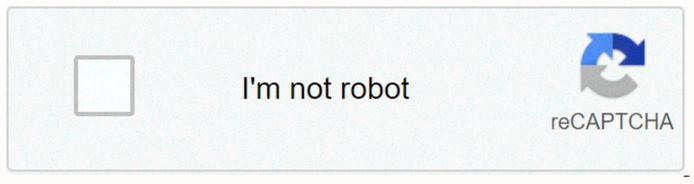

Continue

Chapter 6 skills assessment - packet tracer ccna 1

You get one of three possible topologies addressing table device interface address address Subnet Mask Standard Gateway College G0/0 172.16.5.1 255.255.255.0 N/A G0/1 192.168.5.1 255.255.255.0 N/A Faculty VLAN 1 172.16.5.2 2 2 55.255.255.0 172.16.5.1 Admin VLAN 1 192.168.5.252 255.255.0 192.168.5.1 Prof X NIC 172.16.5.10 255 .255.255.0 172.1 6.5.1 Prof. Y NIC 172.16.5.11 255.255.0 172.16.5.1 Dean X NIC 192.168.5.10 255.255.255.0 192.168.1 1 Dean Y NIC 192.168.5.11 255.255.255.0 192.168.5.1 Destinations • Perform basic device configuration tasks on a router and switch • Configure IP addressing settings on network devices • Check Layer 3 connectivity and troubleshoot connection problems Scenario You work on a network, that has already been partially configured. Use the knowledge you have acquired in the Curnculum and in the labs to meet the following requirements Note: If you need a value that is not given to you, you can use any value. However, you must use the correct values for the default gateways to allow the hosts to communicate. Requirements • Determining the values that are missing from the addressing table • Configure all devices with the missing default gateway values • Name the Faculty Must match this value • Secure access to all faculty switch configuration lines • Secure access to faculty switch device configurations with encrypted password • Ensure that all plaintext passwords on the faculty switch are encrypted • Configuring a corresponding banner on the faculty switch • Configuring addressing for all devices according to the address table other must be determined • Document interfaces with dencnptions on the college router Interfaces and the virtual interface of the faculty switch • Save your configurations • Check connectivity between all devices All devices should be able to ping all other devices • Fix all connection problems All devices should be able to ping each other when you have successfully completed the activity. College Router Configuration Enable Terminal Hostname College Enable Secret cisco line Console 0 Password cisco Login Exit Line vty 0 4 Password Cisco Login Exit Line aux 0 Password Cisco Login Exit Service Password Encryption Banner motd $Authorized Personal Only - Interface g0/0 ip Address 172.16.5.1 255.255.25 5.0 No Shutdown Description Faculty LAN Exit Interface g0/1 IP Address 192.168.5.1 255.255.0 No Shutdown Description Admin End Write Faculty Switch Configuration Enable Terminal HostName Faculty geheime Klassenleitungskonsole 0 Password cisco login exit line vty 0 4 4 Cisco Login Exit Service Password encryption banner motd $Authorized Personnel Only interface vlan 1 IP address 172.16.5.2 255.255.255.0 no shutdown description Faculty – College LAN Exit ip default-gateway 172.16.5.1 end write Admin Switch Configuration enable configure terminal hostname Password cisco login exit line vty 0 4 password cisco login exit service password-encryption banner motd $Authorized Personnel Only' interface vlan 1 ip address 192.168.5.252 255.255.255.0 no shutdown description Admin – College LAN exit ip default-gateway 192.168.5.1 end Prof X IP address : 172.16.5.10 Subnet mask: 255.255.255.0 Standard gateway: 172.16.5.1 Prof Y IP address: 172.16.5.11 Subnet mask: 255.255.255.0 Standard gateway: 172.16.5.1 Dean X IP address: 192.16 8.5.10 Subnet mask: 255.255.255.0 Standard gateway: 192.168.5.1 Dean Y IP address: 192.168.5.11 Subnet mask: 255.255.255.0 Default gateway: 192.168.5.1 