



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

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# ONTAP Performance Administration

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
NEP_OT-PERFADM	24 Hours (3 días)	€2,850.00

## Description

Learn how to collect and analyze system performance data from NetApp® storage systems that run NetApp ONTAP® 9 software. You learn how to interpret data and how to identify and implement changes that improve system efficiency. You also learn how to use system commands and features to monitor and enhance storage system performance. You learn from hands-on exercises, case studies, and technical discussions.

## Objetivos

This course focuses on enabling you to do the following:

- Describe how to use NetApp tools for performance measurement
- Describe the layers within the ONTAP architecture
- Diagram the flow of read and write requests through the network and data layers of ONTAP software
- Discuss how storage quality of service (QoS) operates in an ONTAP cluster
- Explain how to monitor and manage workload performance
- Use the performance analysis tools to identify NAS and SAN performance obstacles

## Público

Administrators & Architects

## Programa

- FAS/AFF system architecture
- Module 1: NetApp Storage System Architecture** • Read and write paths
- Performance concepts
- Module 2: Performance Analysis Fundamentals** • Workloads
- Module 3: Performance Analysis Tools**
- Performance analysis tools
- Identifying network performance issues
- Using Active IQ Unified Manager
- Module 4: Network Layer** • Resolving network I/O performance issues
- Network Attached Storage
- SAN overview
- Identifying NAS performance issues
- SAN multipathing
- Resolving NAS performance issues
- SAN load balancing
- SAN I/O misalignment
- Module 5: NAS Protocols** • Network I/O bottlenecks
- Module 6: SAN Protocols** • Queue depth
- WAFL functions
- Storage subsystem hardware
- WAFL readahead
- Identifying storage performance issues
- Module 7: WAFL Layer** • Resolving WAFL performance issues
- Module 8: Storage Layer** • Identifying storage performance issues
- Cache subsystems
- Cache sizing
- Flash Cache
- Module 9: Cache Subsystem** • Cache sizing
- Module 10: Storage Quality of Service**
- Flash Pool
- CPU subsystem
- Cache policies
- Memory subsystem
- Module 11: CPU and Memory** • Resolving WAFL performance issues
- Performance service levels
- Virus Scanning
- Module 12: External Resources** • File access policies

## Fechas Programadas

Fecha	Localización	Zona horaria	Idioma	Modalidad de impartición	Impartición garantizada	Precio
09 Dec 2024	Virtual Classroom		English	Instructor Led Online		€2,850.00
13 Jan 2025	Virtual Classroom		English	Instructor Led Online		€2,850.00
17 Mar 2025	Virtual Classroom		English	Instructor Led Online		€2,850.00
06 May 2025	Virtual Classroom		English	Instructor Led Online		€2,850.00
16 Jun 2025	Virtual Classroom		English	Instructor Led Online		€2,850.00
15 Dec 2025	Virtual Classroom		English	Instructor Led Online		€2,850.00

## Información Adicional

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)