

# VMware SD-WAN: Deploy and Manage V4.x

## VMware SD-WAN: Deploy and Manage V4.x



This two-day, hands-on training course provides you with the knowledge, skills, and tools to achieve competency in deploying and managing the VMware SD-WAN by VeloCloud® environment. In this course, you are introduced to workflows of various software-defined WAN constructs along with several operational tools that help you deploy and manage VMware SD-WAN by VeloCloud.

### Kursinhalt

- Course Introduction
- Introduction to VMware SD-WAN Solution
- VMware SD-WAN Components and Architecture
- Using VMware SD-WAN Orchestrator
- Deploy and Configure VMware SD-WAN
- Path and Traffic Management
- Securing VMware SD-WAN Environment
- Monitoring, Maintenance, and Troubleshooting

**E-Book** Sie erhalten englischsprachige Unterlagen von VMware als E-Book.

### Zielgruppe

- Experienced system administrators, network administrators, and system integrators responsible for designing and implementing networking solutions
- Network and security professionals who work with enterprise and data center networks

### Voraussetzungen

- Extensive knowledge of routing and switching is required.

You should also have the following understanding or knowledge:

- Good understanding of TCP/IP services and protocols
- Knowledge and working experience of computer networking, including:
  - Switching and routing technologies (L2-L3)
  - Network and application delivery services (L4-L7)
- Basic understanding of IaaS, SaaS, and public and private cloud

The VMware Certified Professional – Network Virtualization (2020) certification is recommended.

### Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: [www.experteach.ch/go/VSWD](http://www.experteach.ch/go/VSWD)

### Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

### Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

### Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Training		Preise zzgl. MwSt.	
<b>Termine in Deutschland</b>	<b>2 Tage</b>	<b>CHF 1.535,-</b>	
<b>Online Training</b>	<b>2 Tage</b>	<b>CHF 1.535,-</b>	
<b>Termin/Kursort</b>		Kursprache Deutsch	
27.05.-28.05.24	Online	30.09.-01.10.24	Frankfurt
03.06.-04.06.24	Frankfurt	30.09.-01.10.24	Online
03.06.-04.06.24	Online		

Stand 27.04.2024



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## VMware SD-WAN: Deploy and Manage V4.x

### 1 Course Introduction

- Introductions and course logistics
- Course objectives

### 2 Introduction to VMware SD-WAN Solution

- Revisit the traditional WAN technology, WAN topologies and downsides
- Explain the challenges solved by Secure Access Service Edge (SASE) and use cases
- List the components of the VMware SASE™ solution
- Describe the VMware SD-WAN solution and list its capabilities

### 3 VMware SD-WAN Components and Architecture

- Understand the architecture of the VMware SD-WAN solution and list all its components
- Explain the function of VMware SD-WAN Edges, Hub, Gateways, controllers, and Orchestrator
- Explain how the components of the VMware SD-WAN solution interact with each other

### 4 Using VMware SD-WAN Orchestrator

- Describe key attributes of the VMware SD-WAN Orchestrator
- List primary features of the VMware SD-WAN Orchestrator
- Navigate the main menus of the VMware SD-WAN Orchestrator portal

### 5 Deploy and Configure VMware SD-WAN

- Understand the deployment process of VMware SD-WAN components like VMware SD-WAN Edges, Hubs, Gateways, and more
- Understand the workflow of the VMware SD-WAN configuration
- List the optional network services that are supported by VMware and the steps to configure the same
- Understand the profiles and their application in the VMware SD-WAN infrastructure
- Describe the VMware SD-WAN Edge activation process

### 6 Path and Traffic Management

- List the routing options supported by VMware

### SD-WAN: Static, BGP, OSPF

- Understand the Dynamic Multipath Optimization (DMPO) feature and its advantages
- Explain the Quality of Service and its configuration to manage traffic

### 7 Securing VMware SD-WAN Environment

- Explain various options available to secure VMware SD-WAN environments.
- Understand the firewall capabilities and configuration

### 8 Monitoring, Maintenance, and Troubleshooting

- List and understand the various features available to monitor the VMware SD-WAN infrastructure
- List and understand the various options available to troubleshoot and investigate issues in VMware SD-WAN

