



NETAPP LEARNING SERVICES

# ONTAP Cluster Fundamentals

Delivery: Web-based training (WBT)

Duration: 60 minutes

## Course Description

Learn about NetApp® ONTAP® clusters and their storage and learn about networking architecture and components. Identify the tools used to manage ONTAP based storage systems and the integrated data protection features in ONTAP software. Review the basic ONTAP monitoring and maintenance tasks.

## Role

Administrator, engineer, architect, and operator

## Prerequisites

Introduction to ONTAP

## Objectives

After taking this course, you should be able to do the following:

- Define storage node, HA pair, and ONTAP cluster
- Recognize the physical and logical components of the ONTAP storage architecture
- Articulate the components and architecture of the networks used in ONTAP clusters
- Distinguish the tools and tasks for the management and monitoring of ONTAP systems
- Identify the integrated data protection features in ONTAP

## Course Content

This course includes the following topics:

Topics	Lessons
<b>ONTAP clusters</b>	ONTAP clusters
<b>ONTAP storage architecture</b>	<ul style="list-style-type: none"><li>• Storage components: Introduction</li><li>• Storage components: Physical layer</li><li>• Storage components: Logical layer</li><li>• Volumes</li><li>• WAFL</li><li>• Efficiency features</li></ul>
<b>Networking</b>	<ul style="list-style-type: none"><li>• Network architecture</li><li>• Network ports</li><li>• Network interfaces</li></ul>
<b>ONTAP administration</b>	<ul style="list-style-type: none"><li>• Storage infrastructure management</li><li>• Management tools for ONTAP based storage systems</li><li>• Data protection</li><li>• ONTAP maintenance: Nondisruptive upgrades</li><li>• ONTAP maintenance: Cluster performance</li></ul>

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