

Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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

Kód: DÉLKA: CENA:

VMW SDWANSP4 24 Hours (3 DENNÍ) Kč bez DPH 30,000.00

Description

Školení je vedené virtuálně v angličtině.

Cena kurzu je 1130 EUR a bude přepočtena aktuálním kurzem poslední den školení.

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.

Cíle

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

Určeno pro

- · Service providers who are designing or using VMware SD-WAN solutions or managing SD-WAN networks for customers
- Service providers looking to deliver a managed hybrid WAN with MPLS service
- · Service providers transforming their MPLS networks for direct access to cloud services and increased network agility

Vstupní znalosti

Before taking this course, you should have completed the following course:

· VMware SD-WAN: Deploy and Manage

You should also have the following understanding or knowledge:

- · Good understanding of SD-WAN architectures
- Experience of operating Linux servers, especially Ubuntu
- Knowledge and working experience of computer networking
- Experience with routing and switching technologies
- Experience with security solutions, including VPN technologies

The VMware SD-WAN VTSP accreditation is recommended.

Program

- 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

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

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