



Release Notes for the VMware Installable Cisco Custom ISO Image

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This document describes system requirements, new hardware features, ISO image components and links to VMware download and upgrade documentation pages for the VMware installable Cisco custom ISO images for releases, ESXi 5.5, ESXi 5.0, ESXi 5.0 U2, ESXi 5.1, ESXi 5.1 U1 and EXI 4.1 U3.

The VMware installable Cisco ISO Image provides an installable ESXi ISO image that includes Cisco and 3rd party drivers necessary for Cisco UCS blade and rack servers.

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Revision History

Table 1 *Online History Change*

Part Number	Revision	Date	Description
OL-26617-01	A0	September 11, 2012	Created release notes for VMware installable Cisco Custom ISO image, release ESXi 5.0.
	B0	October 11, 2013	Updated release notes for ESXi 5.0 U2, ESXi 5.1, ESXi 5.1 U2, ESXi 4.1 U3.
	C0	November 1, 2013	Updated release notes for release ESXi 5.5.
	D0	December 12, 2013	Updated ESXi 5.5 system requirements table with B230 M2 .

Image Download Links

You can download the ISO image from the VMware web site as listed in the following table:



Note

When you are on the *Download VMware vSphere* page, click the drop down option under *Select Version* to select the version of the image you want to download.

Table 2 *Image Download Links*

VMware Installable Cisco Custom ISO Image	VMware Website
ESXi 5.0 , ESXi 5.0 U2 and ESXi 4.1 U3	https://my.vmware.com/web/vmware/info/slug/datacenter_cloud_infrastructure/vmware_vsphere/5_0#drivers_tools
ESXi 5.1 , ESXi 5.1 U1 and ESXi 5.5	https://my.vmware.com/web/vmware/info/slug/datacenter_cloud_infrastructure/vmware_vsphere/5_1#drivers_tools

New Hardware Features

The following table lists added hardware support for each of ESXi release versions that are not found in previous custom builds:

Table 3 *New Hardware Features*

Release	New Hardware Features
ESXi 5.0	• UCSB-B200-M3 • UCSC-C240-M3 • UCSC-C220-M3S
ESXi 5.0 U2	• C240 M3 (NEBS) • C24 M3 (LFF) • C22 M3 (LFF)

System Requirements

Hardware Requirements

You can access the hardware requirements for VMware installable Cisco Custom ISO image from the following link:

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1003661

Supported Servers

The following tables provide the list of supported servers for the following releases:

- [Supported Servers for ESXi 5.0](#)
- [Supported Servers for ESXi 5.0 U2](#)
- [Supported Servers for ESXi 5.1](#)
- [Supported Servers for ESXi 5.1 U1](#)
- [Supported Servers for ESXi 4.1 U3](#)
- [Supported Servers for EXSi 5.5](#)

Table 4 *Supported Servers for ESXi 5.0*

Models	Minimum Management Software Level
B200 M1	Cisco UCS Manager 1.4(3)
B200 M2	Cisco UCS Manager 1.4(3)
B200 M3	Cisco UCS Manager 2.0(2)
B230 M1	Cisco UCS Manager 1.4(3)
B230 M2	Cisco UCS Manager 1.4(3)
B250 M1	Cisco UCS Manager 1.4(3)
B250 M2	Cisco UCS Manager 1.4(3)
B440 M2	Cisco UCS Manager 1.4(3)

Table 4 **Supported Servers (continued)for ESXi 5.0**

Models	Minimum Management Software Level
B440 M2	Cisco UCS Manager 1.4(3)
C200 M1	—
C200 M2	—
C200 M2 (SFF)	—
C210 M1	—
C210 M1	—
C210 M2	—
C250 M1	—
C250 M2	—
C260 M2	—
C460 M1	—
C460 M2	—
C220 M3	CIMC 1.4(4a) or Cisco UCS Manager 2.0(2)
C240 M3	CIMC 1.4(4a) or Cisco UCS Manager 2.0(2)

Table 5 **Supported Servers for ESXi 5.0 U2**

Model	Minimum Management Software Level
B200 M1	Cisco UCS Manager 2.0(5)
B200 M2	Cisco UCS Manager 2.0(5)
B230 M1	Cisco UCS Manager 2.0(5)
B230 M2	Cisco UCS Manager 2.0(5)
B250 M1	Cisco UCS Manager 2.0(5)
B440 M2	Cisco UCS Manager 2.0(5)
B200 M3	Cisco UCS Manager 2.0(5)
B22 M3	Cisco UCS Manager 2.0(5)
B420 M3	Cisco UCS Manager 2.0(5)
C200 M1	CIMC 1.5(1)
C200 M2	CIMC 1.5(1)
C200 M2 (SFF)	CIMC 1.5(1)
C210 M1	CIMC 1.5(1)
C210 M2	CIMC 1.5(1)
C22 M3 (LFF)	CIMC 1.5(1)
C22 M3 (SFF)	CIMC 1.5(1)
C220 M3 (LFF)	CIMC 1.5(1)
C220 M3 (SFF)	CIMC 1.5(1)

