



THE VIRTUAL COMPUTING  
ENVIRONMENT COMPANY

[www.vce.com](http://www.vce.com)

# Vblock™ Infrastructure Platforms Series 300 Release 2.5 Certification Matrix

Document Version 1.3  
January 2012

## Revision history

---

The document revision history describes content changes.

Date	Document version	Author	Description of changes
November 2011	1.0	Mike Parske and Sita Altekar	Initial version of Vblock Series 300 Release 2.5 Certification Matrix.
January 2012	1.1	Sita Altekar	Corrected version of EMC Unisphere Service Manager (Windows) to 1.1.25.1.0129.
January 2012	1.2	Mike Parske	Changed certified version of EMC VNXe3100 OE to 2.1.2.15342.

## Table of Contents

---

<b>Revision history</b> .....	<b>2</b>
<b>Table of Contents</b> .....	<b>3</b>
<b>Introduction</b> .....	<b>4</b>
Support window.....	4
Upgrade-related VCE technical documents .....	4
Release 2.5 Certification Matrix purpose statement .....	4
Release 2.5 changes for Vblock Series 300.....	5
<b>VCE related documentation</b> .....	<b>6</b>
<b>Base components for Series 300 Release 2.5</b> .....	<b>7</b>
<b>AMP components for Series 300 Release 2.5</b> .....	<b>8</b>
<b>Verified AMP software for Series 300 Release 2.5</b> .....	<b>9</b>

## Introduction

---

Vblock™ Infrastructure Platforms releases are thoroughly tested and certified with specific versions of each component in the Vblock platform. This document lists the certified versions of components for the Vblock Infrastructure Platforms Release 2.5 for the following Series 300 models:

- Vblock Series 300 model EX
- Vblock Series 300 model FX
- Vblock Series 300 model GX
- Vblock Series 300 model HX

**NOTICE** When upgrading to the current release, you must upgrade all components that are listed for the release. Vblock platforms are supported only when all components are running the certified version.

## Support window

These certified software, firmware, and hardware versions are valid from November 2011 through May 2013.

The Release Certification Matrix documents are independent of each other. Customers do not have to upgrade releases in sequential order. Customers have the option to select a valid Release Certification Matrix that best fits their requirements.

## Upgrade-related VCE technical documents

To ensure successful installation and operation of Vblock Infrastructure Platforms Release 2.5, review and refer to the following upgrade-related VCE technical documents:

- *Vblock Infrastructure Platforms Release 2.5 Release Notes*
- *Vblock Infrastructure Platforms Software and Firmware Upgrade Guide for VMware vSphere 5.0*
- *Vblock Infrastructure Platforms Software and Firmware Upgrade Guide*

For information about accessing Vblock platform documentation, refer to [VCE related documentation](#).

## Release 2.5 Certification Matrix purpose statement

Vblock Infrastructure Platforms Release 2.5 is a major release for Vblock platforms. The main focus of this release is to upgrade Vblock platforms to VMware vSphere 5.0.

Additional changes for Release 2.5 include Cisco UCS 2.0, EMC PowerPath/VE 5.7, UIM/P 3.0, and advances to the storage systems and interdependent components.

## Release 2.5 changes for Vblock Series 300

Vblock Infrastructure Platforms Release 2.5 introduces the following changes for the Vblock Series 300 since Release 2.4:

Component	Release 2.4 version	Release 2.5 version	Reason for change
Cisco M81KR Virtual Interface Card	In Cisco UCS manager 1.4(3l)	In Cisco UCS manager 2.0(1q)	Required to support VMware vSphere 5.0
Cisco UCS B-Series Blade server software	1.4(3l)	2.0(1q)	Required to support VMware vSphere 5.0
Cisco UCS Manager	1.4(3l)	2.0(1q)	Required to support VMware vSphere 5.0
EMC PowerPath/VE	5.4 SP 2	5.7	Required to support VMware vSphere 5.0
EMC VNXe3100 OE	2.1.1.14097	2.1.2.15342	Manufacturing changeover
EMC VNX OE for Block	05.31.000.5.502	05.31.000.5.509	In support of EMC field notice
EMC VNX OE for File	7.0.35.3	7.0.40.1	In support of EMC field notice
VMware ESXi fnic Driver for Cisco UCS VIC M81KR	1.4.0.195	1.5.0.3	Required to support VMware vSphere 5.0
VMware vCenter Server	4.1 build 345043	5.0 build 455964	Update to VMware vSphere 5.0
VMware vSphere Client	4.1 build 345043	5.0 build 455964	Update to VMware vSphere 5.0
VMware vSphere Hypervisor ESXi	4.1 build 348481, Patch 1 build 433742 and Patch 1 build 381591	5.0 build 474610	Update to VMware vSphere 5.0

## VCE related documentation

---

Access to VCE technical documentation is role-based. Select the documentation resource that applies to you.

Your role	Documentation resources
Customer	<b>VCE Customer Support Portal &gt; Documents</b> <a href="http://support.vce.com">support.vce.com</a> A valid user name and password are required.
VCE Partner	<b>VCE Partner Resource Center &gt; Resource Library &gt; Category &gt; Technical</b> <a href="http://www.vcepartnerportal.com/resourcelib-vce.asp?loc=331">www.vcepartnerportal.com/resourcelib-vce.asp?loc=331</a> A valid user name and password are required.
Cisco, EMC, VCE, or VMware employee	<b>VCE Portal &gt; Vblock Infrastructure Platforms</b> <a href="http://www.vceportal.com/solutions/68580567.html">www.vceportal.com/solutions/68580567.html</a>
VCE employee	<b>VCEview &gt; Products and Solutions &gt; Vblock Platforms</b> <a href="http://www.vceview.com/solutions/products/">www.vceview.com/solutions/products/</a> VCE Technical Documentation website <a href="http://vblockproductdocs.dc.vce.com/vce_docs_1/TechDocsHome/index.htm">vblockproductdocs.dc.vce.com/vce_docs_1/TechDocsHome/index.htm</a>

## Base components for Series 300 Release 2.5

The following table lists the certified base components for the following Vblock Series 300 models: 300EX, 300FX, 300GX, and 300HX.

