



Western Group (Thailand) Co., Ltd.

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# VERITAS Storage Foundation™ 4.1 for Solaris

## COURSE DESCRIPTION

### Delivery Method

Instructor-led

### Duration

Five days

### Course Objectives

You will learn how to integrate, operate, and make the most of VERITAS Storage Foundation in a UNIX environment. This course provides instruction on operational management procedures for VERITAS Volume Manager (VxVM), VERITAS File System (VxFS), and options, such as VERITAS FlashSnap. In this training you will learn how to install and configure VERITAS Volume Manager and how to manage disks, disk groups, and volumes by using the VERITAS Enterprise Administrator graphical user interface and from the command line. You will also learn system troubleshooting and recovery, online file system administration, cross-platform data sharing, and offline and off-host processing using volume snapshots and storage checkpoints.

### Who Should Attend

This course is for UNIX system or network administrators, system engineers, technical support personnel, and system integration/development staff who will be installing, operating, or integrating VERITAS Storage Foundation, VERITAS Volume Manager, or VERITAS File System.

### Prerequisites

Knowledge of UNIX system administration

### 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

### *VERITAS Storage Foundation 4.1: Fundamentals*

#### Virtual Objects

- Physical Data Storage
- Virtual Data Storage
- Volume Manager Storage Objects
- Volume Manager RAID Levels

#### Installation and Interfaces

- Installation Prerequisites
- Adding License Keys
- VERITAS Software Packages
- Installing VxVM
- VxVM User Interfaces
- Installing and Starting VEA
- Managing the VEA Server

#### Managing Disks and Disk Groups

- Naming Disk Devices
- Disk Configuration Stages
- Creating a Disk Group
- Viewing Disk and Disk Group Information
- Managing Disks
- Managing Disk Groups

#### Creating Volumes

- Selecting a Volume Layout
- Creating a Volume
- Displaying Volume Layout Information



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Creating a Layered Volume  
Removing a Volume

**Configuring Volumes**

Administering Mirrors  
Adding a Log to a Volume  
Changing the Volume Read Policy  
Allocating Storage for Volumes  
Resizing a Volume

**Administering File Systems**

Adding a File System to a Volume  
Using VERITAS File System Commands  
Upgrading the VxFS File System Layout  
Controlling File System Fragmentation  
Logging in VxFS

**Point-in-Time Copies: Standard**

What Is a Point-in-Time Copy?  
Creating and Managing Traditional Volume Snapshots  
Creating and Managing File System Snapshots

**Recovery Essentials**

Maintaining Data Consistency  
Hot Relocation  
Managing Spare Disks  
Replacing a Disk  
Unrelocating a Disk  
Recovering a Volume  
Protecting the VxVM Configuration

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