets/sec)
		iSCSI vNIC Tx Counters Tx-Total (bytes)
		iSCSI vNIC Tx Counters Tx-Total (packets)

Release 2.0(2)

This section briefly describes the key features introduced in Cisco UCS Management Pack.

- Support for vRealize Operations Manager 6.2, 6.3, and 6.4
- Added model, serial, vendor, and the firmware version for hardware resources as properties in UCS Manager adapter. For more information, see the following **Resource Kinds and Metrics** table
- · Includes defect fixes

Resource Kinds and Metrics

The following table lists the resource kinds and the supported metrics for this release:

Resource Kind	Properties	Metrics
UCS Chassis	Serial	Operational State
	Operational State	Input Power (watts)
	Model	Output Power (watts)
	PSU Serial	Fan Module Exhaust Temperature
	PSU Model	Fan Module Fan Speed (RPM)
	PSU Firmware Version	PSU Input Voltage (volts)
	Fan Module Serial	PSU Internal Temperature
	Fan Module Model	(celsius)
	Fan Module Fan Serial	PSU Output Current (Amps)
	Fan Module Fan Model	PSU Output Power (watts)
		PSU Output Voltage (volts)
UCS FI IO Module	Serial	Operational State
	Model	
	Firmware Version	

Resource Kind	Properties	Metrics
UCS Server		

Resource Kind	Properties	Metrics
	Serial	Operational State
	Current Operational Power	Operational Power
	Model	Blade Server Server Motherboard
	BIOS Version	Memory Array Memory Unit DDR Array Temperature (celsius)
	Board Controller Version	Blade Server Server Motherboard
	CIMC Controller Version	Power Consumed Power (watts)
	Blade Server Server Adaptor Unit Model	Blade Server Server Motherboard Power Input Current (Amps)
	Blade Server Mother Board Storage Controller Firmware	Blade Server Server Motherboard Power Input Voltage (volts)
	Version Blade Server Mother Board Storage Controller Model	Blade Server Server Motherboard Processor Unit CPU Temperature (celsius)
	Blade Server Mother Board Storage Controller Serial	Blade Server Server Motherboard Processor Unit Input Current
	Blade Server Mother Board	(Amps)
	Storage Controller Vendor	Blade Server Server Motherboard Temperature Front Temperature
	Blade Server Mother Board Storage Controller Local Disk	(celsius)
	Firmware Version	Blade Server Server Motherboard
	Blade Server Mother Board Storage Controller Local Disk	Temperature Rear Temperature (celsius)
	Model	Rack Unit Server Motherboard
	Blade Server Mother Board Storage Controller Local Disk	Memory Array Memory Unit DDR Array Temperature (celsius)
	Serial Blade Server Mother Board	Rack Unit Server Motherboard Power Consumed Power (watts)
	Storage Controller Local Disk Vendor	Rack Unit Server Motherboard Power Input Current (Amps)
	Blade Server Server Adaptor Unit Serial	Rack Unit Server Motherboard Power Input Voltage (volts)
	Blade Server Server Adaptor Unit Firmware Version	Processor Unit CPU Temperature
	Rack Unit Mother Board Storage Controller Firmware Version	(celsius) Rack Unit Server Motherboard
	Rack Unit Mother Board Storage Controller Model	Processor Unit Input Current (Amps)
	Rack Unit Mother Board Storage Controller Serial	Rack Unit Server Motherboard Temperature-Stats Front Temperature (celsius)

Resource Kind	Properties	Metrics
	Rack Unit Mother Board Storage Controller Vendor	Rack Unit Fan Module Fan Speed (RPM)
	Rack Unit Mother Board Storage Controller Local Disk Model	Rack Unit Fan Module Exhaust Temperature (celsius)
	Rack Unit Mother Board Storage Controller Local Disk Serial	Rack Unit PSU Input Voltage (volts)
	Rack Unit Mother Board Storage Controller Local Disk Firmware	Rack Unit PSU Internal Temperature (celsius)
	Version Rack Unit Mother Board Storage	Rack Unit PSU Output Current (Amps)
	Controller Local Disk Vendor Rack Unit Server Adaptor Unit Model	Rack Unit PSU Output Power (watts)
	Rack Unit Server Adaptor Unit Serial	Rack Unit PSU Output Voltage (volts)
	Rack Unit Server Adaptor Unit Firmware Version	
	Rack Unit PSU Model	
	Rack Unit PSU Serial	
	Rack Unit Fan Module Model	
	Rack Unit Fan Module Serial	
	Rack Unit Fan Module Fan Model	
	Rack Unit Fan Module Fan Serial	
	Rack Unit PSU Firmware Version	

