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LAB 05: CẤU HÌNH THIẾT BỊ MẠNG

Môn: Nhập môn mạng máy tính

TASK1

Cisco Packet Tracer - C:\Users\chuat\Downloads\Lab 5a.pka

File Edit Options View Tools Extensions Window Help

Activity Results

Time Elapsed: 00:39:20

Congratulations Guest! You completed the activity.

Overall Feedback Assessment Items Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
Wireless				
Security Mode	Correct	1	Wireless Client C...	
Authn Type	Correct	4	Wireless Client C...	
Pass Phrase	Correct	4	Wireless Client C...	
SSID	Correct	5	Wireless Client C...	
WRS2				
Default Gateway	Correct	10	Wireless Router ...	
DHCP Server	Correct	10	Wireless Router ...	
DHCP Enable	Correct	0	Wireless Router ...	
Pools	Correct	0	Wireless Router ...	
Pool InkeysPool	Correct	10	Wireless Router ...	
Default Gateway	Correct	0	Wireless Router ...	
Ports				
Internet				
IP Address	Correct	10	Wireless Router ...	
Link to S1	Correct	5	Device Connection	
Connects to FastEthernet0/7	Correct	5	Device Connection	
Type	Correct	0	Other	
Wireless				
Security Mode	Correct	10	Wireless Router ...	
Authn Type	Correct	10	Wireless Router ...	
Pass Phrase	Correct	10	Wireless Router ...	
SSID	Correct	10	Wireless Router ...	
SSID Broadcast	Correct	10	Wireless Router ...	

Score

Item Count : 100/100

13/13

Component	Items/Total	Score
Device Connection	2/2	10/10
Wireless Client Configuration	3/3	10/10
Wireless Router Configuration	8/8	80/80

Close

Cisco Packet Tracer - C:\Users\chuat\Downloads\Lab 5a.pka

File Edit Options View Tools Extensions Window Help

Logical Physical x 1305 y 377

Root

PT Activity: 00:40:05

Packet Tracer – Configuring Wireless LAN Access

Addressing Table

Device	Interface	IP Address	Subnet Mask	Default Gateway
R1	G0/0.10	172.17.10.1	255.255.255.0	N/A
	G0/0.20	172.17.20.1	255.255.255.0	N/A
	G0/0.88	172.17.88.1	255.255.255.0	N/A
PC1	NIC	172.17.10.21	255.255.255.0	172.17.10.1
PC2	NIC	172.17.20.22	255.255.255.0	172.17.20.1
PC3	NIC	DHCP Assigned	DHCP Assigned	DHCP Assigned
WRS2	NIC	172.17.88.25	255.255.255.0	172.17.88.1

Objectives

Part 1: Configure a Wireless Router

Part 2: Configure a Wireless Client

Part 3: Verify Connectivity

Time Elapsed: 00:40:05

Completion: 100/100

Top Deck Check Results Back Next

Time: 00:40:25

Scenario 0

Fire

Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
---	PC3	PC2	ICMP		0.000	N	0	(edit)	(delete)
---	PC3	PC1	ICMP		0.000	N	1	(edit)	(delete)

Toggle PDU List Window

Copper Straight-Through

30°F Clear

8:24 AM 11/17/2022

TASK2:

Cisco Packet Tracer - C:\Users\chuat\Downloads\Lab 5b.pka

FileEditOptionsViewToolsExtensionsWindowHelp

Activity Results

Time Elapsed: 00:11:39

Congratulations Guest! You completed the activity.

Overall FeedbackAssessment ItemsConnectivity Tests

Expand/Collapse AllShow Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
R1				
Ports				
GigabitEthernet0/0				
✓ Description	Correct	3	Device Interface C...	
✓ IP Address	Correct	3	Device Interface C...	
✓ Port Status	Correct	3	Device Interface C...	
✓ Subnet Mask	Correct	3	Device Interface C...	
GigabitEthernet0/1				
✓ Description	Correct	3	Device Interface C...	
✓ IP Address	Correct	3	Device Interface C...	
✓ Port Status	Correct	3	Device Interface C...	
✓ Subnet Mask	Correct	3	Device Interface C...	
✓ Startup Config	Correct	3	Configuration Man...	
R2				
Ports				
GigabitEthernet0/0				
✓ Description	Correct	3	Device Interface C...	
✓ IP Address	Correct	3	Device Interface C...	
✓ Port Status	Correct	3	Device Interface C...	
✓ Subnet Mask	Correct	3	Device Interface C...	
GigabitEthernet0/1				
✓ Description	Correct	3	Device Interface C...	
✓ IP Address	Correct	3	Device Interface C...	
✓ Port Status	Correct	3	Device Interface C...	
✓ Subnet Mask	Correct	3	Device Interface C...	
✓ Startup Config	Correct	3	Configuration Man...	

