Cisco UCS Performance Manager Release Notes

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Release 1.1.0

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About this document

Cisco UCS Performance Manager Release Notes contains important information about Cisco UCS Performance Manager Express and Cisco UCS Performance Manager releases and upgrades.

Note For convenience, this document uses "Cisco UCS Performance Manager" generically. When needed, differences between the two products are noted explicitly.

Scope

This document provides information about the following releases of Cisco UCS Performance Manager:

- Release 1.1.0 (March 2015)
- Release 1.0.0 (October 2014)

In addition, this document includes information about the following recommended patch set (RPS) packages:

- (none)

Changes to this document

Date	Description
March 2015	Added the *Feature changes*, *Fixed issues*, and *Caveats* topics.
	Added a table of open issues associated with this release to *Open issues*.

System requirements

Cisco UCS Performance Manager software is distributed as the following, self-contained packages:

- A self-installing ISO package for Microsoft Hyper-V systems
- A VMware OVA package for vSphere systems

The packages include both the run-time environment (CentOS 6.5) and the application software, and are ready to install on virtual machines.

Minimum system requirements

Cisco UCS domain size		Cisco UCS Performance Manager virtual machine size		
Category	**Monitored Servers**	**Cores**	**Memory**	**Storage**
Small	1-50	4	32GB	50GB
Medium	51-100	8	64GB	100GB
Large	101-500	12	96GB	150GB

Note Cisco UCS Performance Manager requires a storage subsystem that supports a minimum of 500 IOPS (input/output operations per second).

Supported client and browser combinations

Note All browsers must have Adobe® Flash® Player 11 installed, or a more recent version.

Client OS	Supported Browsers
Windows 7 and 8.1	Internet Explorer 10 and above (compatibility mode is not supported)
	Firefox 30 and above
	Chrome 30 and above
Macintosh OS/X	Firefox 30 and above
	Chrome 30 and above
	Safari 7 and above
Linux/RHEL	Firefox 30 and above
	Chrome 30 and above

Feature changes

New features in release 1.1.0

Feature	Description	Where documented
Cisco UCS Performance Manager Express and Cisco UCS Performance Manager Features	▪ Cisco UCS Performance Manager Express provides monitoring for Cisco UCS Domains, Linux and Microsoft Windows servers, and hypervisor servers. ▪ Cisco UCS Performance Manager provides monitoring for Cisco UCS Domains, Linux and Microsoft Windows servers, hypervisor servers, network devices, and storage devices.	*Cisco UCS Performance Manager Installation Guide*
Cisco Nexus 7000 Series Switch Support	Cisco UCS Performance Manager can monitor the switches. (Cisco UCS Performance Manager Express can not.)	*Cisco UCS Performance Manager Installation Guide*
Cisco UCS B- and C-Series M4 Server Support	Cisco UCS Performance Manager and Cisco UCS Performance Manager Express can monitor these servers.	*Cisco UCS Performance Manager Installation Guide*
Report printing	Reports containing graphs can be printed.	*Cisco UCS Performance Manager Administration Guide*
Licensing	Product license keys are now distributed as files.	*Cisco UCS Performance Manager Installation Guide*

Fixed issues

Release 1.1.0

ID	Description	Status
ZEN-14085	Need to change the property manually for 'cpu command timeout' issues when monitoring the Cisco UCS Performance Manager Linux server (the virtual machine itself).	Fixed
ZEN-14495	Event info discrepancy between topology view and UCS domain view in the dashboard topology. No critical event in the left pane. Many critical icons in the topology view on the right.	Not reproducible
ZEN-14837	The NetApp monitor may receive an XML response from a Filer that is larger than its receive buffer, causing inaccurate modeling or data collection.	Fixed
ZEN-14849, 15942	In the Add Infrastructure wizard, the protocol shown for NetApp Filer C-Mode and 7-Mode devices is SSH, and should be ZAPI.	Fixed

Known issues

Release 1.1.0

ID	Description	Status
ZEN-12243	When Cisco UCS Performance Manager is newly-installed, users may see expressions rather than results in the Message and Summary fields of UCS devices. As data is collected, the expressions are replaced with results.	Open
ZEN-13752	Unable to search for a particular model of a component from top-level search.	Open
ZEN-13932	For Windows servers, OS manufacturer shows 'unknown', hardware manufacturer shows 'Microsoft'.	Open
ZEN-13933	For Windows servers installed on a blade, processor descriptions all 'uknown'.	Open
ZEN-14197	Icons for Linux servers is incorrect and not consistent in some places.	Open
ZEN-14200	Icons in physical and logical storage view of EMC storage device are incorrect.	Open
ZEN-14201	Icons of individual network devices in dynamic view are incorrect.	Open
ZEN-14261	Physical Storage view for a NetApp filer in OnTap mode no longer shows disk drives within each aggregate.	Open
ZEN-14406	Chassis graph for UCS Mini domains not showing up in topology view (mini domains are not supported).	Open
ZEN-14710	To display working links in the Dynamic View of a Hyper-V device, the Windows machine hosting the Hyper-V service must be added as an IP address, not a hostname.	Open
ZEN-14739	Ascending and descending column sorting in table views works correctly, except in columns containing hostname or IP address values.	Open
ZEN-14843	Can not proceed if Setup Wizard session expires.	Open
ZEN-16107	In Dynamic View, the **Groups** label should be **Application Groups** and the **Systems** label should be **Integrated Infrastructure**.	Open
ZEN-16114	Enterprise Reports: The CSV export file needs additional formatting (see *Release 1.1.0* on page 9).	Open
ZEN-16128	In the Cisco UCS Performance Manager web interface, the **Versions** page of the **ADVANCED** tab includes an **Update** link for Cisco UCS Performance Manager. The link does not work. For more information about upgrading your system, refer to the *Cisco UCS Performance Manager Installation Guide*.	Open
ZEN-16130	Enterprise Reports: In the CSV export file, the order and naming of columns is not the same as the interface (see *Release 1.1.0* on page 9).	Open
ZEN-16319	During upgrade, `service zenup-webui stop` returns an unimportant `No such file or directory` message.	Open
ZEN-16459	The Refresh Rate field of the Domain Overview portlet accepts characters other than numerals, and should accept only numerals.	Open
ZEN-16462	In REPORTS, when selecting a date from the popup calendar, the popup remains open when the **today** button is clicked.	Open
ZEN-16464	In some cases, multi-page reports show NONE in the page drop-down list when `1 of 1` is appropriate.	Open

