

Cisco CCNA (200-301)

Episode Title: Identifying Network Component Roles

Learner Objective: Identify the function of network components

Description: Learners will be introduced to network components at a high level so they can identify each component's function and the role they plays in the network.

Questions:

Q: Where should we begin our discussion of network components roles?

Endpoints and Servers...

Q: What do we need to create a wireless network?

access points and possibly a Wireless LAN controller

Q: So where do routers and switches fit in and what's the difference between them? Routing and Switching

Q: Where do firewalls fit into this? NGFW and IPS

Q: Anything else we should consider?

Controllers (Cisco DNA Center and WLC)

Q (last) Will we see all of these components on every network? Not necessarily...

Outro:

Endnotes, External References, etc.

- Exam 200-301 objectives
- Objectives: 1.1a,b,c,d,e,f,g
- [Cisco.com Login Page \(https://www.cisco.com/c/en/us/products/cloud-systems-management/dna-center/instant-demo.html\)](https://www.cisco.com/c/en/us/products/cloud-systems-management/dna-center/instant-demo.html)
Directions and Credentials, READ CAREFULLY, FOLLOW INSTRUCTIONS
- [What is a Next-Generation Firewall (NGFW)?]([What Is a Next-Generation Firewall \(NGFW\)? - Cisco \(https://www.cisco.com/c/en/us/products/security/firewalls/what-is-a-next-generation-firewall.html\)](https://www.cisco.com/c/en/us/products/security/firewalls/what-is-a-next-generation-firewall.html))
- [meraki.com \(meraki.com\)](https://www.meraki.com)