



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

Avda Europa 21, 28108 Alcobendas

Email: [formacion.ecs.es@arrow.com](mailto:formacion.ecs.es@arrow.com)

Phone: +34 91 761 21 51



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

**CÓDIGO:**

VMW\_SDWANDM4

**DURACIÓN:**

16 Hours (2 días)

**Precio:**

A consultar

## Description

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.

## Objetivos

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

- Discuss the SD-WAN architecture and platform deployment model options
- Identify and describe the SD-WAN solution components
- Explain the interaction between the SD-WAN Edge, Orchestrator, and Gateway components
- Describe the SD-WAN Software-Defined Networking (SDN) approach, traffic, and network flows
- Explore SD-WAN core features and evaluate how these dramatically improve operational automation
- Use SD-WAN features to perform simple, agile, and secure SD-WAN operations
- Simplify branch infrastructure by inserting network services on the branch edge, in the cloud, or in the regional and enterprise data centers

## Público

- 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

## Requisitos Previos

- 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.

## Programa

### 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

### 1 Course Introduction

- Introductions and course logistics
- Course objectives

### 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

### **Fechas Programadas**

A petición. Gracias por [contactarnos](#).

### **Información Adicional**

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)