



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Skontaktuj się z nami**

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# ONTAP Cluster Administration

<b>Kod:</b>	<b>Czas trwania:</b>	<b>Cena netto:</b>
NEP_OT-CLU-A	24 Hours (3 days)	zł13,850.00

## Description

Learn the basic administration tasks of a NetApp® ONTAP® 9.14 cluster. Use the clustershell and NetApp ONTAP System Manager to manage cluster storage and network resources. Discover how to configure basic data protection and data efficiency functions and common cluster maintenance tasks

## Cel szkolenia

- Define ONTAP cluster components
- Describe the role of a storage VM (storage virtual machine, also known as SVM) in the NetApp storage architecture
- Configure an ONTAP cluster
- Configure and manage both networking and storage resources
- Create and configure a storage VM
- Create, manage, and protect NetApp FlexVol® volumes
- Implement storage efficiency features
- Manage ONTAP administrator access and user accounts
- Manage NetApp storage systems

## Uczestnicy

- Administrator
- Architect
- Operator

## Wymagania wstępne

ONTAP Cluster Fundamentals, NAS and SAN Fundamentals elearning is required. This is available free of charge via the NetApp Learning Center - please contact us via the link below if further support is required..

[Contact Us](#)

## Program szkolenia

- ONTAP deployment options
- The ONTAP cluster
- Storage VMs

### Module 1: NetApp ONTAP 9 Clusters • Software-defined storage      Module 2: Cluster Setup

- Supported ONTAP cluster configurations
- Setting up a cluster
- Administration interfaces
- ONTAP licences
- Policies and Schedules

### Module 3: Physical Storage Management

- Drives, RAID, and aggregates
- Advanced Disk Partitioning
- Flash Cache and Flash Pool features
- FabricPool aggregates

Deploying an ONTAP cluster  
Exploring ONTAP management UIs  
**Exercises** Configuring ONTAP Clusters

Managing physical storage  
**Exercises** Exploring RAID-TEC

	<ul style="list-style-type: none"> <li>• Flexible volumes</li> <li>• Moving storage resources</li> <li>• FlexGroup volumes</li> </ul>	Managing data volumes
<b>Module 4: Logical Storage Management</b>	<ul style="list-style-type: none"> <li>• FlexCache volumes</li> <li>• Thin provisioning</li> <li>• Deduplication and compression</li> <li>• Flash efficiency</li> </ul>	<b>Exercises</b> Creating a FlexGroup volume
<b>Module 5: Storage Efficiency</b>	<ul style="list-style-type: none"> <li>• Volume and file clones</li> <li>• ONTAP network review</li> <li>• Network ports</li> <li>• Network traffic segregation</li> <li>• Logical network interfaces</li> <li>• Nondisruptive LIF configuration</li> <li>• Network security</li> </ul>	Managing storage efficiency <b>Exercises</b> Managing FlexClone volumes
<b>Module 6: Network Management</b>	<ul style="list-style-type: none"> <li>• Routing management</li> <li>• Use NAS protocols to access data</li> <li>• Use the NFS protocol to access data</li> <li>• Use the SMB protocol to access data</li> </ul>	Managing physical and logical network resources <b>Exercises</b> Managing virtual network resources Monitoring with ONTAP File System Analytics Configuring the NFS protocol in a storage VM Configuring the SMB protocol in a storage VM
<b>Module 7: NAS Data Access</b>	<ul style="list-style-type: none"> <li>• Use the S3 protocol to access data</li> <li>• Use SAN protocols to access data</li> <li>• Use the iSCSI protocol to access data</li> <li>• Use the FC protocol to access data</li> </ul>	<b>Exercises</b> Configuring the S3 protocol in a storage VM Configuring iSCSI in a storage VM
<b>Module 8: SAN Data Access</b>	<ul style="list-style-type: none"> <li>• Use the NVMe protocol to access data</li> <li>• Manage Snapshot copies</li> <li>• Restore data from a Snapshot copy</li> <li>• Back up and replicate data</li> </ul>	<b>Exercises</b> Configuring NVMe in a storage VM Managing Snapshot copies
<b>Module 9: Data Protection</b>	<ul style="list-style-type: none"> <li>• Compliance</li> <li>• Access control</li> <li>• Storage encryption</li> </ul>	<b>Exercises</b> Managing Snapshot copies
<b>Module 10: ONTAP Security</b>	<ul style="list-style-type: none"> <li>• Ransomware protection</li> <li>• Data collection, monitoring, and automation tools</li> <li>• Upgrading your cluster</li> </ul>	<b>Exercises</b> Managing ONTAP Administrators
<b>Module 11: Cluster maintenance</b>	<ul style="list-style-type: none"> <li>• Technical support</li> </ul>	<b>Exercises</b>
Installing and configuring Active IQ Config Advisor		

## Test and Certification

## Terminy

Data	Lokalizacja	Strefa czasowa	Język	Typ szkolenia	Gwarancja	Cena netto
19 May 2025	Virtual Classroom	CEDT	English	Instructor Led Online	Yes	zł13,850.00
16 Jun 2025	Virtual Classroom	CEDT	English	Instructor Led Online		zł13,850.00
14 Jul 2025	Virtual Classroom	CEDT	English	Instructor Led Online		zł13,850.00
18 Aug 2025	Virtual Classroom	CEDT	English	Instructor Led Online		zł13,850.00
15 Sep 2025	Virtual Classroom	CEDT	English	Instructor Led Online		zł13,850.00
13 Oct 2025	Virtual Classroom	CEDT	English	Instructor Led Online		zł13,850.00
10 Nov 2025	Virtual Classroom	CET	English	Instructor Led Online		zł13,850.00
15 Dec 2025	Virtual Classroom	CET	English	Instructor Led Online		zł13,850.00

## Dodatkowe informacje

Jeśli interesują Cię inne szkolenia tego producenta - skontaktuj się z nami.