Table 5 **Supported Servers for ESXi 5.0 U2**

Model	Minimum Management Software Level
C24 M3 (LFF)	CIMC 1.5(1)
C24 M3 (SFF)	CIMC 1.5(1)
C240 M3 (LFF)	CIMC 1.5(1)
C240 M3 (NEBS)	CIMC 1.5(1)
C240 M(SFF)	CIMC 1.5(1)
C250 M1	CIMC 1.5(1)
C250 M2	CIMC 1.5(1)
C260 M2	CIMC 1.5(1)
C420 M3	CIMC 1.5(1)
C460 M1	CIMC 1.5(1)
C460 M2	CIMC 1.5(1)

Table 6 **Supported Servers for ESXi 5.1**

Model	Minimum Management Software Level
B200 M1	Cisco UCS Manager 2.0(4)
B200 M2	Cisco UCS Manager 2.0(4)
B230 M1	Cisco UCS Manager 2.0(4)
B230 M2	Cisco UCS Manager 2.0(4)
B250 M1	Cisco UCS Manager 2.0(4)
B440 M2	Cisco UCS Manager 2.0(4)
B200 M3	Cisco UCS Manager 2.0(4)
B22 M3	Cisco UCS Manager 2.0(4)
B420 M3	Cisco UCS Manager 2.0(4)
C200 M1	-
C200 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C200 M2 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C210 M1	-
C210 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C250 M1	-
C250 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C260 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C460 M1	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C460 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C22 M3(SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C22 M3 (LFF)	CIMC 1.5(1)

Table 6 **Supported Servers for ESXi 5.1**

Model	Minimum Management Software Level
C220 M3 (SFF/LFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C24 M3 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C24 M3 (LFF)	CIMC 1.5(1)
C240 M3 (SFF/LFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C240 M3 (NEBS)	CIMC 1.5(1)
C420 M3	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)

Table 7 **Supported Servers for ESXi 5.1 U1**

Model	Minimum Management Software Level
B200 M1	Cisco UCS Manager 2.0(5)
B200 M2	Cisco UCS Manager 2.0(5)
B230 M1	Cisco UCS Manager 2.0(5)
B230 M2	Cisco UCS Manager 2.0(5)
B250 M1	Cisco UCS Manager 2.0(5)
B250 M2	Cisco UCS Manager 2.0(5)
B440 M2	Cisco UCS Manager 2.0(4) Cisco UCS Manager 2.0(5)
B200 M3	Cisco UCS Manager 2.0(5)
B22 M3	Cisco UCS Manager 2.0(5)
B20 M3	Cisco UCS Manager 2.0(5)
C200 M1	-
C200 M2	CIMC 1.5(2)
C200 M2 (SFF)	CIMC 1.5(2)
C200 M1	-
C200 M2	CIMC 1.5(2)
C200 M2 (SFF)	CIMC 1.5(2)
C210 M1	-
C210 M2	CIMC 1.5(2)
C250 M1	-
C250 M2	CIMC 1.5(2)
C260 M2	CIMC 1.5(2)
C460 M1	CIMC 1.5(2)
C460 M2	CIMC 1.5(2)
C22 M3 (SFF/LFF)	CIMC 1.5(2)
C220 M3 (SFF/LFF)	CIMC 1.5(2)
C24 M3 (SFF/LFF)	CIMC 1.5(2)

Table 7 **Supported Servers for ESXi 5.1 U1**

Model	Minimum Management Software Level
C240 M3	CIMC 1.5(2)
C420 M3	CIMC 1.5(2)

