CCNA ICND2 (640-816) Quick Learning

The following 15-20 minutes Quick Learning Modules are focused on a specific lesson or topic from the current ICND2 curriculum. This content is only accessible by Registered Users. If you have not yet registered, you will be prompted to register, before proceeding to access this content. **Introducing Access Control List Operation**] Upon completing this lesson, you should be able to do the following: · Describe the different types of IP version 4 (or IPv4) access control lists (or ACLs) · Explain the purpose of ACLs and give examples of when to use them · Explain how inbound and outbound ACLs operate · Describe numbered and named, and standard and extended IPv4 ACLs · Describe time-based, reflexive, and dynamic extended ACLs · Use wildcard masking to create IPv4 ACLs Watch Now **Transitioning to IPv6**] Upon completing this module, you should be able to: · Explain the format of IPv6 addresses and the components required to run IPv6 · Explain the impact of IPv6 on network routing · Configure basic IPv6 parameters · Explain the need for IPv6 · Describe the format of the IPv6 address · Explain the methods that are used to assign an IPv6 address · Explain how IPv6 affects common routing protocols and the necessary modifications you need to make to these protocols · Explain transition strategies for implementing IPv6 · Configure IPv6 with RIPng through an IPv4 network Watch Now **Understanding VLANs and Trunks**] After completing this module, you should be able to do the following: · Describe how and when to implement and verify VLANs and trunking · Define the purpose and function of VLANs on Cisco Catalyst switches · Define the purpose and function of IEEE 802.1Q trunking on Cisco Catalyst switches · Define the purpose and function of VTP on Cisco Catalyst switches Watch Now **Spanning Tree**] This lesson will review Spanning Tree. Watch Now **Point-to-Point WAN Connection with PPP**] This lesson will review Point-to-Point WAN connections. Watch Now