

## Veritas NetBackup Appliances 3.1.2: Configuration and Management

### Introduction and Overview

- NetBackup Appliance models and their major features.
- NetBackup Appliance software releases and interfaces.
- Hardware components and configuration options of the appliance compute units and storage shelves.

### Appliance Configuration

- Pre-configuration checklist and configuration tasks using Veritas Remote Management.
- Using the Appliance Web Console for initial appliance configuration.
- Local configuration tasks using the Appliance Web Console and the NetBackup Appliance Shell Menu (CLISH).
- Remote configuration tasks using the Veritas Remote Management (VRM) console.
- Validate the appliance configuration.

### Labs

- Exercise A: NetBackup 3.1.2 lab environment
- Exercise B: Configuring a master server Appliance
- Exercise C: Adding a 5330 media server appliance to a master
- Exercise D: Configuring a 5330 media server Appliance
- Exercise E: Verifying the configuration
- Exercise F: Launching the NetBackup Administration Console
- Exercise G: Viewing software emails

### Appliance Operations

- Appliance functionality differences and common NetBackup appliance features.
- Run reports from the NetBackup and Appliance interfaces, showing backup activity on the appliance.
- Configure Universal and Oracle Copilot shares on an appliance.

### Labs

- Exercise A: Appliance Shell Menu storage information
- Exercise B: Resizing storage
- Exercise C: Configuring policies to use Advanced Disk storage
- Exercise D: Performing Manual backups to storage
- Exercise E: Viewing the disk pool information
- Exercise F: NetBackup storage email alerts
- Exercise G: Running Deduplication Reports in OpsCenter (optional)

### Appliance Troubleshooting and Tools

- Online resources for troubleshooting the appliance.
- Troubleshooting using the indicators, lights and LEDs.
- Locate and resolve common hardware faults.

### Labs

- Exercise A: Appliance Shell Support Menu Troubleshooting Commands
- Exercise B: Viewing Log Files Using the Support > Logs Command

### Monitoring Appliance Health

- Monitor appliance health using the OpsCenter interface.
- Monitor appliance health using the Appliance Web Console and the NetBackup Appliance Shell Menu (CLISH).
- Monitor and remotely manage the appliance using the Veritas Remote Management console.

### Updating Appliance Software

- Overview for the upgrade process to 3.1.2.
- Upgrade the software version of a NetBackup appliance.
- Architecture and functionality of the Appliance Management Console.
- Configure Appliance Management Servers and Appliance Management Agents.
- Manage the Repository and install EEB's and upgrades.

### Labs

- Exercise A: Configuring an appliance as an Appliance Management Server (AMS)
- Exercise B: Configuring an appliance as an Appliance Management Agent (AMA)
- Exercise C: Managing appliances from the Appliance Management Console (AMC)

### Maintenance Tasks

- Managing AutoSupport alerts.
- Set a Login Banner on a NetBackup appliance.
- Configure a NetBackup CLI User.
- Configure LDAP and Active Directory Authentication.
- Add or remove a storage shelf to the appliance.
- Configure and monitor appliance security.
- Describe how to configure SAN Client and Fibre channel replication.

### Labs

- Exercise A: NetBackup CLI administrative users
- Exercise B: An introduction to the NetBackup command line shell
- Exercise C: Viewing SDCS audit logs
- Exercise D: Creating a Login Banner

### Reconfiguring an Appliance

- Provide an overview of resetting an appliance.
- Identify the process for reimaging the appliance.
- Describe how to migrate to a new appliance.
- Describe how to decommission an appliance.

### Labs

- Exercise A: Exercise A: Performing a NetBackup Manual Backup
- Exercise B: Configuring Data Migration
- Exercise C: Viewing Migration Task Status
- Exercise D: Viewing Data Migration Results

### CloudCatalyst 5240

- Describe the new NetBackup CloudCatalyst Appliance.
- Configure a CloudCatalyst Appliance.
- Monitor and troubleshoot a CloudCatalyst appliance.

### Labs

- Exercise A: Configuring a CloudCatalyst 5240 storage server
- Exercise B: Perform duplication and backup operations to CloudCatalyst

### Virtual Appliances

- Basic features and use cases for the NetBackup Virtual Appliances.
- Differences between NetBackup Virtual Appliances and NetBackup physical appliances.
- Deployment and configuration of a NetBackup Virtual Appliance.
- Steps for deploying a NetBackup Virtual Appliance.
- NetBackup Virtual Appliance configuration process.
- Identify additional configuration tasks.