CCNA 1 V5.1 2016 ANSWERS

CCNA 1 v5.1+v6.0 Chapter 6 PT Practice Skills Assessment – Packet Tracer

CCNA Exam Answers 2017 March 7, 2016

CCNA Routing and Switching Introduction to Networks Chapter 6 Skills Assessment – Packet Tracer

4.2 (25) votes

TYPE C | TYPE A | TYPE B

Topology

CCNA v6.0 Courseware

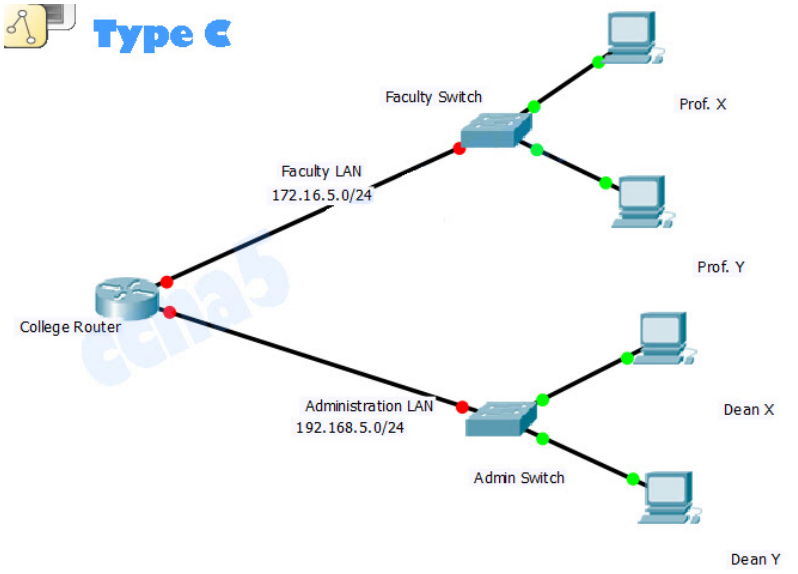
CCNA 1: Introduction to Networking

CCNA 2: Routing & Switching Essentials

CCNA 3: Scaling Networks

CCNA 4: Connecting Networks

Cisco Packet Tracer 7.1.1



You will receive one of three possible topologies

Addressing Table

Device	Interface	Address	Subnet Mask
College	G0/0	172.16.5.1	255.255.255.0
	G0/1	192.168.5.1	255.255.255.0
Faculty	VLAN 1	172.16.5.2	255.255.255.0
Admin	VLAN 1	192.168.5.252	255.255.255.0
Prof X	NIC	172.16.5.10	255.255.255.0
Prof Y	NIC	172.16.5.11	255.255.255.0
Dean X	NIC	192.168.5.10	255.255.255.0
Dean Y	NIC	192.168.5.11	255.255.255.0

Objectives

• Perform basic device configuration tasks on a router and a switch
• Configure IP addressing settings on network devices
• Venfy Layer 3 connectivity and troubleshoot connectivity issues

Scenario

You are working on a network that has already been partially configured In this assessment you will complete a set of requirements by configunng some additional settings on the Faculty switch and the router. Use the knowledge that you have gained in the curnculum and labs to fulfill the requirements below

Note: If you need a value that is not given to you, you can use any value you want However, you must use the correct values for the default gateways in order that the hosts can communicate.

Requirements

• Determine the values that are missing from the Addressing Table
• Configure all devices with the missing default gateway values
• Name the Faculty switch **Faculty** Your configuration must match this value exactly
• Secure access to all configuration lines of the Faculty switch
• Secure access to the device configurations of the Faculty switch using the encrypted password
• Ensure that all plain text passwords on the Faculty switch are encrypted
• Configure an appropriate banner on the Faculty switch
• Configure addressing for all devices according to the Addressing Table Most values are provided in the table, others you must determine
• Document interfaces with descnptions on the College router interfaces and the Faculty switch virtual interface
• Save your configurations
• Venfy connectivity between all devices All devices should be able to ping all of the other devices
• Troubleshoot any connectivity problems

All devices should be able to ping one another when you have successfully completed the activity.