Resource Kind	Properties	Metrics
UCS Fabric Interconnect	Serial	Operational State
	Model	Load-Average
	Kernel Version	Memory Available-Average
	Firmware Version	Memory Cached- Average
	PSU Serial	Fan Module Fan Speed (RPM)
	PSU Model	Fan Module Exhaust Temperature
	PSU Firmware Version	(celsius)
	Fan Module Serial	PSU Current (A)
	Fan Module Model	PSU Power (W)
	Fan Module Fan Serial	PSU Voltage (V)
	Fan Module Fan Model	

Resource Kind	Properties	Metrics
UCS IO Module	Serial	Operational State
	Model Firmware Version	Backplane Port Error Counter Align-Delta (packets/sec)
	Thinware version	Backplane Port Error Counter Deferred-Tx-Delta (packets/sec)
		Backplane Port Error Counter FCS-Delta (packets/sec)
		Backplane Port Error Counter Int-Mac-Rx-Delta (packets/sec)
		Backplane Port Error Counter Int-Mac-Tx-Delta (packets/sec)
		Backplane Port Error Counter Out Discard-Delta (packets/sec)
		Backplane Port Error Counter Rx Error-Delta (packets/sec)
		Backplane Port Error Counter Rx Error-Total (packets)
		Backplane Port Error Counter Tx Error-Delta (packets/sec)
		Backplane Port Error Counter Tx Error-Total (packets)
		Backplane Port Error Counter Under-Sized-Delta (packets/sec)
		Backplane Port Rx Counter Rx-Delta (Bps)
		Backplane Port Rx Counter Rx-Delta (packets/sec)
		Backplane Port Rx Counter Rx-Total (bytes)
		Backplane Port Rx Counter Rx-Total (packets)
		Backplane Port Tx Counter Tx-Delta (Bps)
		Backplane Port Tx Counter Tx-Delta (packets/sec)
		Backplane Port Tx Counter Tx-Total (bytes)
		Backplane Port Tx Counter Tx-Total (packets)

Resource Kind	Properties	Metrics
UCS Fabric Extender	Serial	Operational State
	Model	PSU Current (A)
	Firmware Version	PSU Power (W)
	PSU Serial	PSU Voltage (V)
	PSU Model	Fan Speed (RPM)
	PSU Firmware Version	
	Fan Serial	
	Fan Model	

Release 2.0(1)

This section briefly describes the key features introduced in Cisco UCS Management Pack.

- Support to collect metrics data for the resources discovered for the configured adapter instance automatically. For more information, see the following **Resource Kinds and Metrics** table
- Support for the following alerts generated by the adapter:
 - · UCS fault alerts
 - UCS domain unreachability alerts
 - Server power state change alerts
- Support to view UCS components and their relationship with other UCS and vCenter components in an inventory tree
 - UCSM Overview
 - UCS Health Tree
 - UCS Fabric Interconnect Traffic Statistics
 - UCS Power and Temperature Summary
 - UCS Server Motherboard Statistics

Resource Kinds and Metrics

The following table lists the resource kinds and the supported metrics for this release:

Resource Kind	Property	Metrics
UCS Domain	UCS Manager Version	Availability

Resource Kind	Property	Metrics
UCS Chassis	Serial	Operational State
		Input Power (watts)
		Output Power (watts)
		Fan Module Exhaust Temperature
		Fan Module Fan Speed (RPM)
		PSU Input Voltage (volts)
		PSU Internal Temperature (celsius)
		PSU Output Current (Amps)
		PSU Output Power (watts)
		PSU Output Voltage (volts)

