



UCS B-Series Server: Baremetal, Host-OS Hardware and Software Interoperability Matrix

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UCS B-Series Server: Baremetal, Host-OS Hardware and Software Interoperability Matrix

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Overview

This document provides interoperability matrices for Cisco Unified Computing System components and Configurations that have been tested and validated by Cisco, Cisco partners, or both. Use this document as a reference for supported hardware and software.

Audience

This document is designed for use by Cisco sales, support engineers, professional service partners and system administrators responsible for the design and deployment of the Unified Computing System in the data center environment.

This document applies to the B-Series servers in Cisco Unified Computing System release 2.2(3d).

Acronyms

Acronym	Description
OS	Operating System
RHEL	Red Hat Enterprise Linux
SLES	SUSE Linux Enterprise Server
UCS	Unified Computing System
UCSM	Unified Computing System Manager
VIC	Virtual Interface Card



CHAPTER 2

Components Matrix

- [Component Matrix, page 3](#)
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Component Matrix

Component	Version/Model
Server	
Cisco UCS 5108 Chassis	2.2(3d)
Fabric Interconnect 6296	5.2(3)N2(2.23d)
Fabric Extender 2208XP	2.2(3d)
UCS Manager	2.2(3d)
UCS Driver Bundle	ucs-bxxx-drivers.2.2.3
B200 M4 Blade Server	2.2(3d)
Adapter	
Cisco UCS VIC 1380	2.2(3d)
Cisco UCS VIC 1340	2.2(3d)
Cisco UCS VIC 1280	2.2(3d)
Cisco UCS VIC 1240	2.2(3d)
Switch	
Cisco MDS 9513	5.2(6b)

Supported Storage Arrays

Vendor	Model	Version
HDS	VSP/HUS	70-06-20-00/00 / 0977/A-H
EMC	VNX 5300	05.32.000.5.209
NetApp	FAS 3240	8.0.2



CHAPTER 3

Japanese Operating System Interoperability Matrix

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- [Host OS: Japanese Operating System Interoperability Matrix](#) , page 6

Baremetal: Japanese Operating System Interoperability Matrix

UCS Blade Server	Operating System	Vendor
B200 M4	Windows Server 2008 R2 SP1 x64	Microsoft
B200 M4	Windows Server 2012 x64	Microsoft
B200 M4	Windows Server 2012 R2 x64	Microsoft

UCS Blade Server	Operating System	Vendor
B200 M4	RHEL 6.5 x64	Redhat
B200 M4	RHEL 6.6 x64	Redhat
B200 M4	RHEL 7.0 x64	Redhat

UCS Blade Server	Operating System	Vendor
B200 M4	SUSE Linux Enterprise Server 11.3 x64	SUSE
B200 M4	SUSE Linux Enterprise Server 12 x64	SUSE

Host OS: Japanese Operating System Interoperability Matrix

UCS Blade Server	Operating System	Vendor
	HOST OS	
B200 M4	vSphere 5.1 U2	VMware
B200 M4	vSphere 5.1 U3	VMware
B200 M4	vSphere 5.5 U2	VMware
B200 M4	vSphere 6.0	VMware

UCS Blade Server	Operating System	Vendor
	HOST OS	
B200 M4	Xen Server 6.2 x64	Citrix

UCS Blade Server	Operating System	Vendor
	HOST OS	
B200 M4	Hyper-v 2008 R2 SP1 x64	Microsoft
B200 M4	Hyper-v 2012 x64	Microsoft
B200 M4	Hyper-v 2012 R2 x64	Microsoft



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Adapter Interoperability Matrix

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Baremetal: Adapter Interoperability Matrix

UCS Blade Server	Adapter Model	Operating System	Storage Used	Adapter Driver	Adapter Firmware
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Windows Server 2008 R2 SP1 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.4.0.19	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Windows Server 2012 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	3.0.0.19	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Windows Server 2012 R2 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	3.0.0.19	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	RHEL 6.5 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.1.75	4.0(1)

UCS Blade Server	Adapter Model	Operating System	Storage Used	Adapter Driver	Adapter Firmware
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	RHEL 6.6 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.1.75	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	RHEL 7.0 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.1.75	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	SLES 11.3 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.1.75	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	SLES 12 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.1.75	4.0(1)

Host OS: Adapter Interoperability Matrix

UCS Blade Server	Adapter Model	Operating System	Storage Used	Adapter Driver	Adapter Firmware
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	vSphere 5.1 U2	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.2.62	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	vSphere 5.1 U3	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.2.62	4.0(1)

UCS Blade Server	Adapter Model	Operating System	Storage Used	Adapter Driver	Adapter Firmware
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	vSphere 5.5 U2	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.2.62	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	vSphere 6.0	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.2.62	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Xen Server 6.2 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.1.1.75	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Hyper-v 2008 R2 SP1 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	2.4.0.19	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Hyper-v 2012 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	3.0.0.19	4.0(1)
B200 M4	UCS VIC 1380/VIC 1340/VIC 1280/VIC 1240	Hyper-v 2012 R2 x64	HDS VSP/HDS HUS/EMC VNX 5300/NetApp FAS 3240/Local Storage	3.0.0.19	4.0(1)



Issues

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Issues

Notes

VMware ESXi Installation with VIC 1380/1340/1280/1240 on Cisco UCS B200 M4 Server requires Cisco Custom Images which can be downloaded from vmware.com

Related Documentation

UCS B-Series Server Road Map

http://www.cisco.com/en/US/docs/unified_computing/ucs/overview/guide/UCS_roadmap.html

Software Download

<http://www.cisco.com/cisco/software/type.html?mdfid=283853163&flowid=25821>

Cisco Unified Computing System-Technical References

http://www.cisco.com/en/US/products/ps10477/prod_technical_reference_list.html

Hardware and Software Interoperability Matrix

http://www.cisco.com/c/dam/en/us/td/docs/unified_computing/ucs/interoperability/matrix/r_hcl_B_rel2-23.pdf