C460 M2

Table 8 **Supported Servers for ESXi 4.1 U3**

Model	Minimum Management Software Level
B200 M1	Cisco UCS Manager 2.0(4)
B200 M2	Cisco UCS Manager 2.0(4)
B230 M1	Cisco UCS Manager 2.0(4)
B230 M2	Cisco UCS Manager 2.0(4)
B250 M1	Cisco UCS Manager 2.0(4)
B250 M2	Cisco UCS Manager 2.0(4)
B440 M2	Cisco UCS Manager 2.0(4)
B200 M3	Cisco UCS Manager 2.0(4)
B22 M3	Cisco UCS Manager 2.0(4)
B420 M3	Cisco UCS Manager 2.0(4)
C200 M1	CIMC 1.4(7)
C200 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C200 M2 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C210 M1	CIMC 1.4(7)
C210 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C250 M1	CIMC 1.4(7)
C250 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C260 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C460 M1	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C460 M2	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C22 M3 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C22 M3 (LFF)	CIMC 1.4(7)
C220 M3 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C220 M3 (LFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C24 M3 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C24 M3 (LFF)	CIMC 1.4(7)
C240 M3 (SFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C240 (LFF)	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)
C420 M3	CIMC 1.4(7) or Cisco UCS Manager 2.1(1)

Table 9 **Supported Servers for EXSi 5.5**

Model	Minimum Management Software Level
B200 M2	Cisco UCS Manager 2.1(3)
B230 M2	Cisco UCS Manager 2.1(3)
B440 M2	Cisco UCS Manager 2.1(3)
B200 M3	Cisco UCS Manager 2.1(3)
B22 M3	Cisco UCS Manager 2.1(3)
B420 M3	Cisco UCS Manager 2.1(3)
C200 M2	CIMC 1.4(3u)
C200 M2 (SFF)	CIMC 1.4(3u)
C210 M2	CIMC 1.4(3u)
C250 M2	CIMC 1.4(3t)
C260 M2	CIMC 1.5(2)
C460 M2	CIMC 1.5(2)
C22 M3 (SFF/LFF)	CIMC 1.5(2)
C220 M3(SFF/LFF)	CIMC 1.5(2)
C24 M3 (SFF/LFF)	CIMC 1.5(2)
C240 M3 (SFF/LFF)	CIMC 1.5(2)
C220 M3 (V2)	CIMC 1.5 (3d)
C240 M3 (V2)	CIMC 1.5 (3d)
C420 M3	CIMC 1.5(2)

ISO Image Components

The following tables list the components included in the VMware ESXi Installable Cisco Custom ISO Image.

- [ISO Image Components for ESXi 5.0](#)
- [ISO Image Components for 5.0 U2](#)
- [ISO Image Components for 5.1](#)
- [ISO Image Components for 5.1 U1](#)
- [ISO Image Components for 4.1 U3](#)
- [ISO Image Components for ESXi 5.5](#)

Table 10 *ISO Image Components for ESXi 5.0*

Driver Component	Version
Cisco UCS M81KR and P81E VIC Storage Driver	1.5.0.7 fnic
Cisco UCS M81KR and P81E VIC Network Driver	2.1.2.22 enic
QLogic QLE8152 network driver	1.0.0.47
QLogic QLE8152 storage driver	911.k1.1-19vmw
QLogic QLE2x62 storage driver	911.k1.1-19vmw
QLogic 3200/8200 series	5.0.736
Emulex OCE10102 network driver	4.0.355.1
Emulex OCE10102 storage driver	8.2.2.105.36
Emulex LPe1x002 storage driver	8.2.2.105.36
Intel X520 network driver	3.7.13
Intel I350 network driver	3.2.10
LSI 92xx storage driver	5.34
LSI 2008M storage driver	5.34

Table 11 *ISO Image Components for 5.0 U2*

Driver Component	Version
Cisco UCS M81KR and P81E VIC Storage Driver	1.5.0.20 fnic
Cisco UCS M81KR and P81E VIC Network Driver	2.1.2.38 enic
QLogic QLE8152 network driver	1.0.0.47
QLogic QLE8152 storage driver	911.k1.1-19vmw
QLogic QLE2x62 storage driver	911.k1.1-19vmw
QLogic iSCSI driver	634.5.13.0
QLogic 3200/8200 series	5.0.736
Emulex OCE10102 network driver	4.0.355.1
Emulex OCE10102 storage driver	8.2.2.105.36
Emulex LPe1x002 storage driver	8.2.2.105.36
Intel X520 network driver	3.7.13
Intel I350 network driver	3.2.10
LSI 92xx storage driver	5.34
LSI 2008M storage driver	5.34

Table 11 *ISO Image Components for 5.0 U2*

Driver Component	Version
net-tg3 Broadcom tg3 driver	3.123b.v50.1
VMware ESXi 5.x Driver CD for Broadcom NetXtreme II Network/iSCSI/FCoE Driver Set	1.74.17.v50.1

