

VxBlock Administration and Management (EMCVBAM)

ID EMCVBAM Preis US\$ 5.000,- (exkl. MwSt.) Dauer 5 Tage

Kursüberblick

This course covers administration and management aspects of the VxBlock System. It includes an overview of the architecture as well as introduces common administrative tasks that are performed using the various system element managers and Dell EMC Vision Intelligent Operations. This training is designed to enable participants to successfully complete hands-on activities for common VxBlock System administrative tasks.

Zielgruppe

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

Voraussetzungen

To understand the content and successfully complete this course, a student must have a suitable knowledge/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

Kursziele

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

Kursinhalt

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 repositioning
- RCM upgrade

VxBlock System Security

- Security concepts
- UCS management tools