Cisco CCNA (200-301)

Describing Network Management Automation

Learning Objective: Identify the use of automation in networks

Description: Traditional network management can be an iterative process. In a network with many devices this can be problematic. You will learn how automation helps with network management.

Q: How can we do network management today?

Q: Network Automation seems to be the buzz word in the last couple of years, what is that about?

Q: What can we manage with network automation?

- Traditional Networking - One Device at a time
- Controller-Based Networking - Configure once, pushed out to all devices

Q: What a are benefits to Network Automation?

- Time Saving

    - Cost Saving
    - Less Error (Same configuration)
    - Custom and Innovation (beyond device specifics)

Endnote, External and Etc

- 6.1 Explain how automation impacts network management
- 6.2 Compare traditional networks with controller-based networking