

## VxBlock Administration (EMCVBAM)

ID EMCVBAM Prix sur demande Durée 5 jours

### A qui s'adresse cette formation

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

### Pré-requis

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

### Objectifs

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

### Contenu

The content of this course is designed to support the course

objectives :

- 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
  - VxBlock system health checks
- VxBlock System Protection
  - Backing Up VxBlock system data
  - Protecting VxBlock production data
- VxBlock System Assurance
  - RCM information, scan and prepositioning
  - RCM upgrade
- VxBlock System Security
  - Security concepts
  - UCS management tools

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