Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Using Astra Trident with Kubernetes

Kód:	DÉLKA:	CENA:
NEP_UATWK	16 Hours (2 DENNÍ)	Kč bez DPH 48,000.00

Description

Školení je vedeno virtuálně v anglickém jazyce ve školicím středisku Arrow v Anglii.
Cena školení je 1 795 GBP bez DPH - tato cena bude při fakturaci přepočtena aktuálním kurzem.
In this course, you learn how to install, configure, and use NetApp® Astra Trident™ to manage Kubernetes with NetApp ONTAP® storage. You deploy Astra Trident by using the Trident operator and use the tridentctl and kubectl methods of managing configurations. You configure NFS-backed and iSCSI-backed storage by using Astra Trident and manage Snapshot™ copies, expand volumes, and import non-Astra Trident volumes to become managed volumes. You deploy Astra Trident in a multiple container storage interface (CSI) environment. Written for Kubernetes v1.23.0 and Astra Trident 22.01, this course includes an appendix on how to monitor Astra Trident.

Cíle

- Review how containers use persistent storage
- Describe the storage concepts that are available in Kubernetes
- Explain how Astra Trident makes managing persistent storage easier
- Install Astra Trident in a Kubernetes cluster
- Configure back ends, storage classes, and persistent volumes to use Astra Trident-managed storage
- Use Astra Trident to manage common use scenarios
- Monitor Astra Trident by using Prometheus and Grafana

Určeno pro

- Systems Administrator
- Systems Architect
- Systems Operator
- Integration Engineer

Vstupní znalosti

Kubernetes Administration knowledge/experience is required in addition to the 3 day course below..

OT-CLU-A - Cluster Administration

Program

Module 1: Kubernetes storage overview
Persistent storage in Kubernetes
Container storage
Kubernetes storage concepts
Dynamic provisioning with Astra Trident

Module 2: Astra Trident Installation
Astra Trident details
Astra Trident installation

Module 3: Astra Trident configuration

Configure back ends
Manage storage classes
Persistent volumes using Astra Trident

Module 4: Managing Storage with Astra Trident
Manage Snapshot copies with Astra Trident
Expand volumes by using Astra Trident
Import volumes by using Astra Trident
Manage multiple-zone storage by using Astra Trident
Appendix 1: Kubernetes-related certifications
Cloud Native Computing Foundation exams
NetApp Kubernetes-related exams

Appendix 2: An introduction to operators
Design patterns for extending Kubernetes
Operators
Example operator implementation

Appendix 3: Astra Trident monitoring
Available options for monitoring Astra Trident
Monitor Astra Trident with Prometheus

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.