Score: 54/54

Item Count: 18/18

Component	Items/Total	Score
Configuration Management	2/2	6/6
Device Interface Configuration	16/16	48/48

Close

30°F Clear

Search

ENG

9:03 AM 11/17/2022

Cisco Packet Tracer - C:\Users\chuat\Downloads\Lab 5b.pka

File Edit Options View Tools Extensions Window Help

Logical Physical x: 626, y: 475

PT Activity: 00:11:52

Packet Tracer - Connect a Router to a LAN

Addressing Table

Device	Interface	IP Address	Subnet Mask	Default Gateway
R1	G0/0	192.168.10.1	255.255.255.0	N/A
	G0/1	192.168.11.1	255.255.255.0	N/A
	S0/0/0 (DCE)	209.165.200.225	255.255.255.252	N/A
R2	G0/0	10.1.1.1	255.255.255.0	N/A
	G0/1	10.1.2.1	255.255.255.0	N/A
	S0/0/0	209.165.200.226	255.255.255.252	N/A
PC1	NIC	192.168.10.10	255.255.255.0	192.168.10.1
PC2	NIC	192.168.11.10	255.255.255.0	192.168.11.1
PC3	NIC	10.1.1.10	255.255.255.0	10.1.1.1
PC4	NIC	10.1.2.10	255.255.255.0	10.1.2.1

Objectives

Time Elapsed: 00:11:52 Completion: 54/64

☐ Top ☐ Dock 1/1

Time: 00:11:43

Realtime Simulation

Scenario 0

New Delete

Toggle POE List Window

(Select a Device to Drag and Drop to the Workspace)

30°F Clear

Q Search

ENG 9:04 AM 11/17/2022

R1

Physical Config CLI Attributes

IOS Command Line Interface

```
R1(config)# interface gigabitethernet 0/1
R1(config-if)# ip address 192.168.11.1 255.255.255.0
R1(config-if)# no shutdown

R1(config-if)#
%LINK-3-CHANGED: Interface GigabitEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up
R1(config-if)# copy run start
^
% Invalid input detected at '^' marker.

R1(config-if)# exit
R1(config)# copy run start
^
% Invalid input detected at '^' marker.

R1(config)# exit
R1#
%SYS-5-CONFIG_I: Configured from console by console

R1#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
R1#show run
Building configuration...

Current configuration : 1316 bytes
!
version 15.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname R1
!
!
enable secret 5 $1m$Rz9$ctjUIEg0urQ1FU.ZeC1l
!
!
!
ip cef
no ip vrf cef
!
R1#
```

Ctrl+F6 to exit CLI focus

☐ Top

30°F Clear

Q Search

ENG 9:05 AM 11/17/2022

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
service password-encryption
!
hostname R1
!
!
enable secret 5 $1$mRr9cTjUIEgW0urQ1FU.ZeCil
!
!
!
!
!
!
ip cef
no ip vrf cef

R1#show ip interface brief
Interface      IP-Address      OK? Method Status      Protocol
GigabitEthernet0/0    192.168.10.1    YES manual up          up
GigabitEthernet0/1    192.168.11.1    YES manual up          up
Serial0/0/0         209.165.200.225 YES manual up          up
Serial0/0/1         unassigned      YES unset  administratively down down
FastEthernet0/1/0     unassigned      YES unset  administratively down down
FastEthernet0/1/1     unassigned      YES unset  administratively down down
FastEthernet0/1/2     unassigned      YES unset  administratively down down
FastEthernet0/1/3     unassigned      YES unset  administratively down down
Vlan1              unassigned      YES unset  administratively down down

R1#show ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

D    10.0.0.0/8 [90/2170112] via 209.165.200.226, 00:05:29, Serial0/0/0
L    192.168.10.0/24 is variably subnetted, 2 subnets, 2 masks
C     192.168.10.0/24 is directly connected, GigabitEthernet0/0
L     192.168.10.1/32 is directly connected, GigabitEthernet0/0
L     192.168.11.0/24 is variably subnetted, 2 subnets, 2 masks
C     192.168.11.0/24 is directly connected, GigabitEthernet0/1
L     192.168.11.1/32 is directly connected, GigabitEthernet0/1
C     209.165.200.0/24 is variably subnetted, 3 subnets, 3 masks
D     209.165.200.0/24 is a summary, 00:10:54, Null0
C     209.165.200.224/30 is directly connected, Serial0/0/0
L     209.165.200.225/32 is directly connected, Serial0/0/0




R1#
```


Ctrl+F6 to exit CLI focus

CopyPaste

☐ Top

30°F
Clear

  Search 

ENG  9:05 AM
11/17/2022