TRAINING OFFERING

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VMware SD-WAN for Service Providers [V4.x]

CODE:	LENGTH:	PRICE:
VMW_SDWANSP4	24 Hours (3 days)	€2,350.00

Description

This three-day, hands-on training course provides you with the advanced knowledge, skills, and tools to achieve competency in operating and troubleshooting the VMware SD-WAN™ environment for service providers.
In this course, you focus on deploying and managing VMware SD-WAN for a service provider, including troubleshooting common issues.

Objectives

By the end of the course, you should be able to meet the following objectives:
• Describe how VMware SASE™ solves security challenges for distributed enterprises
• Identify where VMware SD-WAN fits in the VMware SASE framework
• Describe the process for validating the installation of VMware SD-WAN Orchestrator and Gateway in a service provider environment
• Describe the features for monitoring and maintaining a VMware SD-WAN installation
• Evaluate the security features and certificate operations for managing a VMware SD-WAN installation
• Describe VMware SD-WAN Edge licensing and license types
• Describe the features of VMware Edge Network Intelligence™
• Recognize VMware SD-WAN network monitoring tools for generating reports, events, and alerts
• Recognize the remote diagnostic actions available on VMware SD-WAN Orchestrator
• Troubleshoot VMware SD-WAN Orchestrator and Gateway common issues

Programme

1 Course Introduction
• Introductions and course logistics
• Course objectives
2 VMware SD-WAN Installation for Service Providers
• Describe security challenges for distributed enterprises
• Describe the VMware SASE solution for securing distributed enterprises
• Describe VMware deployment models for service providers
• Explain how VMware SD-WAN can help to transform MPLS networks to service-ready networks
• Identify resource requirements for installing VMware SD-WAN Orchestrator and Gateways
• Describe the procedure for installing VMware SD-WAN Orchestrator
• Describe the process for provisioning VMware SD-WAN Orchestrator
• Identify the external service dependencies for VMware SD-WAN Orchestrator
• Recognize disaster recovery options for SD-WAN Orchestrator
• Describe the disaster recovery workflow for VMware SD-WAN Orchestrator
• Identify the requirements for installing VMware SD-WAN Gateway instances
• Describe the procedure for installing VMware SD-WAN Gateway instances
• Describe the procedure for installing VMware SD-WAN Gateway instances on ESXi hosts
• identify Data Plane Development Kit support for gateway performance
• Describe the VMware SD-WAN Gateway deployment modes for service providers
• Configure a VMware SD-WAN Gateway for a service provider
• Assign a VMware SD-WAN Gateway for a service provider

3 VMware SD-WAN Monitoring and Maintenance
• Describe VMware SD-WAN Orchestrator system health-monitoring features
• Describe VMware SD-WAN Orchestrator process-monitoring features
• Describe VMware SD-WAN Orchestrator storage-monitoring features
• Describe VMware SD-WAN Orchestrator database-monitoring features
• Describe the VMware SD-WAN Orchestrator upgrade process
• Describe the VMware SD-WAN Orchestrator backup and data archival processes
• Describe the VMware SD-WAN Orchestrator process to expand database disks
• Describe the VMware SD-WAN Orchestrator system metrics for monitoring
• Describe how systems metrics are collected for monitoring VMware SD-WAN Orchestrator
• Describe VMware SD-WAN Gateway additions and removals
• Describe the VMware SD-WAN Gateway upgrade process
• Describe the VMware SD-WAN Gateway validation process
4 VMware SD-WAN Security and Edge Licensing
• Describe the VMware SD-WAN PKI security infrastructure
• Recognize VMware SD-WAN PKI authentication modes
• Describe VMware SD-WAN certificate operations
• Describe the VMware SD-WAN PKI certificate authentication configuration
• Describe the VMware SD-WAN PKI configuration process
• Compare operator and partner logins
• Describe the VMware SD-WAN self-signed certificate authority process
• Describe VMware SD-WAN certificate authority renewal and revocation
• Describe the VMware SD-WAN intermediate certificate authority
• Describe the VMware SD-WAN certificate chain of trust
• Describe the VMware SD-WAN Edge licensing and license types
• Assign and view the VMware SD-WAN Edge licenses and reports
5 VMware SD-WAN Reporting and Diagnostics
• Describe the VMware SD-WAN network monitoring tools
• Describe the VMware SD-WAN network visibility options and controls
• Identify the VMware SD-WAN Orchestrator reporting features
• Describe and analyze VMware SD-WAN Orchestrator events
• View enterprise reports by operator, partner, and administrator
• View historical network insights and real-time reports on path visibility
• Describe common VMware SD-WAN alerts
• Describe the VMware SD-WAN heart mechanism for alerts
• Configure VMware SD-WAN alerts
• Analyze common VMware SD-WAN alerts
• Use standard networking tools for monitoring VMware SD-WAN
• Describe remote diagnostic actions available on VMware SD-WAN Orchestrator
• Use the remote diagnostics tools on VMware SD-WAN Orchestrator
• Generate remote diagnostics bundles and packet captures
6 VMware SD-WAN Orchestrator and Gateway Troubleshooting
• Recognize the basic sanity checks to troubleshoot VMware SD-WAN Orchestrator
• Create diagnostic bundles to enable support to troubleshoot VMware SD-WAN Orchestrator
• Recognize the basic checks to troubleshoot VMware SD-WAN Orchestrator
• Troubleshoot common VMware SD-WAN Orchestrator performance issues
• Describe the tools available to troubleshoot VMware SD-WAN Gateway
• Analyze sample outputs for debugging a VMware SD-WAN Gateway issue
• Use Data Plane Development Kit to improve VMware SD-WAN Gateway performance
7 VMware SD-WAN Orchestrator and Gateway Commands
• Recognize when and how to use VMware SD-WAN Orchestrator database-monitoring commands
• Recognize when and how to use the VMware SD-WAN Gateway process-monitoring commands

Session Dates

Aikataulutamme kiinnostuksen mukaan. Ota yhteyttä

Additional Information

This training is also available as onsite training. Please contact us to find out more.