Table 12 *ISO Image Components for 5.1*

Driver Component	Version
Cisco UCS M81KR and P81E VIC Storage Driver	1.5.0.8 fnic
Cisco UCS M81KR and P81E VIC Network Driver	2.1.2.22 enic
QLogic QLE8152 network driver	1.0.0.47
QLogic QLE8152 storage driver	911.k1.1-26vmw
QLogic QLE2x62 storage driver	911.k1.1-26vmw
QLogic 3200/8200 series	5.0.750
Emulex OCE10102 network driver	4.0.355.1
Intel X520 network driver	3.7.13
Intel I350 network driver	3.2.10
LSI 92xx storage driver	5.34
LSI 2008M storage driver	5.34
net-tg3 Broadcom tg3 driver	3.123b.v50.1
VMware ESXi 5.x Driver CD for Broadcom NetXtreme II Network/iSCSI/FCoE Driver Set	1.74.17.v50.1

Table 13 *ISO Image Components for 5.1 U1*

Driver Component	Version
Cisco UCS M81KR and P81E VIC Storage Driver	v1.5.0.8 fnic
Cisco UCS M81KR and P81E VIC Network Driver	v2.1.2.22 enic
QLogic QLE8152 network driver	1.0.0.47
QLogic QLE8152 storage driver	911.k1.1-26OEM
QLogic QLE2x62 storage driver	911.k1.1-26OEM
QLogic 3200/8200 network driver	5.0.750
Emulex OCE10102 network driver	4.0.355.1
Intel I350 network driver	3.2.10

Table 13 *ISO Image Components for 5.1 U1*

Driver Component	Version
net-tg3 Broadcom tg3 driver	3.123b.v50.1
VMware ESXi 5.x Driver CD for Broadcom NetXtreme II Network/iSCSI/FCoE Driver Set	1.74.17.v50.1

Table 14 *ISO Image Components for 4.1 U3*

Driver Component	Version
Cisco UCS M81KR and P81E VIC Storage Driver	1.4.0.201 fnic
Cisco UCS M81KR and P81E VIC Network Driver	2.1.2.20 enic
QLogic qlge network driver	1.0.0.43
QLogic qlcnic network driver	4.0.735
QLogic qla2xxx storage driver	841.k1.34.1-1 vmw
Emulex be2net network driver	2.103.377.0
Emulex lpfc820 storage driver	8.2.1.105.34
Intel ixgbe network driver	3.1.17.1
net-bnx2x VMware ESX 4.x Driver CD for Broadcom NetXtreme II	1.62.15.v41.2
scsi-bnx2i VMware ESX 4.x Driver CD for Broadcom NetXtreme II	1.9.1t.v41.2

Table 15 *ISO Image Components for ESXi 5.5*

Driver Component	Version
Cisco UCS VIC Storage Driver	v1.5.0.45
Cisco UCS VIC Network Driver	v2.1.2.38
QLogic QLE8152 network driver	3.0.0.57
QLogic 3200/8200 network driver	5.5.164
QLogic qlnativefc FC-FCoE driver	1.1.7.0
QLogic qla4xxx iSCSI driver	634.55.20.0

Upgrading to the New Software Release

VMware ESXi Installable Cisco Custom ISO Images are designed for fresh installations of ESXi hosts. If you want to upgrade or migrate the ESXi images from a previous version or vCenter Servers, you can access VMware's upgrade guides from the links listed in the table:

Table 16

Release	Link to Upgrade Guide
ESXi 5.0 and ESXi 5.0 U2	http://pubs.vmware.com/vsphere-50/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-50-upgrade-guide.pdf
ESXi 5.1 and ESXi 5.1 U1	http://pubs.vmware.com/vsphere-51/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-51-upgrade-guide.pdf
ESXi 4.1 U3	http://www.vmware.com/pdf/vsphere4/r41/vsp_41_upgrade_guide.pdf
ESXi 5.5	http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2058352

Related Documentation

Refer to the following documents for platform specific installation instructions:

- [Cisco UCS B-Series Blade Servers VMware Installation Guide](#)
- [Cisco UCS C-Series Servers VMware Installation Guide](#)

Service and Support

For support on Cisco branded products, please contact your authorized Cisco Systems service representative at:

<http://www.cisco.com/web/siteassets/contacts/international.html>

For support on OEM branded products, please contact your service contract representative for the OEM product.

For general inquiries, please consult the Cisco Systems contact information web page.

<http://www.cisco.com/web/siteassets/contacts/index.html>

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), 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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