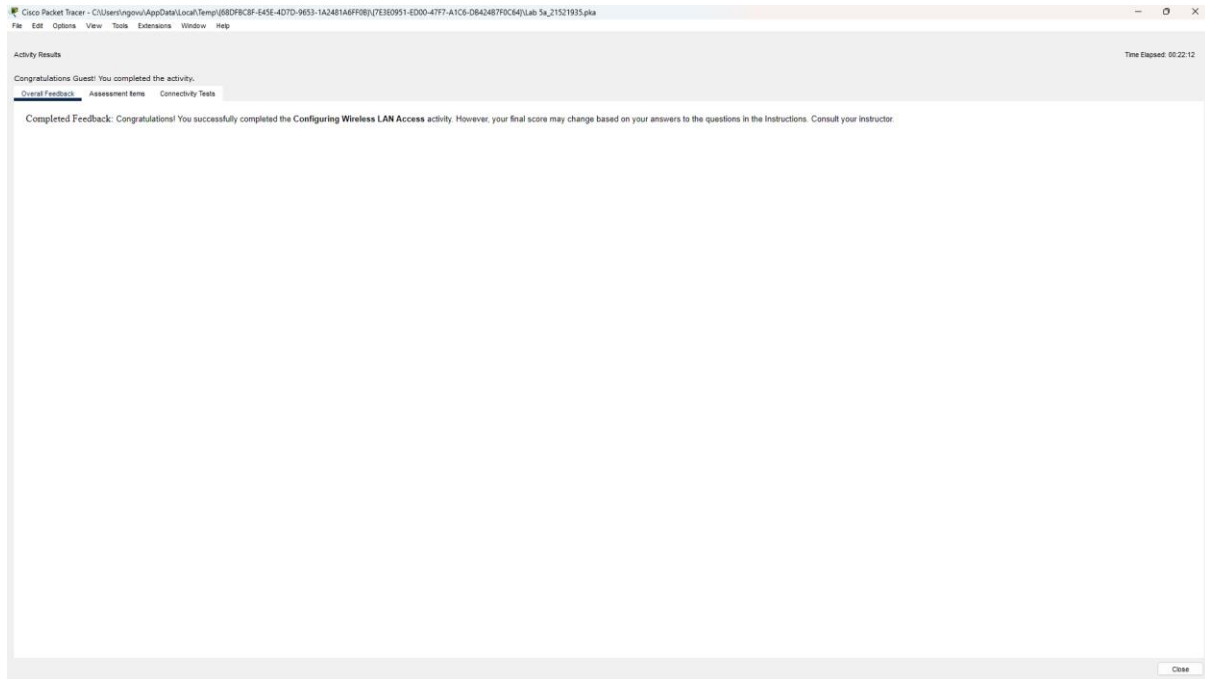


Tên: Ngô Vũ Minh Đạt

MSSV:21521935

Task 1: Cấu hình thiết bị mạng không dây

Kết quả thực hành :



Assessment Items	Status	Points	Component(s)	Feedback
Network				
PC3				
Wireless				
Security Mode				
Authen Type	Correct	1	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				
DHCP Enable	Correct	10	Wireless Router ...	
Pools		0	Ip	
Pool linksysPool		0	Ip	
Default Gateway	Correct	10	Wireless Router ...	
Ports				
Internet				
IP Address	Correct	10	Wireless Router ...	
Link to S1				
Connects to FastEthernet0/7	Correct	5	Device Connection	
Type	Correct	5	Device Connection	
Wireless		0	Other	
Wireless				
Security Mode				
Authen Type	Correct	10	Wireless Router ...	
Pass Phrase	Correct	10	Wireless Router ...	
SSID	Correct	10	Wireless Router ...	
SSID BroadCast	Correct	10	Wireless Router ...	

