

# دوره Cisco SD-WAN Operation and Deployment (ENSDW)

مروری بر دوره

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The Cisco SD-WAN Operation and Deployment (ENSDW) v۱.۰ is a ۲-day instructor-led hands-on course provides an overview of the Cisco SD-WAN solution and SD-WAN components. You will learn how to create, manage, and operate a secure extensible network using Cisco SD-WAN products. Cisco SD-WAN is a new technology, this training covers salient features such as zero-touch provisioning, secure network bring-up, configuration using feature templates, configuration of Overlay Management Protocol (OMP) and policies for network traffic management. Students will also learn about policies and quality of service (QoS) in the SD-WAN overlay network.

آنچه در این دوره خواهید آموخت

آنچه خواهید آموخت

سرفصل ها (حضور)

سرفصل ها



- **Module ۱: SD-WAN Solution Components**

- Lesson ۱: SD-WAN Solution Overview
- Lesson ۲: SD-WAN Components
- Lesson ۳: Managing SD-WAN Components

- **Module ۲: Secure Extensible Network Deployment**

- Lesson ۱: Secure Control Plane Operation
- Lesson ۲: Secure Control Plane Deployment
- Lesson ۳: Secure Data Plane Operation
- Lesson ۴: Cloud Deployments and Redundancy

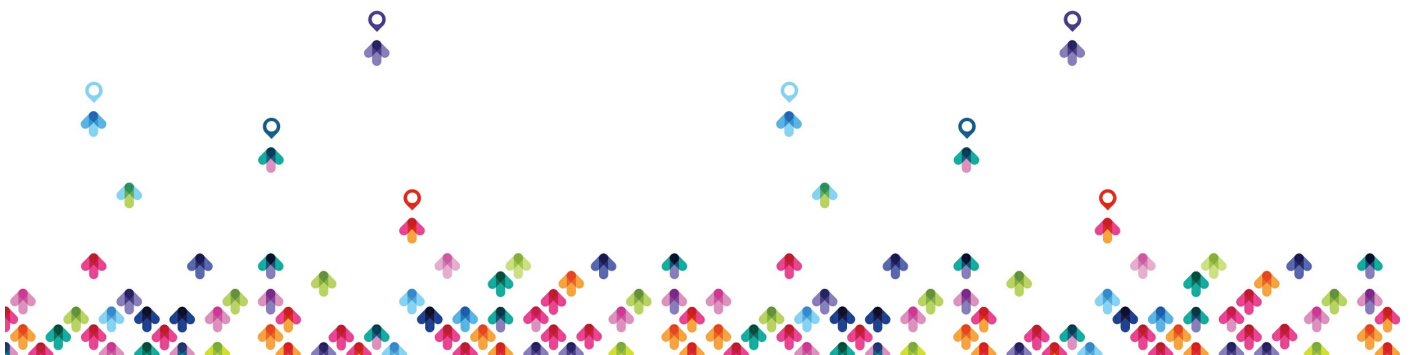
- **Module ۳: SD-WAN Template Deployment**

- Lesson ۱: Templates Overview
- Lesson ۲: Feature Templates
- Lesson ۳: Device Templates
- Lesson ۴: Attaching Devices to Templates

- **Module ۴: SD-WAN Overlay Routing**

- Lesson ۱: Overlay Routing Overview
- Lesson ۲: OMP Route Advertisements
- Lesson ۳: OMP Route Redistribution and Network Segmentation
- Lesson ۴: Configuring and Verifying Overlay Routing

- **Module ۵: SD-WAN Policies and QoS**



- Lesson ۱: Policy Overview and Framework
- Lesson ۲: vSmart Policy Operation and Construction
- Lesson ۳: Forwarding and QoS Overview
- Lesson ۴: Configuring and Monitoring QoS Forwarding

### • Lab Outline

- Lab ۱: Manage and Monitor SD-WAN Components
- Lab ۲: Deploy and Verify SD-WAN vEdge Routers
- Lab ۳: Deploy SD-WAN Templates
- Lab ۴: SD-WAN Overlay Routing
- Lab ۵: SD-WAN Policies

## مخاطبان دوره

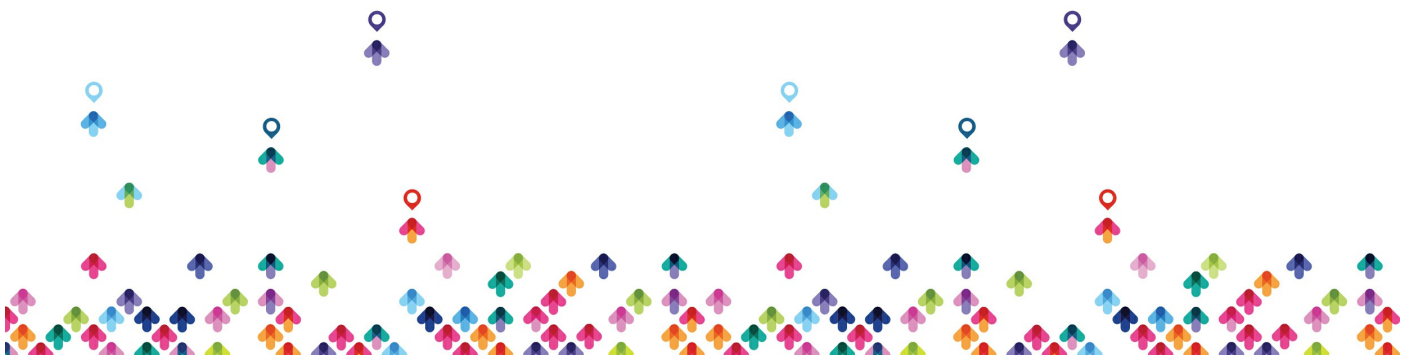
مخاطبان دوره

- Enterprise Network System Installers
- System Integrators
- System Administrators
- Network Administrators
- Solutions Designers

## پیش نیازها

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It is recommended, but not required, to have the following skills and knowledge



before attending this course:

Strong understanding of enterprise wide area network design

Strong understanding of routing protocol operation, including both interior  
and exterior routing protocol operation

Familiarity with Transport Layer Security (TLS) and IP Security (IPSec)

