



NETAPP UNIVERSITY

Clustered Data ONTAP Advanced Troubleshooting

Abstract

In this course, you increase your proficiency as a Data ONTAP engineer by learning how to troubleshoot clustered Data ONTAP environments. Specifically, you learn how to troubleshoot the management host, scale-out networking, NAS protocols (NFS, CIFS), and SAN protocols (iSCSI and FC). From lectures, demonstrations, and active exercises, you learn how to isolate issues, verify configurations, view logs, view trace messages, and use event management system (EMS) messages and AutoSupport messages for troubleshooting.

Objectives

This course focuses on enabling you to do the following:

- Describe the different software components in the clustered Data ONTAP architecture
- Describe the methodologies for troubleshooting management host applications, networks and protocols (SAN and NAS)
- Use troubleshooting workflows to identify failure symptoms, determine potential causes, and resolve issues
- Use debugging commands, logs, and tools to identify, isolate, and fix complex technical issues that involve different core components
- Check the health of a cluster and summarize the results
- Identify issues with the management host
- Use administrative commands to verify the configuration of CIFS, NFS, and SAN
- Use the troubleshooting methodology for NFS, CIFS, and scalable SAN to define and isolate issues
- Locate logs for the management host, network, NFS, CIFS, and scalable SAN protocols
- Collect data for support cases

Prerequisites

Participants must have working knowledge of Data ONTAP and NAS and SAN protocols and must have attended the ONTAP Cluster Administration course.

Delivery Type

Instructor-led training (ILT)

Duration

4 days

Audience

NetApp Technical Support Engineers, Support Services Certified partner engineers, and Professional Services engineers.

Training Units

None

Language

English

Pricing & Cancellation Policy

For information specific to this course, visit the NetApp University LearningCenter.

If you are registering for this course with an authorized learning partner, review the partner's policy.

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