Resource Kind	Property	Metrics
UCS Server	Serial	

Resource Kind	Property	Metrics
		Operational State
		Operational Power
		Blade Server Server Motherboard Memory Array Memory Unit DDR Array Temperature (celsius)
		Blade Server Server Motherboard Power Consumed Power (watts)
		Blade Server Server Motherboard Power Input Current (Amps)
		Blade Server Server Motherboard Power Input Voltage (volts)
		Blade Server Server Motherboard Processor Unit CPU Temperature (celsius)
		Blade Server Server Motherboard Processor Unit Input Current (Amps)
		Blade Server Server Motherboard Temperature Front Temperature (celsius)
		Blade Server Server Motherboard Temperature Rear Temperature (celsius)
		Rack Unit Server Motherboard Memory Array Memory Unit DDR Array Temperature (celsius)
		Rack Unit Server Motherboard Power Consumed Power (watts)
		Rack Unit Server Motherboard Power Input Current (Amps)
		Rack Unit Server Motherboard Power Input Voltage (volts)
		Rack Unit Server Motherboard Processor Unit CPU Temperature (celsius)
		Rack Unit Server Motherboard Processor Unit Input Current (Amps)
		Rack Unit Server Motherboard Temperature-Stats Front Temperature (celsius)

Resource Kind	Property	Metrics
		Rack Unit Fan Module Fan Speed (RPM)
		Rack Unit Fan Module Exhaust Temperature (celsius)
		Rack Unit PSU Input Voltage (volts)
		Rack Unit PSU Internal Temperature (celsius)
		Rack Unit PSU Output Current (Amps)
		Rack Unit PSU Output Power (watts)
		Rack Unit PSU Output Voltage (volts)
UCS Fabric Interconnect	Serial	Operational State
		Load-Average
		Memory Available-Average
		Memory Cached- Average
		Fan Module Fan Speed (RPM)
		Fan Module Exhaust Temperature (celsius)
		PSU Current (A)
		PSU Power (W)
		PSU Voltage (V)

Resource Kind	Property	Metrics
UCS Service Profile		

Resource Kind	Property	Metrics
		Association State
		vNIC Error Counter Rx-Error-Delta (packets/sec)
		vNIC Error Counter Tx-Error-Delta (packets/sec)
		vNIC Error Counter Rx-Error-Total (packets)
		vNIC Error Counter Tx-Error-Total (packets)
		vNIC Rx Counter Rx-Delta (Bps)
		vNIC Rx Counter Rx-Delta (packets/sec)
		vNIC Rx Counter Rx-Total (bytes)
		vNIC Rx Counter Rx-Total (packets)
		vNIC Tx Counter Tx-Delta (Bps)
		vNIC Tx Counter Tx-Total (Bps)
		vNIC Tx Counter Tx-Total (packets/sec)
		vNIC Tx Counter Tx-Delta (packets/sec)
		vHBA Error Counter Rx-Error-Delta (packets/sec)
		vHBA Error Counter Tx-Error-Delta (packets/sec)
		vHBA Error Counter Rx-Error-Total (packets)
		vHBA Error Counter Tx-Error-Total (packets)
		vHBA Rx Counter Rx-Delta (Bps)
		vHBA Rx Counter Rx-Delta (packets/sec)
		vHBA Rx Counter Rx-Total (bytes)
		vHBA Rx Counter Rx-Total (packets)
		vHBA Tx Counter Tx-Delta

Resource Kind	Property	Metrics
		(Bps)
		vHBA Tx Counter Tx-Delta (packets/sec)
		vHBA Tx Counter Tx-Total (bytes)
		vHBA Tx Counter Tx-Total (packets)

Resource Kind	Property	Metrics
UCS IO Module	Serial	Operational State
		Backplane Port Error Counter Align-Delta (packets/sec)
		Backplane Port Error Counter Deferred-Tx-Delta (packets/sec)
		Backplane Port Error Counter FCS-Delta (packets/sec)
		Backplane Port Error Counter Int-Mac-Rx-Delta (packets/sec)
		Backplane Port Error Counter Int-Mac-Tx-Delta (packets/sec)
		Backplane Port Error Counter Out Discard-Delta (packets/sec)
		Backplane Port Error Counter Rx Error-Delta (packets/sec)
		Backplane Port Error Counter Rx Error-Total (packets)
		Backplane Port Error Counter Tx Error-Delta (packets/sec)
		Backplane Port Error Counter Tx Error-Total (packets)
		Backplane Port Error Counter Under-Sized-Delta (packets/sec)
		Backplane Port Rx Counter Rx-Delta (Bps)
		Backplane Port Rx Counter Rx-Delta (packets/sec)
		Backplane Port Rx Counter Rx-Total (bytes)
		Backplane Port Rx Counter Rx-Total (packets)
		Backplane Port Tx Counter Tx-Delta (Bps)
		Backplane Port Tx Counter Tx-Delta (packets/sec)
		Backplane Port Tx Counter Tx-Total (bytes)
		Backplane Port Tx Counter Tx-Total (packets)

