

ONStor University



The **training**
to help you get
the most from
your ONStor
NAS Gateways

ONStor NAS Gateway Installation

- Covers comprehensive installation process including:
 - System installation
 - Advanced configuration procedures
 - System integration

The NAS Gateway Installation Process

While most customers will elect to have the vendor install their ONStor NAS Gateways, some customers may choose to do their own installations. This course provides the training that a system administrator will need to complete a successful ONStor NAS Gateway cluster installation.

Course Objectives

The objective of this course is to teach system administrators how to plan for, install, and test an ONStor NAS Gateway cluster.

Prerequisites

The ONStor NAS Gateway Administration Course is a prerequisite before attending this course. In addition, it is highly recommended that students possess a solid background in administering a workstation OS platform (e.g. Windows or a UNIX variant), or have equivalent experience with a NAS device. Basic knowledge of TCP/IP networking is recommended as well as basic storage expertise, including an understanding of RAID and Fibre Channel concepts. A working knowledge of file systems and permissions and an understanding of at least one file sharing protocol (NFS or CIFS) is recommended as well.

Course Information

Course Length: One day

Schedule: Schedules and course locations are available at www.onstor.com.

Registration: For further information or to register, please call 1-877-2ONSTOR – 1-877-266-7867

ONStor NAS Gateway Installation Course Outline

Morning

Overview

Course Introduction
Cluster Architecture
- Theory & Operation
- Planning
Lab: Planning for an Install

Basic System Installation

Installing Filers/Clusters
- Physical Install/Serial Port
- Cluster Networking
- Running OCT
- Joining a Cluster/NTP
- Installing NGM
Lab: Cluster/Server Set-Up

Installing Data Networks/Domains

- Ports / Lports
- Switch Port Aggregation
- Joining Domains/Accounts
Lab: Data Networks & Domains

Installing Storage/SANs

- Arrays/SDM file
- LUN & Path Discovery
Lab: Adding Storage

Afternoon

Vserver Configuration

Planning for Vservers
Setting up a Test Vserver
The Management Vserver
- Management Volume
- Core Volume
Testing Vserver with Clients
Lab: Vserver Set-Up

System Integration

System Management
- Autosupport/SMTP
- SNMP
- Elogs / Syslog Server
- FTP server/OS upgrades
NDMP (filer configuration)
Virus Scanning
Lab: System Integration

System Validation / Training

System/Cluster Testing
Conducting a Performance Baseline
Delivering Jump Start Training
Lab: System Validation