

Administering Cisco DNA Spaces (DNASPC)

COURSE OUTLINE

Section 1 – DNA Spaces Solutions Overview

- Introduction – What are ‘DNA Spaces’
 - Physical blind-spot resolution for increased behavior and analytics
- Benefits of DNA Spaces
 - Simplification
 - Cloud-based SaaS, scalable
 - Lower TCO
 - Standardized Components
 - 24x7 Support
 - Low-Touch
- Architecture Overview
 - Cloud Software as a Service (SaaS)
 - Hybrid - Cloud + On-Premise
- Deployment Models
 - On-Prem to Cloud Connectors
- Supported Wireless Devices
 - Cisco Hardware and Software
 - Meraki Hardware and Software

Section 2 – Use Cases

- Example Use Cases by Vertical
 - Retail
 - Healthcare
 - Hospitality
 - Enterprise
 - Education
 - Workspaces
 - Stadiums
- “Back-to-Business” – Observations, recommendations and applications specific to safe Covid-19 reopening
 - Customer Facing – Retail, Hospitality, Venues
 - Campus Based - Workspaces, Universities, Schools
 - Operations Led – Healthcare, Manufacturing

Section 3 - Licensing

- Procurement
- Terms

Section 4 – Customer Data Privacy – How Data is protected when using DNA Spaces Cloud

- Data at Rest
- Data in Transit
- Data Security Law Compliance

Section 5 – Configuration

- Getting Started with DNA Spaces
 - Account Creation – receive invitation email, setup p/w, log in to dashboard
 - Network Onboarding and Connecting to DNA Spaces
- Catalyst Connectors – Spaces, CMX, Cat 98K, WLC Direct
- Meraki Connectors - Login, API Key
 - Network Hierarchy Configuration
 - Manual
 - Cisco Prime Maps
 - Dashboard Apps Setup
 - Captive Portals and Captive Portal Reports

Section 6 – Operations – DNA Spaces App Review and Analysis

- Behavioral Monitoring Apps
- Real-Time Analytics Apps
- Captive Portals and Captive Portal Reports
- Location Personas and Engagements

Section 7 - Extending DNA Spaces – Enterprise Integration, Monitoring, and SDK

- DNA Spaces Marketplace – devices and software tailored to vertical and use cases
- DNA Spaces App Center – industry-specific apps leveraging location data via Firehose API
- Spaces SDK - Integrate Advanced Location Accuracy into enterprise's customer apps
- DNA Spaces Advanced Gateway – enable management of BLE beacons and asset tags.