

Managing NAS and Performance on Clustered Data ONTAP (NA- NASPAD)

Course Description

This course combines the CIFS, NFS, and performance analysis topics into a one-week course that discusses these topics in-depth. It provides the knowledge and skills that you need to administer CIFS version 1.x to 2.x and NFS versions 3, 4, and 4.1 in a clustered Data ONTAP® operating system. You also learn the skills that you use to collect and analyze system performance data from NetApp® storage systems.

Course Duration:

5 days.

Prerequisites:

- Clustered Data ONTAP Fundamentals
- Clustered Data ONTAP Administration
- Hands-on experience with Data ONTAP (three to six months)

Objectives:

This course focuses on enabling you to do the following:

- Define and describe NFS protocol versions
- Describe CIFS and NFS protocols
- Describe configuration in the clustered Data ONTAP operating system
- Use the Data ONTAP PowerShell Toolkit to write PowerShell scripts
- Use Data ONTAP operating system to configure home directories
- Review performance management for CIFS and NFS environments
- Explain troubleshooting techniques for NetApp storage systems and for clients who use the CIFS and NFS protocols
- Use command output to analyze system performance
- Use command output from case studies to identify performance bottlenecks
- Implement configuration for recommended practices for resiliency and performance
- Locate resources and information that help you maximize system performance

Who Should Attend:

Professionals who manage NetApp storage systems and would like a deeper understanding of clustered Data ONTAP system performance.