

## VxBlock Administration (EMCVBAM)

ID EMCVBAM Price on request Duration 5 days

### Who should attend

This course is intended for professionals who will be administering and managing a VxBlock System.

### Prerequisites

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. The student must have an understanding of:

- VMware ESX Server installation, configuration, and management
- Microsoft Windows and UNIX/Linux administration and operation
- Specialist knowledge of EMC storage array technology
- Concept of server, storage, and access path virtualization
- Knowledge of Fibre Channel SAN zoning and virtualization
- System management and monitoring concepts

### Course Objectives

Upon successful completion of this course, participants should be able to:

- Discuss VxBlock Systems, their building block components, and how the VxBlock integrates into a datacenter
- Capture and backup the VxBlock System configuration baseline
- Monitor VxBlock System status, health, and performance using component element managers and Dell EMC Vision Intelligent Operations
- Create, expand and provision VxBlock System compute, network, storage, and virtualization resources
- Validate the configuration compliance against the Dell EMC Release Certification Matrix (RCM) and the Dell EMC Security Guide

### Course Content

#### System Administration Overview

- VxBlock System overview

- System administration overview

#### Advanced Management Platform (AMP)

- Element Managers introduction
- Dell EMC Vision intelligent operations
- Advanced Management Platform

#### Managing Network Resources

- Network paths and components
- LAN configuration
- SAN configuration

#### Common VxBlock Storage Concepts

- VxBlock storage systems
- Storage provisioning
- File storage concepts

#### Managing Unity Storage

- Unity models and features
- Unity NAS
- Unity management

#### Managing XtremIO Storage

- XtremIO models and features
- XtremIO management

#### Managing VMAX Storage

- VMAX models and features
- VMAX embedded NAS (eNAS)
- VMAX management

#### Managing Compute Resources

#### Managing Virtualization Resources

- VMware concepts
- Virtualization management

#### VxBlock System Monitoring

- Configuring Syslog and SNMP

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- VxBlock system health checks

## **VxBlock System Protection**

- Backing Up VxBlock system data
- Protecting VxBlock production data

## **VxBlock System Assurance**

- RCM information, scan and repositioning
- RCM upgrade

## **VxBlock System Security**

- Security concepts
- UCS management tools

## Training Centres worldwide



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