College Router Configuration

```
Router>enable
Router#configure terminal

Router(config)#hostname College
```

```
College(config)#enable secret cisco

College(config)#line console 0
College(config-line)#password cisco
College(config-line)#login
College(config-line)#exit

College(config)#line vty 0 4
College(config-line)#password cisco
College(config-line)#login
College(config-line)#exit

College(config)#line aux 0
College(config-line)#password cisco
College(config-line)#login
College(config-line)#exit

College(config)#service password-encryption

College(config)#banner motd $Authorized Personnel O

College(config)#interface g0/0
College(config-if)#ip address 172.16.5.1 255.255.25
College(config-if)#no shutdown
College(config-if)#description Faculty LAN
College(config-if)#exit

College(config)#interface g0/1
College(config-if)#ip address 192.168.5.1 255.255.2
College(config-if)#no shutdown
College(config-if)#description Admin LAN
College(config-if)#end

College#write
Building configuration…
[OK]
```

Faculty Switch Configuration

```
Switch>enable
Switch#configure terminal

Switch(config)#hostname Faculty

Faculty(config)#enable secret class

Faculty(config)#line console 0
Faculty(config-line)#password cisco
Faculty(config-line)#login
Faculty(config-line)#exit

Faculty(config)#line vty 0 4
```

```
Faculty(config-line)#password cisco
Faculty(config-line)#login
Faculty(config-line)#exit

Faculty(config)#service password-encryption

Faculty(config)#banner motd $Authorized Personnel O

Faculty(config)#interface vlan 1
Faculty(config-if)#ip address 172.16.5.2 255.255.25
Faculty(config-if)#no shutdown
Faculty(config-if)#description Faculty - College L
Faculty(config-if)#exit

Faculty(config)#ip default-gateway 172.16.5.1

Faculty(config)#end
Faculty#write
Building configuration…
[OK]
```

Admin Switch Configuration

```
Switch>enable
Switch#configure terminal

Switch(config)#hostname Admin

Admin(config)#enable secret class

Admin(config)#line console 0
Admin(config-line)#password cisco
Admin(config-line)#login
Admin(config-line)#exit

Admin(config)#line vty 0 4
Admin(config-line)#password cisco
Admin(config-line)#login
Admin(config-line)#exit

Admin(config)#service password-encryption

Admin(config)#banner motd $Authorized Personnel Onl

Admin(config)#interface vlan 1
Admin(config-if)#ip address 192.168.5.252 255.255.2
Admin(config-if)#no shutdown
Admin(config-if)#description Admin - College LAN
Admin(config-if)#exit

Admin(config)#ip default-gateway 192.168.5.1
Admin(config)#end
```

```
Admin#write
Building configuration…
[OK]
```

Prof X

```
IP Address: 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
```

Download PDF File below:

‹ PREV ARTICLE NEXT ARTICLE ›

About The Author

CCNA Exam Answers 2017

Leave a Reply

1 Comment on "CCNA 1 v5.1+v6.0 Chapter 6 PT Practice Skills Assessment – Packet Tracer"

Join the discussion

▲ newest ▲ oldest

Valentino Ippolito

ENRICAAAAAAAAAAAAAAAAAAAAAAAAAAA

Guest

Reply

3 months ago

CCNA v6

CCNA Workbook

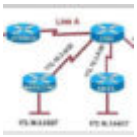
Section 57 – Review 15

Section 56 – Review 14

Section 55 – Review 13

Section 54 – Review 12

Certification 200-125 Exam



CCNA 200-125 Certification Practice Exam Answers – Update New Questions

QUIZ – CCNA Exam Dumps 200-125 Test Online Full Collections

100% Pass CCNA Certification Exam 200-125: 700 Questions and Answers

CCNA v3 (200-125) 171 Questions – Certification Exam Answers latest

Recent Comments

CCNA Exam Answers 2017 on Connecting Networks v6.0 – CN Practice Skills Assessment – PT

RIDHO on CCNA 2 v6.0 Final Exam Answers 2018 – Routing & Switching Essentials

arslan on CCNA 2 (v5.0.3 + v6.0) Chapter 6 Exam Answers 2018 – 100% Full

C1sc05tud3nt on Connecting Networks v6.0 – CN Practice Skills Assessment – PT

Frank on CCNA 1: Introduction to Networks v5.1 + v6.0 Exams Answers 2018

Esaw on CCNA 1 Chapter 2 2016 (v5.1 + v6.0) Test Online 100%

my on IT Essentials (ITE v6.0) Chapter 11 Exam Answers 100% 2016