March 7, 2016 Last update: 24. November 2019 CCNA 1 Exam Answers, CCNA v6 scenario You are working on a network that has already been partially configured. Use the knowledge you have acquired in the Curnculum and in the labs to meet the following requirements Note: If you need a value that is not given to you, you can use any value. However, you must use the correct values for the default gateways to allow the hosts to communicate. Requirements • Determining the values that are missing from the addressing table • Configure all devices with the missing default gateway values • Name the Faculty Must match this value • Secure access to all faculty switch configuration lines • Secure access to faculty switch device configurations with encrypted password • Ensure that all plaintext passwords on the faculty switch are encrypted • Configure a corresponding banner on the faculty switch • Configure addressing for all devices according to the address table other must be determined • Document interfaces with dencnptions on the college router interfaces and the virtual interface of the faculty switch • Save your configurations • Check connectivity between all devices All devices should be able to ping all other devices • Fix all connection problems All devices should be able to ping each other when you have successfully completed the activity. College Router configuration enable Terminal Hostname College enable secret cisco line Console 0 Password cisco login exit line vty 0 4 password cisco login exit line aux 0 password cisco login exit service password-encryption banner motd $Authorized Personnel Only' interface 172.16.5.1 255.255.255.0 keine Abschaltbeschreibung Fakultät LAN Exit Schnittstelle g0/1 ip Adresse 192.168.5.1 255.255.255.0 keine Shutdown-Beschreibung Admin LAN end write Faculty Switch Konfiguration aktivieren Terminal Hostname Fakultät aktivieren geheime Klasse Linie Konsole 0 Passwort Cisco Login Exit Line vty 0 4 Passwort Cisco Login Exit Service Passwort-Verschlüsselung Banner motd $Authorized Personnel Only - Schnittstelle vlan 1 ip-Adresse 172.16.5.2 255.255..255.0 no shutdown description Faculty – College LAN exit ip default-gateway 172.16.5.1 end write Admin Switch Configuration enable configure terminal hostname Admin enable secret class line console 0 password cisco login exit line vty 0 4 password cisco login exit service password-encryption banner motd $Authorized Person nur-Schnittstelle vlan 1 ip-Adresse 192.168.5.252 255.255.255.0 no shutdown description Admin – College LAN exit ip default-gateway 192.168.5.1 end schreiben Prof X IP-Adresse : 172.16.5.10 Subnet Mask: 255.255.255.0 Default Gateway: 172.16.5.1 Prof Y IP Address: 172.16.5.11 Subnet Mask: 255.255.255.0 Default Gateway: 172.16.5.1 Dean X IP Address: 192.168.5.10 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.5.1 Dean Y IP Address: 192.168.5.11 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.5.1 Topology You will receive one of three possible topologies Addressing Table Device Interface Address Subnet Mask Default Gateway Housing G0/0 172.16.5.1 255.255.255.0 N/A G0/1 192.168.5.1 255.255.255.0 N/A Bldg1 VLAN 1 172.16.5.2 255.255.255.0 172.16.5.1 Bldg2 VLAN 1 192.168.5.252 255.255.255.0 192.168.5.1 RA1-1 NIC 172.16.5.10 255.255.255.0 172.16.5.1 RA1-2 NIC 172.16.5.11 255.255.255.0 172.16.5.1 RA2-1 NIC 192.168.5.10 255.255.255.0 192.168.5.1 RA2-2 NIC 192.168.5.11 255.255.255.0 192.168.5.1 Housing Router Configuration enable configure terminal hostname Housing enable secret cisco line console 0 password cisco login exit