



Enterprise Computing Solutions - Education Services

## NABÍDKA ŠKOLENÍ

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**Prosím kontaktujte nás zde**

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# ONTAP 9.3 Data Protection Administration

<b>Kód:</b>	<b>DÉLKA:</b>	<b>CENA:</b>
NEP_OT-DPA	16 Hours (2 DENNÍ)	Kč bez DPH 50,600.00

## Description

Cena školení je 1735 GBP bez DPH a bude přepočtena aktuálním kurzem v poslední den konání školení.

This intermediate-level course introduces key concepts and techniques for protecting data on NetApp® ONTAP® based storage systems. You learn about the data protection solutions that are integrated in ONTAP software. You also learn about tools to manage ONTAP data protection features. In the hands-on exercises, you use ONTAP System Manager and the ONTAP CLI to perform key data protection tasks. This course is updated for ONTAP 9.11.1 software. Become proficient with NetApp ONTAP SnapMirror, SnapVault, SVM DR, SyncMirror, and NDMP technologies used to replicate, restore, and protect mission-critical data in the enterprise. Backup and restore operations are taught using the NetApp storage system CLI and the OnCommand System Manager. The course also provides an overview of the ONTAP MetroCluster high-availability and disaster recovery software solution.

## Cíle

- Describe and distinguish the data protection features in ONTAP software
- Administer the appropriate ONTAP data protection feature to address your data protection concern
- Configure NetApp SnapMirror® relationships for disaster recovery and data backup
- Demonstrate SVM DR
- Illustrate NDMP-enabled operations to back up NAS data to tape
- Integrate the cloud-based data protection solutions that complement your ONTAP based storage systems
- Structure NetApp MetroCluster components and functionality
- Illustrate NetApp SnapMirror Business Continuity components and functionality

## Určeno pro

Backup Administrators  
Data Protection Specialists

## Vstupní znalosti

The Cluster Administration class as below should be taken as a pre-requisite.. OT-CLU-A - ONTAP Cluster Administration  
In addition the Data Protection elearning class accessed FOC via the NetApp Learning Center should be undertaken. Please contact us via the link below for support as required..

## Program

	Data protection introduction
	ONTAP data protection solutions
	ONTAP management solutions
Module 1: Overview of ONTAP data protection	Module 2: SnapMirror Fundamentals
	SnapMirror for FlexVol volumes
	SnapMirror configuration considerations
	Using SnapMirror for volumes
	Interaction between SnapMirror and other ONTAP features
SnapMirror overview	S3 SnapMirror
Configuring SnapMirror relationships	FabricPool
Guidelines for Intercluster networking	Load-sharing mirrors
Cluster and storage VM peering	Addendum: SnapMirror and other data protection feature interaction
Module 3: SnapMirror for disaster recovery and backup	Module 4: SnapMirror Synchronous for disaster recovery

SnapMirror Synchronous SVM DR introduction  
Configuring SnapMirror Synchronous SVM DR requirements and configuration  
Additional SnapMirror Synchronous configuration SVM data mobility  
Module 5: Storage VM Disaster Recovery (SVM DR) Module 6: ONTAP backup and archive solutions  
NDMP fundamentals Cloud Volumes ONTAP  
NDMP topologies SnapMirror Cloud  
NDMP management Cloud Backup Service  
Addendum: NetApp SnapCenter ONTAP data protection with cloud volumes  
Module 7: Cloud-based data protection Module 8: ONTAP business continuity solutions  
MetroCluster fundamentals  
MetroCluster operations  
Consistency group management  
SnapMirror Business Continuity introduction  
SnapMirror Business Continuity configuration  
Failover operations and failure scenarios  
Addendum: SyncMirror feature  
Configuring cluster peering and Storage VM peering  
Using SnapMirror software to mirror FlexVol volumes  
Performing SnapMirror disaster recovery  
Configuring SnapMirror for unified replication  
Restoring data from a Snapshot copy  
Configuring a load-sharing mirror relationship  
Configuring cluster and storage VM peering for a cascade relationship  
Configuring a cascade relationship  
Configuring a SnapMirror synchronous relationship  
Configuring SVM DR

## Zkoušky a certifikace

This course is part of the following NetApp Certifications:  
NetApp Certified Data Administrator - ONTAP (NCDA)  
NetApp Certified Implementation Engineer – Data Protection Specialist (NCIE)

## Termíny školení

Termíny školení na vyžádání, [kontaktujte nás prosím](#)

## Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)