Resource Kind	Property	Metrics
UCS Fabric Extender	Serial	Operational State
		PSU Current (A)
		PSU Power (W)
		PSU Voltage (V)
		Fan Speed (RPM)

Resource Kind	Property	Metrics
UCS FI Server Port	Operating Speed	Operational State
UCS FI Uplink Port		Error Counter Align-Delta (packets/sec)
UCS FI FcoE Storage Port UCS FI FcoE Uplink Port		Error Counter Deferred-Tx-Delta (packets/sec)
UCS FI Appliance Port UCS FI Eth Port Channel		Error Counter FCS-Delta (packets/sec)
		Error Counter Int-Mac-Rx-Delta (packets/sec)
		Error Counter Int-Mac-Tx-Delta (packets/sec)
		Error Counter Out Discard-Delta (packets/sec)
		Error Counter Rx Error-Delta (packets/sec)
		Error Counter Rx Error-Total (packets)
		Error Counter Tx Error-Delta (packets/sec)
		Error Counter Tx Error-Total (packets)
		Error Counter Under-Sized-Delta (packets/sec)ra
		Rx Counter Rx-Delta (Bps)
		Rx Counter Rx-Delta (packets/sec)
		Rx Counter Rx-Total (bytes)
		Rx Counter Rx-Total (packets)
		Rx Counter Rx-Utilization (%)
		Tx Counter Tx-Delta (Bps)
		Tx Counter Tx-Delta (packets/sec)
		Tx Counter Tx-Total (bytes)
		Tx Counter Tx-Total (packets)
		Tx Counter Tx-Utilization (%)

Resource Kind	Property	Metrics
UCS FI FC Port	Operating Speed	Operational State
UCS FI FCoE Port Channel UCS FI FC Port Channel		Error Counter Rx-Delta (packets/sec)
ces iff e fort endanter		Error Counter Rx Error-Total (packets)
		Error Counter Tx-Delta (packets/sec)
		Error Counter Tx Error-Total (packets)
		Rx Counter Rx-Delta (Bps)
		Rx Counter Rx-Delta (packets/sec)
		Rx Counter Rx-Total (bytes)
		Rx Counter Rx-Total (packets)
		Rx Counter Rx-Utilization (%)
		Tx Counter Tx-Delta (Bps)
		Tx Counter Tx-Delta (packets/sec)
		Tx Counter Tx-Total (bytes)
		Tx Counter Tx-Total (packets)
		Tx Counter Tx-Utilization (%)
		Note Rx Utilization and Tx Utilization metrics are not supported for UCS FI FCoE Port Channel.
UCS FI IO Module	Serial	Operational State

Resolved Caveats

The following table lists the resolved caveats in the Cisco UCS Management Pack for vROps:

Defect ID	Symptom	First Affected Release	Resolved in Release
CSCvx26212	Adapter VROPs for Cisco UCS with collection problem.	2.0(5)	2.0(6)
CSCvt93276	Collection Status No data receiving. Error: API call failed, reason = 401		2.0(5)

Defect ID	Symptom	First Affected Release	Resolved in Release
CSCuw47776	Manual discovery feature is not supported in this release	2.0(1)	2.0(3)
CSCuz18132	FI and FI Ethernet port relationship is not updated	2.0(1)	2.0(2)

Related Cisco UCS Documentation and Documentation Feedback

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

- Cisco UCS Management Pack User Guide, Release 2.x for VMware vRealize Operations Manager
- Cisco UCS Documentation Roadmap
- Release Bundle Contents for Cisco UCS Software, Release 4.1

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