Release Notes for Cisco UCS Virtual Interface Card Drivers, Release 2.2

First Published: December 12, 2013
Part Number: OL-31142-01

Introduction

This release note discusses the new features, known limitations, and open caveats for Cisco UCS Virtual Interface Card (VIC) Drivers, Release 2.2. It does not cover new features, resolved and open caveats for third-party drivers, and known limitations.

✎

Note   We sometimes update the documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

Use this document in conjunction with the document listed in the Related Documentation section.

Table 1 shows the online change history for this document.

Table 1   *Online Revision History*

Part Number	Revision	Revision Date	Description
OL-31142-01	A0	December 12, 2013	Created the release notes document.

System Requirements

For a complete list of supported hardware and software, see the *Hardware and Software Interoperability Matrix* for this release located at:
http://www.cisco.com/en/US/products/ps10477/prod_technical_reference_list.html

Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

New Software Features in Release 2.2

Release 2.2.(1), December 12, 2013

The Release 2.2(1) adds support for the following features:

- VMQ Support for Windows 2012 and Windows 2012 R2
- SCVMM-VMFEX Support for Windows 2012 HyperV
- LACP Support for Windows 2008 R2 SP1 (Cisco VIC TEAM Driver), Windows 2012 and Windows 2012 R2 (LBFOADMIN) for standalone rack servers
- FC Control Path Tracing for Linux and ESX fNIC drivers

Operating System Support

For complete information about the operating systems that Release 2.2 supports, see the *Hardware and Software Interoperability for UCSM Managed Servers* document for each Release 2.2 release located here:
http://www.cisco.com/en/US/partner/products/ps10477/prod_technical_reference_list.html

Resolved Caveats

Table 2 lists the caveats that have been resolved since Release 2.1(2).

Table 2   Resolved Caveats

Bug ID	Description
CSCuf73395	A Cisco UCS B420-M3 blade server configured with more than 1.1 TB of memory and using a Cisco VIC adapter fails to render the multipath file system (FS) in read-only mode after performing a read or write operation.
CSCui63048	Support for LACP and active-active modes with the Windows teaming driver for standalone rack servers.
CSCui27355	Windows iSCSI crash dump driver installation fails on a non-English locale.
CSCui63048	A vicmgmt driver causes a Windows OS 2008 R2 install failure.
CSCuj67510	The fNIC driver fails to update in Linux.
CSCuj92809	HDS: HDLM-7.5 WS2008R2SP1 host reboot takes 17 minutes with multiple paths.
CSCuq54984	Enable fctool tracing for 2008 R2 SP1.

Open Caveats

lists the open caveats in Release 2.2.

Table 3   Open Caveats

Bug ID	Description
CSCuj20256	Cisco - OEM - USER_MODE_HEALTH_MONITOR (0x9e) BSOD with Ethernet and FC traffic on VMs.
CSCul57107	Environments that have storage fabric errors (in a SAN or array) that result in the array sending sustained LOGO messages and that are using the Cisco VIC adapter might experience errors and loss of connectivity to the storage that requires a manual reset of the vHBA in UCS.

Customers using Red Hat Enterprise Linux version 5.8 or an earlier version should be aware that a libfc bug exists in distributions. The details of this bug are available in the Red Hat Bugzilla 884740.

Known Limitations and Behaviors

There are no known limitations in this release.

Related Cisco UCS Documentation

Documentation Roadmaps

For a complete list of all B-Series documentation, see the Cisco UCS B-Series Servers Documentation Roadmap available at the following URL: http://www.cisco.com/go/unifiedcomputing/b-series-doc.

For a complete list of all C-Series documentation, see the Cisco UCS C-Series Servers Documentation Roadmap available at the following URL: http://www.cisco.com/go/unifiedcomputing/c-series-doc

Other Documentation Resources

An ISO file containing all B and C-Series documents is available at the following URL: http://software.cisco.com/download/type.html?mdfid=283853163&flowid=25821. From this page, click **Unified Computing System (UCS) Documentation Roadmap Bundle**.

The ISO file is updated after every major documentation release.

Follow Cisco UCS Docs on Twitter to receive document update notifications.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

Subscribe to the *What's New in Cisco Product Documentation* as an RSS feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the documents listed in the "Related Cisco UCS Documentation" section.