

Dell EMC VxBlock™ Central

Getting Started Guide

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Contents

Revision history.....	5
Introduction.....	6
VxBlock Central overview.....	7
Installation.....	8
Workflow Automation.....	10
Upgrade.....	11
VxBlock Central administration.....	12

Revision history

Date	Document revision	Description of changes
December 2019	1.4	Made the following changes in the <i>Installation</i> section: <ul style="list-style-type: none"> • The estimated time for <i>Add and configure system and components in VxBlock Central</i> task is increased. • Added a new <i>Make sure Cisco Discovery Protocol is enabled on Cisco MDS and Nexus Switches</i> task. • Added a new <i>Launch VxBlock Central Lifecycle Management</i> section.
September 2019	1.3	Made the following changes in <i>Installation</i> section: <ul style="list-style-type: none"> • Added a new <i>Reset end user license agreement</i> task • Removed the <i>Accept end user license agreement</i> task • Renamed the tasks to include Workflow Automation Restructured the tasks in the <i>Upgrade</i> section
September 2019	1.2	Added new topic <i>Workflow Automation</i> .
July 2019	1.1	Updated with links to VxBlock Central 2.0 documents.
July 2019	1.0	Initial release.

Introduction

This document provides an overview of how to install and upgrade VxBlock Central, including Base, Workflow Automation, Analytics, and Lifecycle Management.

See the [Glossary](#) for terms, definitions, and acronyms.

VxBlock Central overview

The Dell EMC Converged System Architecture Overviews include an overview of VxBlock Central. See the following list for the link to the Architecture Overview for your Converged System:

- [Dell EMC VxBlock™ System 1000 Architecture Overview](#)
- [Dell EMC VxBlock™ and Vblock™ System 740 Architecture Overview](#)
- [Dell EMC VxBlock™ and Vblock™ System 540 Architecture Overview](#)
- [Dell EMC VxBlock™ and Vblock™ System 350 Architecture Overview](#)
- [Dell EMC VxBlock™ and Vblock™ System 340 Architecture Overview](#)
- [Dell EMC VxBlock™ and Vblock™ System 240 Architecture Overview](#)

Installation

The *VxBlock Central Installation Guide* guides you through the installation.

Installation tasks

The following tables describe high-level tasks to install VxBlock Central and the estimated time required to complete the task.

Install VxBlock Central Base

Task	Estimated time
Pre-installation tasks	
Verify system requirements	5 minutes
Download OVA files for Core VM, MSM VM, and MSP VM	10 to 12 minutes for each OVA (sized around 2-3 GB)
Installation tasks	
Install and configure Core VM	10 to 15 minutes
Install and configure MSM VM	10 to 15 minutes
Install and configure MSP VM for RCM content prepositioning feature (optional)	10 to 15 minutes
Post-installation tasks	
Configure Isilon and cabinet components (optional)	5 minutes
Configure components to send traps	5 minutes for each component
Make sure Cisco Discovery Protocol is enabled on Cisco MDS and Nexus Switches	10 to 15 minutes
Access the VxBlock Central dashboard	5 minutes
Add and configure system and components in VxBlock Central	50 to 70 minutes
Configure Secure Remote Services in VxBlock Central	10 to 15 minutes
Upload and install the latest compliance content	5 to 10 minutes
Tailor an RCM profile (optional)	5 minutes
Reset end user license agreement (optional)	2 to 5 minutes

Install VxBlock Central Workflow Automation (if licensed)

Follow the plug-in download and installation process to install the latest workflow package.

Note: Workflow Automation is available on the:

- VxBlock System 1000
- VxBlock System 740 and Vblock System 740
- VxBlock System 540 and Vblock System 540
- VxBlock System 350 and Vblock System 350

Task	Estimated time
Pre-installation tasks	
Download VxBlock Central Workflow Automation plug-in and Orchestration Services OVA	5 minutes
Installation tasks	
Install and deploy VMware vRO	5 to 10 minutes
Install the VxBlock Central Workflow Automation plug-in	5 to 10 minutes
Install the XtremIO plug-in for vRealize Orchestrator	5 to 10 minutes
Deploy VxBlock Central Orchestration Services OVA	5 to 10 minutes
Configure VxBlock Central Orchestration Services	5 to 10 minutes
Post-installation tasks	
Launch VxBlock Central Workflow Automation	5 minutes
Configure VxBlock Central Orchestration Services interfaces	5 minutes
Configure VMware vRO workflows	10 minutes
Configure credentials for VMware vRO workflows	10 minutes

Install VxBlock Central Analytics (if licensed)

Note: Analytics is installed at a customer site (if licensed). It is not installed during the logical build of the Converged System. You must complete the pre-installation and installation tasks to install and configure VMware vRealize Operations, which is required to access Analytics.

Task	Estimated time
Pre-installation tasks	
Download VMware vRealize Operations adapter	1 minute (approximately)
Installation tasks	
Install the VMware vRealize Operations adapter	5 to 10 minutes
Post-installation tasks	
Launch VxBlock Central Analytics	1 minute
Configure the VMware vRealize Operations adapter	5 minutes
Configure the MSM VM with VMware vRealize Operations	5 minutes
Add online help for VMware vRealize Operations Manager	3 minutes

Launch VxBlock Central Life Cycle Management (if licensed)

Note: You can launch Life Cycle Management from VxBlock Central (if licensed). Life Cycle Management enables you to monitor and analyze detailed inventory data of Converged System components. It takes an estimate of 1 minute to launch Life Cycle Management in VxBlock Central.

Installation Guide

See the latest *Dell EMC VxBlock Central Installation Guide* for detailed information.

Workflow Automation

The VxBlock Central Workflow Automation library features automated workflows designed to deploy and configure your Converged System across the compute, network, storage, and virtual layers.

For more information about workflows, see the [Dell EMC VxBlock Central Workflow Automation Reference Guide](#).

Upgrade

The *VxBlock Central Upgrade Guide* describes upgrading from Dell EMC Vision 3.6.2 and from previous versions of VxBlock Central to the most recent version of VxBlock Central.

See the latest *Dell EMC VxBlock Central Upgrade Guide* for detailed information.

Task		Estimated time
Verify system requirements		5 minutes
Upgrade verification tasks		10 minutes
Prepare to upgrade VxBlock Central		5 minutes
VxBlock Central simplified upgrade		20 to 25 minutes
Upgrade a single MSM VM using the simplified upgrade		20 to 30 minutes
Upgrade a VxBlock Central deployment	Upgrade a single MSM VM	20 to 25 minutes
	Upgrade a single-site cluster containing multiple MSM VMs	50 to 60 minutes per cluster
	Upgrade a multisite cluster	50 to 60 minutes per cluster
Upgrade a Core VM		5 to 10 minutes
Upgrade an MSM VM		10 to 15 minutes
Upgrade the MSP VM		5 to 10 minutes
Upgrade VxBlock Central Orchestration Services		15 to 20 minutes
Upgrade the VxBlock Central Operations Management Pack		10 to 15 minutes

VxBlock Central administration

See the administration guide for your Converged System for information about using VxBlock Central to manage your Converged System:

- [Dell EMC VxBlock™ System 1000 Administration Guide](#)
- [Dell EMC VxBlock™ or Vblock™ System 740 Administration Guide](#)
- [Dell EMC VxBlock™ or Vblock™ System 540 Administration Guide](#)
- [Dell EMC VxBlock™ or Vblock™ System 350 Administration Guide](#)
- [Dell EMC VxBlock™ or Vblock™ System 340 Administration Guide](#)
- [Dell EMC VxBlock™ or Vblock™ System 240 Administration Guide](#)