

Veritas CommandCentral™ Storage 5.1 - Administration

COURSE DESCRIPTION

The *Veritas CommandCentral™ Storage 5.1 - Administration* course provides an overview of the product, system level architecture, advanced installation, key initial configuration tasks, deployment planning and scenarios, deploying software. Additionally the course includes upgrading, migration strategies and migration tasks. Finally, it covers ongoing administration and management, including configuration concepts, planning and procedures, monitoring and custom reporting.

Delivery Method

Instructor-led

Duration

3 days

Course Objectives

By the end of this course, you should be able to

- Give an overview of Veritas CommandCentral™ Storage 5.1 operation
- Plan for, deploy, and configure Veritas CommandCentral™ Storage 5.1
- Plan for, deploy, and configure Storage Change Manager
- Plan for, deploy, and configure Enterprise Reporter 5.1
- Discover and track utilization and allocation of storage resources down to the disk or LUN level
- Show usage trends and make forward projections
- Perform key configuration tasks
- Understand storage provisioning, monitoring and reporting
- Locate and examine configuration and log files and adjust logging levels
- Use built in product diagnostics

Who Should Attend

This course is for staff and others who need to install, deploy, configure, manage, and administer *Veritas CommandCentral™ Storage 5.1*.

Prerequisites

You should have working knowledge of fundamental networking skills, Microsoft Operating Systems, and UNIX/Linux Operating System concepts.

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

Concepts

- Managing storage capacity
- Managing storage resources
- Storage performance and policies
- Business reporting

Product Overview

- Product Overview
- Components/High level architecture
- Features/Functionality
- New and enhanced features
- Terminology

Walk Through the Interface

- Display preconfigured Management Server
- Logging in via the web interface
- Console tabs and functions
- Displays (drill down)
- **Hands-On Labs:** Navigate a pre-configured Management Server with a pre-populated database.

Server Installation and Upgrades

- Prerequisites and dependencies
- Installation and configuration tasks
- Licensing
- Upgrade
- Uninstalling the Management Server
- **Hands-On Labs:** Install and configure the Management Server, SCM and Push Install Utility on Windows.

Managed Host Installation

- Installing Managed Hosts
- Managed Host Configuration
- Upgrade
- Uninstalling Managed Hosts
- **Hands-On Labs:** Upgrade, uninstall, install and configure a Managed Host.

Policies

- Policy details and operations
- Responding to policy based events
- Using Storage Change Manager to monitor policy compliance
- **Hands-On Labs:** Examine, copy and edit policies, create a policy from scratch, set up alerts and notification.

Monitoring

- Monitored conditions
- Gathering data
- Data Module
- **Hands-On Labs:** View and reset SNMP monitoring attributes, edit SNMP poll interval, review and edit Data Module file scanning rules.

Reporting

- Pre-packaged and default reports
- Custom reports
- Ad hoc reports
- Managing reports
- Alert manager
- Email report
- **Hands-On Labs:** Create a custom report, modify, filter and drill down through a predefined report.

Managing Users and Security

- Authentication Service
- Authorization Service
- User accounts and Roles
- Creating certificates
- Managing certificates
- **Hands-On Labs:** Create CommandCentral user role, add user and assign to a product role, review and export certificates.

Managing Server Components

- Server Components and functions
- Managing Databases
- Device management
- Diagnostics
- **Hands-On Labs:** Edit Web Engine settings, find the state of a device, change the polling interval of an explorer across multiple hosts, view the Authentication Service backup list.

Enterprise Reporter

- Enterprise Reporter overview
- Components/High level architecture
- Installation, setup, removal
- Operation
- **Hands-On Labs:** Configure a data source and perform data rollup. Execute and review a report using the rolled up data.

Additional Information

Provisioning Storage

- Allocating storage
- LUNs
- Fabric zoning
- Virtual fabrics
- Storage access control
- Groups
- Zones