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Email: training.ecs.dk@arrow.com
Phone: +45 7025 4500

VMware SD-WAN by VeloCloud: Design and Deploy [V3.x]

CODE:	LENGTH:	PRICE:
VMW_SDWANDD3	24 Hours (3 dage)	kr 16,785.00

Description

This 3-day course equips Managed Service Providers with the knowledge, skills, and abilities to deploy VMware SD-WAN by VeloCloud. You develop an infrastructure using key VMware SD-WAN components such as Gateway and Edge. You learn about VMware SD-WAN design and best practices.

Objectives

By the end of this course, you should be able to meet the following objectives:

- • Explain VMware SD-WAN architecture
- • Outline VMware SD-WAN key components
- • Discuss various MSP use cases and deployment options
- • Deploy VMware SD-WAN Gateway, and VMware SD-WAN Edge
- • Manage VMware SD-WAN Gateways and Edges
- • Design and best practice for VMware SD-WAN

Audience

Any Managed Service Provider who is designing VMware SD-WAN solutions or managing SD-WAN networks for their customers.

Prerequisites

- • Deep understanding of routing and switching technologies
- • Deep understanding of security solutions, including VPN technologies
- • Completion of the VMware SD-WAN VTSP Accreditation
- • Completion of the VMware SD-WAN by VeloCloud: Deploy and Manage course

Programme

1 Course Introduction

- • Introductions and course logistics
- • Course objectives

2 Architecture and Core Features

- • Evaluate the current state of the enterprise WAN and limitations for growth
- • Describe the key components and features of the VMware SD-WAN architecture
- • Explain VMware SD-WAN component placement and interactions between components
- • List VMware SD-WAN core value differentiators
- • Describe VMware SD-WAN core features
- • Evaluate the effect of VMware SD-WAN differentiators on a SD-WAN site deployment

3 VMware SD-WAN MSP use Cases, Deployment Models, and License Models

- • Describe VMware SD-WAN MSP use cases
- • List VMware SD-WAN deployment models
- • Describe each VMware SD-WAN topology model

4 Zero Touch Provisioning

- • Provision a VMware SD-WAN Edge
- • Describe the provisioning process for a VMware SD-WAN Edge
- • Deploy a VMware SD-WAN Virtual Edge on ESXi

5 VMware SD-WAN Cloud VPN

- • Configure Cloud VPN
- • Consider the options of Cloud VPN
- • Describe packet flow in Cloud VPN

6 Routing and Branch Design vCloud Director Networking

- • Control SD-WAN overlay and underlay route advertisement
- • Interpret overlay flow control
- • Demonstrate best practice when using BGP in SD-WAN design
- • Evaluate branch design options

7 VMware SD-WAN Security

- • Explain VMware SD-WAN security architecture
- • Describe VMware SD-WAN Edge security capabilities

8 HA Designs

- • Distinguish between standard and enhanced HA and VRRP

9 Designing for Performance and Scale

- • List the SD-WAN factors that influence scale and performance
- • Compare VMware SD-WAN Edge models and their scale and performance
- • Describe VMware SD-WAN Edge Clustering

10 Standing up a Partner Gateway

- • Describe gateway functionality and roles
- • Provision a gateway from Orchestrator
- • Demonstrate the procedure to install a gateway on ESXi
- • Describe how BGP works together with a Partner Gateway hand-off

11 MSP Operations and Version Management

- • Identify appropriate guide documents
- • Demonstrate account management
- • Describe the VMware SD-WAN upgrade sequence
- • Demonstrate a VMware SD-WAN Edge and Gateway upgrade

Session Dates

På anmodning. Kontakt os venligst

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.