

Cisco CCNA (200-301)

Reviewing Cisco WLAN Components

Learner Objective: Review Cisco WLAN Components

Description: There are many more aspects of wireless to manage. You will learn about components involved, architectures, AP modes and review security protocols used with Wireless.

Q: What are some of the components we should know about on business networks that we don't see on home wireless networks?

- WLAN controllers - centralized management for wireless network
- Lightweight Access Points - only works in conjunction with WLAN controllers.
- LAG
- Trunks

Q: What about Wireless Architectures and access point modes?

- 3 Wireless Architectures
 - Autonomous AP Architecture
 - Cloud-based AP Architecture (Meraki)
 - Lightweight AP Architecture
- AP modes
 - Local (clients)
 - Monitor
 - FlexConnect (clients)
 - Sniffer
 - Rogue Detector (clients)
 - Bridge/Mesh
 - Flex plus Bridge (clients)
 - SE-Connect

Outro:

Endnotes, External and etc.,

- 1.11 Describe wireless principles
 - 1.11.a Nonoverlapping Wi-Fi channels
 - 1.11.b SSID
 - 1.11.c RF
 - 1.11.d Encryption
- 2.7 Describe physical infrastructure connections of WLAN components (AP, WLC, access/trunk ports, and LAG)
- 2.6 Compare Cisco Wireless Architectures and AP modes
- Exam 200-301 Objectives