

Cisco SD-WAN Design Guide for Cisco Wireless Network Engineers

This Cisco SD-WAN Design Guide for Cisco Wireless Network Engineers course covers how to implement a Cisco Software-Defined WAN solution, manage an existing one, or hybridize a traditional WAN, and then optimize and secure it.

[CBT Nuggets course material](#) →

WEEK 1

Compare WAN Connectivity Options

152 min.

Intro	1
L2 and L3 VPN Services	8
Metro Ethernet and SONET/SDH	9
Dark and Lit Fiber	8
Cellular Connections	8
SD-WAN Customer Edge	7
Review and Quiz	4

Design Site-to-Site VPNs

Overview	1
Intro	1
DMVPN	10
L2 and L3 VPN Design	8
Generic Routing Encapsulation (GRE)	7
IPsec	6
GET VPN	8
Review and Quiz	4

Design Enterprise WAN High Availability

Overview	1
Intro	1
WAN Circuit Redundancy	10
Routing Across Redundant WANs	7
Internet Circuit Redundancy	10
Measuring and Tracking SLA	14
Review and Quiz	5

Describe Cisco SD-WAN Architecture and Principles

Overview	1
Intro	1
Cisco SD-WAN Architecture	9

WEEK 2

104 min.

The SD-WAN Data Plane	7
The SD-WAN Control Plane	3
The SD-WAN Management Plane	5
The Orchestration Plane	5
VPNs, Colors, and TLOCs	9
Features and Benefits	8
Review and Quiz	4

Design Cisco SD-WAN

Overview	1
Intro	1
Control Plane Design	9
Overlay Design	9
LAN Design	6
Redundancy and High Availability	7
Securing the SD-WAN	6
Multicast Traffic	7
QoS in SD-WAN	8
Review and Quiz	7