VERITAS

Veritas NetBackup Appliances 2.7.*x*: Configuration and Management

COURSE DESCRIPTION

The *Veritas NetBackup Appliances 2.7.x: Configuration and Management* course provides IT professionals with the skills necessary to configure and manage Veritas NetBackup appliances. You will learn about the general tools and processes used when working with NetBackup appliances, such as the NetBackup Appliance Shell Menu and the NetBackup Appliance Web Console, as well as configuration and maintenance tasks specific to the NetBackup 5240 and 5330 appliances. Additionally this course explains the process of initial configuration, backup operations as they pertain to the appliance, monitoring, managing and troubleshooting a Veritas NetBackup Appliance environment. An appendix is included for 5230 configuration and management.

Note: The scope of this course does NOT include general NetBackup concepts such as architecture in a NetBackup domain and backup policies. For this foundational knowledge please see the *Veritas NetBackup 7.7.x: Administration* course.

Delivery Method
Instructor-led Training (ILT)
Virtual Academy (VA)

Duration
2 days

Course Objectives
By the end of this course, you will be able to:
- Identify and describe each of the Veritas Appliance family models, software releases and the major features of each of those models.
- Describe the process of performing a basic configuration of the Appliance using the NetBackup Appliance Web Console and the NetBackup Appliance Shell Menu (CLISH).
- Describe backups and restores using an appliance and run reports from the NetBackup and Appliance interfaces.
- Review troubleshooting tools and identify troubleshooting resources.
- Describe the process of monitoring and managing the 5240 appliance using Veritas Remote Management (VRM) and the NetBackup Appliance Shell Menu CLISH).
- Describe the process of applying updates to the appliance software and the effects and options of performing a reset or a reimage and decommissioning an appliance.
- Identify common Appliance hardware faults or failures and management tasks for the appliance.

Who Should Attend
This course is intended for Administrators, Operators, and other IT professionals who need to understand the general configuration, operations, monitoring and management concepts of a NetBackup Appliance.

Recommended Knowledge
Before attending this course, you should also have an understanding and working knowledge of networking fundamentals, storage fundamentals, Linux command fundamentals and general NetBackup concepts such as storage units and backup policies.

Hands-On
This course includes hands-on labs with a virtual appliance, demonstrations, and videos that enable you to run commands, view reports and observe procedures and begin to apply them in your working environment.

COURSE OUTLINE

Introduction and Overview
- Describe each of the NetBackup Appliance models and their major features.
- List the supported NetBackup Appliance software releases and identify where to locate the compatibility information for NetBackup appliances.
- Identify the hardware components and configuration options of the appliance compute units and storage shelves.

Appliance Configuration
- Identify information needed to complete the pre-configuration checklist, identify remote configuration tasks using Veritas Remote Management and other initial configuration considerations.
- Describe how to access the Appliance Web Console for initial appliance configuration using the direct connect and remote methods and connecting post-configuration through the network.
- Identify local configuration tasks using the Appliance Web Console and the NetBackup Appliance Shell Menu (CLISH).
- Identify the remote configuration tasks using the Veritas Remote Management (VRM) console
- Validate the appliance configuration by logging into the appliance.

Appliance Operations

- Explain functionality differences when using a NetBackup appliance, and use common NetBackup features with the appliance.
- Describe backups and restores using an appliance.
- Run reports from the NetBackup and Appliance interfaces showing backup activity on the appliance.

Appliance Troubleshooting and Tools

- Introduce the online resources available to assist with troubleshooting the appliance.
- Describe how the indicators, lights and LEDs can be used to troubleshoot the appliance.
- Describe how to locate and resolve common hardware faults.

Monitoring Appliance Health

- Describe the areas in OpsCenter where Appliance monitoring information is found.
- Identify monitoring tasks using the Appliance Web Console and the NetBackup Appliance Shell Menu (CLISH).
- Identify the areas in the Veritas Remote Management console where Appliance monitoring information is found.

Updates, Resets and Reimage

- Provide an overview for the upgrade process to 2.7.3.
- Identify pre-upgrade checks.
- Describe the process for upgrading an appliance.
- Describe appliance resets.
- Explain appliance reimaging.
- Describe how to decommission an appliance.

Maintenance Tasks

- Describe how AutoSupport alerts are managed.
- Set a login banner on a NetBackup appliance.
- Identify configuration details for a NetBackup CLI User.
- Describe the configuration procedure for LDAP and Active Directory Authentication.
- Explain how to add a storage shelf to the appliance.
- Describe Symantec Data Center Security.
- Describe how to configure SAN Client and Fibre channel replication.

Appendix A - Configuring and managing 5230 Appliances

- Appliance Overview
- Appliance Monitoring
- Appliance Tasks