

# Dell FS8600 Administration

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<b>Code:</b>	973-8320
<b>Length:</b>	2 days
<b>URL:</b>	<a href="#">View Online</a>

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The 2-day Dell Compellent FS8600 Administration instructor led course provides the opportunity for administrators to gain an understanding of how to integrate and manage the FluidFS 8600 NAS with the Dell Compellent Storage Center. The course provides an overview of the features and theory of the FS8600 and includes hands-on labs designed for administrators to increase their skills.

## Skills Gained

Topics covered in this course include:

- FluidFS Features
- Hardware and Cabling Overview
- Zoning Best Practices
- NAS Volume Thin Provisioning
- CIFS Shares and Active Directory Integration
- Configuring Linux NFS Shares
- Setting Quotas
- Configuring Antivirus Protection
- Snapshot of NAS Volumes
- Replication of NAS Volumes

## Who Can Benefit

- Storage Administrators
- IT Professionals
- Technical Support

## Prerequisites

Required:

- Successful completion of the Compellent Administration and Advanced Management course prior to attending
- the FS8600 Administration training course.

## Course Details

Module 1: Dell FS8600 Overview and Features

- The FluidFS NAS System
- FluidFS Features

- File System Daemon (FSD)
- FSD ARchitecture

## Module 2: FluidFS Hardware & Networking

- Hardware Overview
- Cabling Scenarios
- Load Balancing
- Zoning and Switch Configuration
- Phone Home Feature

## Module 3: NAS Volumes

- Storage Virtualization
- The NAS Pool
- NAS Volumes
- Thin Provisioning
- Fluid Data Reduction

## Module 4: FluidFS 8600 CIFS and NFS Shares

- SMB
- CIFS Shares
- NFS Exports

## Module 5: User Administration

- Windows Permissions
- Linux/Unix Permissions
- Local Users
- Directory Services
- Integration with NIS & LDAP
- User Mapping

## Module 6: Quotas and Antivirus

- Configuring Quotas
- Configuring Antivirus

## Module 7: Snapshots

- Snapshot Overview
- Snapshot Best Practices
- Clones

## Module 8: Replication and NDMP

- FluidFS Replication
  - Replication Setup
  - NDMP Overview
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