

# VERITAS NetBackup Bare Metal Restore™ 6.5

## COURSE DESCRIPTION

VERITAS Bare Metal Restore™ 6.5 for NetBackup is an enterprise solution for rapid recovery of UNIX or Windows client systems. As a complementary product that is integrated with VERITAS NetBackup™, VERITAS Bare Metal Restore™ (BMR) simplifies and streamlines the server recovery process, making it unnecessary to manually reinstall operating systems or configure hardware. With a single command, complete server restores can be accomplished in a fraction of the time. In this 3-day, instructor-led, hands-on class, you gain the expertise that is necessary to set up, administer, and troubleshoot a BMR environment.

### Delivery Method

Instructor-led

### Duration

3 days

### Course Objectives

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

- Plan for the installation of Bare Metal Restore.
- Prepare BMR servers and clients for installation.
- Install and configure the BMR servers and clients.
- Create BMR shared resource trees (SRTs).
- Create boot images for BMR clients.
- Perform recovery of clients to identical systems.
- Perform recover of clients to dissimilar systems.
- Troubleshoot BMR.

### Who Should Attend

This course is for system or network administrators, system engineers, technical support personnel, and system integration/development staff who are responsible for installing, operating, or integrating VERITAS Bare Metal Restore 6.5 for NetBackup.

### Prerequisites

Students must be proficient with administration of Windows and Solaris systems and with basic networking technology. In addition, students should be familiar with VERITAS NetBackup. Familiarity with VERITAS Volume Manager and VERITAS File System would also be an asset.

### 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

### Introducing BMR

- What is BMR?
- BMR Logical Components
- BMR Terminology
- BMR Restore Overview
- BMR 6.5 New Features

### Planning a BMR Installation

- Preparing for BMR Deployment
- BMR Requirements
- BMR Component Placement

### Installing and Configuring BMR

- Installing and Configuring BMR on UNIX/Linux
- Installing and Configuring BMR on Windows
- Updating to NetBackup 6.5.1
- Backing Up Clients

### Configuring Shared Resource Trees

- SRT Overview
- Shared Resource Tree View
- Creating SRTs
- Administering SRTs

### Creating Boot Images

- Overview of the UNIX/Linux Boot Images
- Creating a UNIX/Linux Boot CD
- Overview of Windows Boot Options
- Preparing for a Windows Network Boot
- Creating Windows Boot Media

### Client Recovery on Identical Systems

- Managing Client Configurations
- Preparing for Client Restoration
- Restoring UNIX BMR Clients
- Restoring Windows BMR Clients
- Restoring to a Point in Time
- Using External Procedures

### BMR Architecture

- BMR Daemons, Services, and Processes
- BMR Logging
- BMR Backup Process Overview
- BMR Restore Process Overview
- Port Usage During Restores

### Client Recovery on Dissimilar Systems

- Dissimilar System Restore Overview
- Dissimilar Disk Restore (DDR) on UNIX
- Dissimilar System Restore (DSR) on Windows

**Troubleshooting BMR**

- Configuration Problems
- Boot Image Problems
- Windows DOS Troubleshooting
- Boot-Related Problems
- Problems During Restoration
- Logging