Component type	Component	Version certified for Vblock 300 Release 2.5
<b>Management</b>	EMC PowerPath/VE	5.7
	See <a href="#">AMP components for Series 300 Release 2.5</a> for remaining management components.	
<b>Compute</b>	<i>Cisco UCS B-Series Blades</i>	
	Cisco Blade Server Firmware for: B200 M2, B230 M1, B230 M2, B250 M2, B440 M1, and B440 M2	2.0(1q)
	<i>Cisco UCS Converged Network Adapters</i>	
	Cisco M81KR Virtual Interface Card	in UCS Manager 2.0(1q)
	<i>Fabric Interconnects and Blade Server Chassis</i>	
	Cisco UCS Fabric Interconnects 6120 or 6140 and Cisco UCS 5108	in UCS Manager 2.0(1q)
	Cisco UCS Manager	2.0(1q)
<b>Network</b>	<i>Virtual Switch</i>	
	Cisco Nexus 1000V VEM and VSM	4.2(1) SV1(4a)
	<i>Data Center Switch</i>	
	Cisco Nexus 5548 Switch	5.0(3)N2(2)
	Cisco Nexus Fabric Manager	5.0(4b)
	<i>Multilayer SAN Switch</i>	
	Cisco MDS 9148	5.0(4b)
<b>Virtualization</b>	VMware vSphere Hypervisor ESXi	5.0 build 474610
	VMware ESX/ESXi fnic Driver for Cisco UCS VIC M81KR	1.5.0.3
<b>Storage</b>	<i>EMC VNX Series Storage Platforms</i>	
	EMC VNX OE for Block	05.31.000.5.509
	EMC VNX OE for File	7.0.40.1
	<b>Management</b>	
	EMC Unisphere, Thin Provisioning	in VNX OE for Block
	<i>EMC VNX FAST Suite</i>	
	EMC VNX FAST VP	in VNX OE for Block
	EMC VNX FAST Cache	in VNX OE for Block

## AMP components for Series 300 Release 2.5

The following table lists the Advanced Management Pod (AMP) components for the following Vblock Series 300 models: 300EX, 300FX, 300GX, and 300HX.

Component type	Component	Version certified for Vblock 300 Release 2.5
<b>Management</b>	<b>Base Software</b>	
	EMC Secure Remote Support (ESRS) IP Solution (Windows)	1.1.0.1
	EMC Unisphere Server (Windows)	1.1.25.1.0129
	EMC Unisphere Client (Windows)	1.1.25.1.0129
	EMC Unisphere Service Manager (Windows)	1.1.25.1.0129
	EMC Unisphere Storage System Initialization Wizard	1.1.0.1.0366
	EMC Navisphere CLI (Windows)	7.31.25.1.29
	EMC VNX Installation Assistant	7.0.12.0
	EMC SMI-S Provider (Windows_x64)	4.3.1
	EMC Solutions Enabler (Windows) in EMC SMI-S Provider 4.3.1	7.3.1
	EMC Ionix Unified Infrastructure Manager/Provisioning (UIM/P)	3.0 Build 3.0.0.0.530
	VMware vSphere Client	5.0 build 455964
	VMware vCenter Server	5.0 build 455964
	VMware vSphere Hypervisor ESXi	5.0 Build 474610
	EMC PowerPath/VE License Server	5.7
	Cisco Secure Access Control Server (ACS)	5.2.0.26 on VMware server
	EMC VNXe Connection Utility	1.5.3.252
	EMC Unisphere for VNXe3100	1.6.0.5998
<b>Compute</b>	<i>Cisco UCS C-Series Rack Mount Servers</i>	
	Cisco C200 M2	1.3(2j)
<b>Network</b>	<i>Switches</i>	
	Cisco Catalyst 3560X-24T-L	12.2(55)SE1
<b>Storage</b>		
	EMC VNXe3100 OE	2.1.2.15342



## Verified AMP software for Series 300 Release 2.5

---

The following products are not covered by VCE seamless support but are verified to run on the AMP following Vblock Series 300 models: 300EX, 300FX, 300GX, and 300HX.

Component type	Component	Version verified for Vblock 300 Release 2.5
Software	Microsoft Windows	
	Windows Server	Standard 2008 R2 x64
	SQL Server	Standard 2008 (SP2) build 10.00.4000.00



## ABOUT VCE

VCE, the Virtual Computing Environment Company formed by Cisco and EMC with investments from VMware and Intel, accelerates the adoption of converged infrastructure and cloud-based computing models that dramatically reduce the cost of IT while improving time to market for our customers. VCE, through the Vblock platform, delivers the industry's first completely integrated IT offering with end-to-end vendor accountability. VCE's prepackaged solutions are available through an extensive partner network, and cover horizontal applications, vertical industry offerings, and application development environments, allowing customers to focus on business innovation instead of integrating, validating and managing IT infrastructure.

For more information, go to [www.vce.com](http://www.vce.com).

Copyright © 2012 VCE Company, LLC. All rights reserved. Vblock and the VCE logo are registered trademarks or trademarks of VCE Company, LLC. and/or its affiliates in the United States or other countries. All other trademarks used herein are the property of their respective owners.

