

Cisco SDA training Content

Sr.No	Contents to Cover	No. of hours required	Number of Days	Training sources
1	Why SD-Access? What were the challenges?	2	Day 1	Theory / presentation
2	SD Access Overview	1		Theory / presentation
3	How SD-Access resolves above challenges?	1		Theory / presentation
4	SDA-use cases	1	Day 2	Theory / presentation
5	SD-Access Underlay and Overlay	1		Theory / presentation
6	SD Access – Roles and Terminology	1		Theory / presentation
7	SD-Access Fabric Component	1		Theory / presentation
8	SD-Access Fabric deployment model(site reference models)	1	Day 3	Theory / presentation
9	LISP (Cisco Locator/ID Separation Protocol) Lab	1		Lab
10	VxLAN lab	1		Lab
11	DNA-C - Digital Network Architecture Controller	1	Day 4 & 5	Lab
12	DNA-C - Digital Network Architecture Controller Cluster set-up	1		Theory/ presentation + basic demo to validate the cluster health
13	What is new in DNA-Center 2.2 version	30 min		Theory / presentation
14	DNA-C deployment checklist-patching schedule	30 min		theory/presentation with sample spreadsheet
15	SDA compatibility matrix (device selections for your setup)	1		Theory/Presentation
16	TACACs integration with DNAC for administration	1	Day 6	Theory / presentation
17	DNA-C - Installation steps	1		Theory/presentation
18	SD Access – Control Plane	1		Theory/presentation
20	Connecting the fabric to External Networks	1		

21	SD Access – Data Plane	1		Theory/presentation
22	SDA Virtual Networks aka VRFs	1	Day 7	Theory/presentation
23	SDA Hardware compatibility	1		Theory/presentation
24	SDA Hardware selection based on site hierarchy,size,business	1		Theory/presentation
25	SDA Design Checklist	1	Day 8	Theory/presentation
26	SD-Access Automation	1		Theory/presentation
27	What is PnP,ZTP	1		Theory/presentation
28	Cisco DNA Center -Template Editor	1		
29	LAN Automation	1		Theory/presentation
30	Overall Connectivity and fabric packet walks	1	Day 9	Theory/presentation
31	ISE Role in SDA	1		Theory/presentation
32	Understanding VNs & SGTs in SD-Access	1		Theory/presentation
33	ISE integration with DNAC	1		Lab
34	SD-access Policy	1	Day 10	Theory/presentation
35	How to design SD-Access	1		Theory/presentation
36	Prerequisites and Implementation flow	1	Day 11	Theory/presentation
37	Introduction to dCloud lab and how to explore this labs?	1		Lab
38	Dcloud and Devnet lab demo	1		Lab
39	SDA wireless setup	1	Day 12	Theory/presentation
40	SDA wireless AP registration	1		Theory/presentation
41	SDA wireless client traffic flow (walk through)	1		Theory/presentation
42	SDA wireless sensors and its role in SDA	1	Day 13	Theory/presentation
43	Difference between AirOS and IOS-XE based wireless controllers	1		Theory/presentation

44	DNA Center Assurance	1	Day 14	Theory/Presentation
45	Cisco DNA Center Automation and Assurance v2.1 - Instant Demo	2		Lab
46	SD-Access Migration Considerations	1	Day 15	Theory/presentation
47	SD-Access Migration Approach	1		Theory/presentation
48	DNA-Center backup & Restore	1	Day 16	Theory/presentation
49	Cisco DNA Center maintenance and troubleshooting	1		Theory/presentation