



Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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| CODE: | LENGTH: | PRICE: |
|--------------|-------------------|-----------|
| VMW_SDWANDD3 | 24 Hours (3 days) | €2,350.00 |

Description

Customers demand a scalable, secure, and manageable VMware SD-WAN™ by VeloCloud®. To deliver a successful solution you must understand VMware SD-WAN architecture, know how the features can solve customer use cases, and be able to design a VMware SD-WAN that can be easily deployed, managed, and expanded.

Product Alignment

- VMware SD-WAN by VeloCloud

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 Managed Service Provider (MSP) use cases and deployment options
- Deploy VMware SD-WAN Gateway, and VMware SD-WAN Edge
- Manage VMware SD-WAN Cloud VPN
- Design VMware SD-WAN for performance and scalability
- Configure the Partner Gateway handoff

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

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| <ul style="list-style-type: none"> 1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 3 VMware SD-WAN MSP use Cases, Deployment Models, and License Models <ul style="list-style-type: none"> • Compare VMware SD-WAN use cases • List VMware SD-WAN deployment models • Describe each VMware SD-WAN license model 4 Zero Touch Provisioning <ul style="list-style-type: none"> • Provision VMware SD-WAN Edges • Describe the workflow of a VMware SD-WAN Edge activation. • Provision a VMware SD-WAN Virtual Edge on VMware ESXi™ | <ul style="list-style-type: none"> 2 Architecture and Core Features <ul style="list-style-type: none"> • 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 5 VMware SD-WAN Cloud VPN <ul style="list-style-type: none"> • Configure the VMware SD-WAN Cloud VPN • Consider the availability settings when deploying a Cloud VPN • Describe the packet flow in a Cloud VPN |
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6 Routing and Branch Design

- Control SD-WAN overlay and underlay route advertisement
- Overlay flow control
- Describe best practices when designing VMware SD-WAN with BGP
- Evaluate branch design options

8 High Availability Designs

- Distinguish between Standard and Enhanced High Availability (HA) and Virtual Router Redundancy Protocol (VRRP)

9 Designing for Performance and Scale

- List the SD-WAN factors that influence scalability and performance
- Describe VMware SD-WAN Edge Clustering

10 Standing up a Partner Gateway

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

11 MSP Operations and Version Management

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

7 VMware SD-WAN Security

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

Session Dates

Aikataulutamme kiinnostuksen mukaan. [Ota yhteyttä](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)