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ID	Description	Status
ZEN-12243	When Cisco UCS Performance Manager is newly-installed, users may see expressions rather than results in the Message and Summary fields of UCS devices. As data is collected, the expressions are replaced with results.	Open
ZEN-13752	Unable to search for a particular model of a component from top-level search.	Open
ZEN-13932	For Windows servers, OS manufacturer shows 'unknown', hardware manufacturer shows 'Microsoft'.	Open
ZEN-13933	For Windows servers installed on a blade, processor descriptions all 'uknown'.	Open
ZEN-14085	*Need to change the property manually for 'cpu command timeout' issues when monitoring the Cisco UCS Performance Manager Linux server (the virtual machine itself).*	*Fixed (1.1.0)*
ZEN-14197	Icons for Linux servers is incorrect and not consistent in some places.	Open
ZEN-14200	Icons in physical and logical storage view of EMC storage device are incorrect.	Open
ZEN-14201	Icons of individual network devices in dynamic view are incorrect.	Open
ZEN-14261	Physical Storage view for a NetApp filer in OnTap mode no longer shows disk drives within each aggregate.	Open
ZEN-14406	Chassis graph for UCS Mini domains not showing up in topology view (mini domains are not supported).	Open
ZEN-14495	*Event info discrepancy between topology view and UCS domain view in the dashboard topology. No critical event in the left pane. Many critical icons in the topology view on the right.*	*Fixed (1.1.0)*
ZEN-14710	To display working links in the Dynamic View of a Hyper-V device, the Windows machine hosting the Hyper-V service must be added as an IP address, not a hostname.	Open
ZEN-14739	Ascending and descending column sorting in table views works correctly, except in columns containing hostname or IP address values.	Open
ZEN-14837	*The NetApp monitor may receive an XML response from a Filer that is larger than its receive buffer, causing inaccurate modeling or data collection.*	*Fixed (1.1.0)*
ZEN-14849	*In the Add Infrastructure wizard, the protocol shown for NetApp Filer C-Mode and 7-Mode devices is SSH, and should be ZAPI.*	*Fixed (1.1.0)*

Notes and workarounds

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ID	Description
ZEN-16114	Often, data is stored as numeric values rather than percentages, and the Cisco UCS Performance Manager web interface transforms the values as needed. However, for some Enterprise Reports, those numeric values are not transformed when data is exported to CSV (comma-separated value) files. After importing CSV files of this type into a spreadsheet, change the column format of the affected values to percent.
ZEN-16130	For several reports, the format shown in the Cisco UCS Performance Manager web interface differs from the format implied by the ordering and naming of columns in the exported CSV (comma-separated value) files of the reports. After importing CSV files of this type into a spreadsheet, change the names and locations of columns as necesary.

Limitations

To analyze Cisco UCS domains, use the Cisco UCS Capacity Reports and Cisco UCS Report menus in the **REPORTS** area. The Enterprise Reports and Performance Reports menus do not provide relevant information.

Many of the graphs for components types of EMC arrays display NaN when statistics logging is disabled on the EMC device. The logging feature has a low default timeout value, and must be set to a higher value or turned on again periodically. (ZEN-14695)

The Setup Wizard times out after 20 minutes. If your session exceeds the timeout period, you will see an error message when you click Finish. To start the Setup Wizard again, close the browser window or tab, and log in again. (ZEN-14843)

When you log in to the Cisco UCS Performance Manager browser interface after upgrading from version 1.0 to version 1.1, the system displays a license-related message. This is due to the change in the underlying licensing technology, and does not affect or disrupt the service in any way. (ZEN-17205)

Errata

Cisco UCS Performance Manager Installation Guide

Location	Error	Status
pp. 6, 9	The last paragraph of the first section on both pages refers to a table, but the table is absent. (However, the referenced table is the first table in the preface.)	Fixed (1.1.0)

Additional information

All releases of Cisco UCS Performance Manager include local copies of the following documents:

- Cisco UCS Performance Manager Administration Guide
- Cisco UCS Performance Manager Getting Started Guide
- Cisco UCS Performance Manager Installation Guide

To download a copy of one of the preceding documents, log in to the Cisco UCS Performance Manager interface, and then click the yellow question mark icon at the far right of the screen.

The versions included in a release may not be the most recent versions of the documents. To obtain the most recent versions, visit the *Cisco UCS Performance Manager* site.

Related publications

Title	Description
Cisco UCS Performance Manager Administration Guide	Provides an overview of Cisco UCS Performance Manager architecture and features, as well as procedures and examples to help use the system.
Cisco UCS Performance Manager Getting Started Guide	Provides specific instructions for using Cisco UCS Performance Manager in the UCS environnment.
Cisco UCS Performance Manager Installation Guide	Provides detailed information and procedures for installing and upgrading Cisco UCS Performance Manager.
Cisco UCS Performance Manager Release Notes	Describes known issues, fixed issues, and late-breaking information not already provided in the published documentation set.

Documentation feedback

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