line vty 0 4 password cisco login exit line aux 0 password cisco login exit service password-encryption banner motd $Authorized Personnel Only$ interface g0/0 ip address 172.16.5.1 255.255.255.0 no shutdown description Bldg1 LAN exit interface g0/1 ip Adresse 192.168.5.1 255.255.255.0 keine Abschaltbeschreibung Bldg2 LAN end Schreiben Bldg1 Switch Konfiguration aktivieren Terminal-Hostname Bldg1 aktivieren geheime Klasse Linie Konsole 0 Passwort Cisco Login Exit Line vty 0 4 Passwort Cisco Login Exit Service Passwort-Verschlüsselungbanner motd $Authorized Personal nur Schnittstelle vlan 1 ip-Adresse 172.16.5 .2 255.255.255.0 no shutdown description Bldg1 – Housing LAN exit ip default-gateway 172.16.5.1 end write Bldg2 Switch Configuration enable configure terminal hostname Bldg2 enable secret class line console 0 password login exit line vty 0 4 password cisco login exit service password-encryption banner motd $Authorized Personnel Only. 255.255.255.0 no shutdown description Bldg2 – Housing LAN exit ip default-gateway 192.168.5.1 end write RA1-1 IP Address: 172.16.5.10 Subnet Mask: 255.255.255.0 Default Gateway: 172.16.5.1 RA1-2 IP Address: 172.16.5.11 Subnet Mask: 255.255.255.0 Default Gateway: 172.16.5.1 RA2-1 IP Address: 192.168.5.10 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.5.1 RA2-2 IP Address: 192.168.5.11 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.5.1 Topology Or: (Same TYPE B) You will receive one of three possible topologies Addressing Table Device Interface Address Subnet Mask Default Gateway Science G0/0 172.16.5.1 255.255.255.0 N/A G0/1 192.168.5.1 255.255.255.0 N/A Bio VLAN 1 172.16.5.2 255.255.255.0 172.16.5.1 Phys VLAN 1 192.168.5.252 255.255.255.0 192.168.5.1 Bio 1 NIC 172.16.5.10 255.255.255.0 172.16.5.1 Bio 2 NIC 172.16.5.11 255.255.255.0 172.16.5.1 Phys 1 NIC 192.168.5.10 255.255.255.0 192.168.5.1 Phys 2 NIC 192.168.5.11 255.255.255.0 192.168.5.1 Science Router Configuration enable configure terminal hostname Science enable secret cisco line console 0 password cisco login exit line vty 0 4 password cisco login exit line aux 0 password cisco login exit service password-encryption banner motd $Authorized Nur Personal- Schnittstelle g0/0 ip-Adresse 172.16.5.1 255.255.255.0 keine Abschaltbeschreibung Bio LAN Exit-Schnittstelle g0/1 ip-Adresse 192.168.5.1 255.255.25 5.0 keine Shutdown-Beschreibung Phys LAN-Ende Bio Switch Konfiguration aktivieren Sie Terminal-Hostname Bio aktivieren geheime Klasse Linie Konsole 0 Passwort Cisco Login Exit Line vty 0 4 Passwort Cisco Login Exit Service Passwort-Verschlüsselung Banner motd $Authorized Personal nur Schnittstelle vlan 1 ip-Adresse 172.16.5.2 255 .255.255.0 keine Shutdown-Beschreibung Bio – Science LAN exit ip default-gateway 172.16.5.1 end write Phys Switch Configuration enable configure terminal hostname Phys enable secret class line console 0 password cisco login exit line vty 0 4 password cisco login exit service password-encryption banner motd $Authorized Nur Personal - Schnittstelle vlan 1 ip-Adresse 192.168.5.252 255.255.255.0 keine Abschaltbeschreibung Phys – Science LAN exit ip default-gateway 192.168.5.1 end write Bio 1 IP Address : 172.16.5.10 Subnetzmaske: 255.255.255.0 Standard-Gateway: 172.16.5.1 Bio 2 IP-Adresse: 172.16.5.11 Subnetzmaske: 255.255.255.0 Standard-Gateway: 172.16.5.1 Phys 1 IP-Adresse: 192.16 8.5.10 Subnetzmaske: 255.255.255.0 Default Gateway: 192.168.5.1 Phys 2 IP-Adresse: 192.168.5.11 Subnetzmaske: 255.255.255.0 Standard Gateway: 192.168.5.1 PDF & Packet Tracer PKA Dateien unten herunterladen: unten: