



Cisco UCS Manager Plug-In

For Oracle Enterprise Manager 12c Release 3 and Release 4

Release Note

January 22, 2016

The information contained in this document applies to UCS Manager Plug-In software supporting Oracle Enterprise Manager 12c Release 3 (12.1.0.3) and 12c Release 3 (12.1.0.4).

This document pertains to features and functionality that included into the UCS Manager Plug-In.

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System Requirements:

- **Oracle Enterprise Manager**

This plug-in is supported on Oracle Enterprise Manager 12c R3 and 12c R4.

For more information, see the following in the Enterprise Manager Cloud Control documentation library:

- Oracle Enterprise Manager Cloud Control Advanced Installation and Configuration Guide
- Oracle Enterprise Manager Cloud Control Upgrade Guide
- Oracle Enterprise Manager Cloud Control Administrator's Guide

For the latest releases of these and other Oracle documentation, check the Oracle Technology Network at the following URL:

[OEM Resources](#)

Note: It is important to have ORACLE_OMS variable added to oracle user. The value for this variable has to be "home/oracle/app/oracle/em"

If you do not see value for this variable on linux box on issuing **env** command, you may edit file /home/oracle/.bash_profile and add below entry:

```
export ORACLE_OMS=/home/oracle/app/oracle/em
```

After the file .bash_profile has been edited, do **source .bash_profile**

You need to also do agent restart after this.

- 1) agent_home/bin>./emctl stop agent
The agent_home is '/home/oracle/app/oracle/em_agent/agent_inst/bin'
- 2) agent_home/bin>./emctl start agent

- **Cisco UCS Manager**

This plug-in is compatible with UCS Manager release 2.1, 2.2 and 3.0 Refer "[UCS Manager](#)" for more details.

Note: As of this release, the Cisco UCS Manager Plug-in is tested on Linux x86-64 platform.

New Features:

New Features in Release 12.1.0.17.0:

- Chassis:
 - Input Power, Output Power in Summary.
 - Speed (RPM) in fans.
 - PSU performance parameters.
- Server:
 - Motherboard stats exposed using performance link in the drop-down.
 - PSU performance parameters.
- Fabric Interconnects:
 - Load average, Mem Available average, Mem Cached average included in Summary.

- PSU performance parameters.
 - Inclusion of graphs.
- Fabric Extenders:
 - Speed (RPM) in fans.
 - PSU performance parameters.
- FI-IO Modules (For UCS Mini):
 - ASIC Temperature, Ambient Temperature, DIMM Temperature, Processor Temperature
- FI Port:
 - Inclusion of graphs.
 - Each port name classifies its type as network, server etc. Example: ucs176-**network**-port-17-54:7F:EE:59:23:38.
- FC Port:
 - Inclusion of graphs.
 - Each port name classifies its type as network, server etc. Example: ucs176-**network**-port-15-20:4F:54:7F:EE:59:23:40.
- Service Profile:
 - Inclusion of graphs.

New Features in Release 12.1.0.12.0:

- Consistent look for faults in comparison to UCS Manager.
- FI-IO Modules shown as separate subtarget.
- Icons for Fan and PSU fields like Performance, Power and Temperature included.

New Features in Release 12.1.0.9.0:

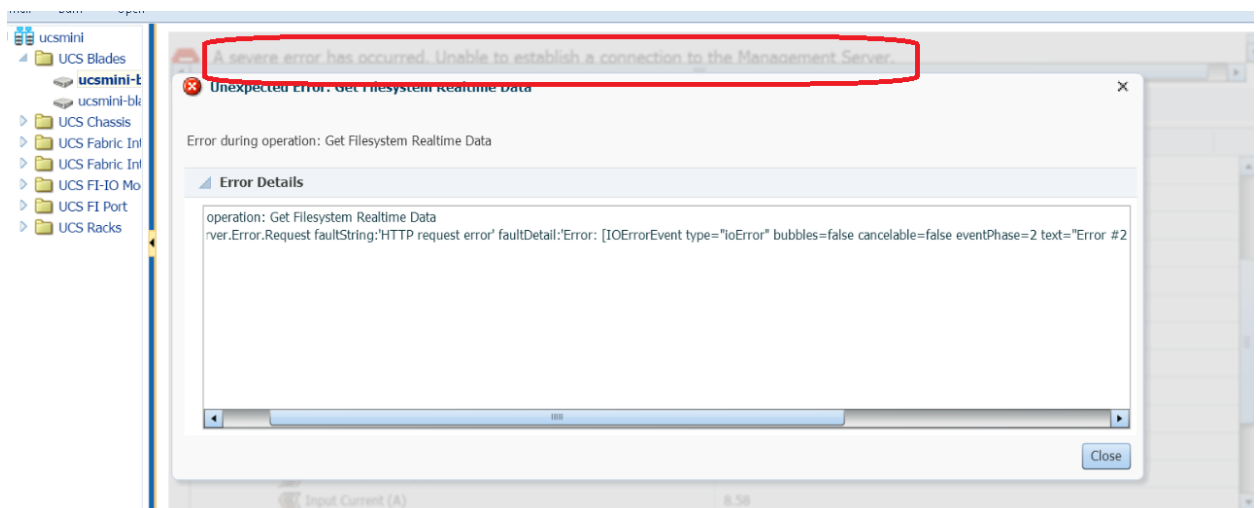
- Monitoring of Fans and Power Supply Units in the UCS domain
- Support for UCS-Mini and UCS Manager Release 3.0(1).

New Features in Release 12.1.0.7.0:

- Adding UCS domains as system targets
- Discovery of servers and components in UCS domains
- Summary of the hardware components and service profiles in UCS domains
- Status and Fault information for the discovered entities.

Known Limitations:

- The plug-in is currently not supported on Oracle Enterprise Manager 12c R3 and 12c R4 for Microsoft Windows.
- Old service profiles will not get deleted from Oracle Enterprise Manager and new service profiles will not show up until rediscovery is done on the target.
- KEY MEMBER field in Availability region on Home Page remains empty, this component is provided by Oracle Enterprise Manager, not editable.
- Server field does not include faults of Service Profile (which starts from org)
- Wait Time for UCSM data collection will be 7 minutes. It means collected data from UCSM will be refreshed after 7 mins. So frequently changing data may not show actual data any point of time.
- Connection to oms may be lost in between and that pops up on OEM GUI through a dialogue box. Message will be shown “A severe error has occurred. Unable to establish a connection to the Management Server”.



- After restarting OEM server, while accessing the grid console following error appears sometimes:
"Backend WLS or EM application seems to be down".

Please refer to the link: <http://lefterhs.blogspot.in/2012/02/backend-wls-or-em-application-seems-to.html> to troubleshoot it.

- Whenever sessions on UCSM have exhausted the error message saying “user reached maximum session limit” is displayed.
- Target pane on the left may change from folder view to icon view intermittently.

