

Cisco SD-WAN

In this Cisco SD-WAN Deep-Dive course, we are going to learn how to design, deploy, configure, and operate the Cisco Software-Defined WAN (SD-WAN) solution in large-scale enterprise networks. We are going to look at the best practices for rolling out branch sites, as well as how to implement advanced control, data, and application-aware policies in the branch. This course helps you prepare for the CCIE Enterprise Infrastructure v1.0 practical exam, which is part of the new CCIE Enterprise Infrastructure certification.

Course duration

- Instructor-led classroom: 20 days remote

Prerequisite Knowledge:

- Good understanding of traditional enterprise WAN designs
- Good understanding of routing and switching protocols, at least at the CCNA level
- Familiarity with IPSec and TLS standards and usage

How you'll benefit

This course will cover:

1	Introduction to SD-WAN
2	Key features of Cisco SD-WAN
3	Cisco SD-WAN Control Plane
4	Cisco SD-WAN Data Plane
5	Cisco SD-WAN Deployment
6	Cisco SD-WAN Management Plane
7	Cisco SD-WAN Home Lab
8	Centralized Control Policies
9	Centralized Data Policies
10	Application-Aware Routing Policies

11	Localized Policies
12	High Availability, Scalability and Disaster Recovery
13	Cloud OnRamp
14	Cisco SD-WAN Security
15	Advanced Scenarios