File:



Lab 5a_21521935.pka

Task 2: Cấu hình địa chỉ IP trên router

Kết quả thực hành :

Lệnh show run:

```
R1#show run
Building configuration...

Current configuration : 1348 bytes
!
version 15.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname R1
!
!
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCil
!
!
!
!
!
!
ip cef
no ipv6 cef
!
!
!
!
license udi pid CISCO1941/K9 sn FTX15240P9D
!
!
!
!
!
!
!
!
!
!
spanning-tree mode pvst
!
!
!
!
!
!
interface GigabitEthernet0/0
 description LAN connection to S1
 ip address 192.168.10.1 255.255.255.0
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 192.168.11.1 255.255.255.0
 duplex auto
```

```
ip address 192.168.10.1 255.255.255.0
duplex auto
speed auto
!
interface GigabitEthernet0/1
ip address 192.168.11.1 255.255.255.0
duplex auto
speed auto
!
interface Serial0/0/0
ip address 209.165.200.225 255.255.255.252
clock rate 64000
!
interface Serial0/0/1
no ip address
clock rate 2000000
shutdown
!
interface FastEthernet0/1/0
switchport mode access
switchport nonegotiate
shutdown
!
interface FastEthernet0/1/1
switchport mode access
switchport nonegotiate
shutdown
!
interface FastEthernet0/1/2
switchport mode access
switchport nonegotiate
shutdown
!
interface FastEthernet0/1/3
switchport mode access
switchport nonegotiate
shutdown
!
interface Vlan1
no ip address
shutdown
!
router eigrp 1
network 192.168.10.0
network 192.168.11.0
network 209.165.200.0
auto-summary
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
line con 0
password 7 0822455D0A16
login
!
line aux 0
```

```

line aux 0
!
line vty 0 4
  login
!
!
!
end

```

Lệnh: show IP interface brief

```

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

Lệnh: show Ip route

```

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, 00:04:37, Serial0/0/0
    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
    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
    209.165.200.0/24 is variably subnetted, 3 subnets, 3 masks
D    209.165.200.0/24 is a summary, 00:04:45, 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

```

Kết quả tổng quát:

Cisco Packet Tracer - C:\Users\ngow\AppData\Local\Temp\{68DFBC8F-E45E-4D7D-9653-1A2481A6FF0B}\49AE353C-F598-4147-AF1F-C1500D63BF57\Lab 5b_21521935.pka
File Edit Options View Tools Extensions Window Help

Activity Results

Congratulations Guest! You completed the activity.

Overall Feedback Assessment Items Connectivity Tests

Congratulations! You successfully completed the Packet Tracer - Connect a Router to a LAN activity. However, your final score may change based on your answers to the questions in the Instructions. Consult your instructor.

Kết quả chi tiết

Activity Results

Time Elapsed: 00:34:51

Congratulations Guest! You completed the activity.

Overall FeedbackAssessment ItemsConnectivity Tests

Expand/Collapse AllShow Incorrect Items

Assessment Item	Status	Points	Component(s)	Feedback
R1				
Ports				
OpableEthernet0/0	Correct	3	Device Interface ...	
Description	Correct	3	Device Interface ...	
IP Address	Correct	3	Device Interface ...	
Port Status	Correct	3	Device Interface ...	
Subnet Mask	Correct	3	Device Interface ...	
OpableEthernet0/1	Correct	3	Device Interface ...	
Description	Correct	3	Device Interface ...	
IP Address	Correct	3	Device Interface ...	
Port Status	Correct	3	Device Interface ...	
Subnet Mask	Correct	3	Device Interface ...	
Startup Config	Correct	3	Configuration File	
R2				
Ports				
OpableEthernet0/0	Correct	3	Device Interface ...	
Description	Correct	3	Device Interface ...	
IP Address	Correct	3	Device Interface ...	
Port Status	Correct	3	Device Interface ...	
Subnet Mask	Correct	3	Device Interface ...	
OpableEthernet0/1	Correct	3	Device Interface ...	
Description	Correct	3	Device Interface ...	
IP Address	Correct	3	Device Interface ...	
Port Status	Correct	3	Device Interface ...	
Subnet Mask	Correct	3	Device Interface ...	
Startup Config	Correct	3	Configuration File	

Score

Item Count

5454

1818

Component	Items/Total	Score
Configuration Management	22	66
Device Interface Configuration	1516	4548

File:



Lab 5b_21521935.pka

Task 3: Áp dụng chia địa chỉ IP

Cho mô hình trên và địa chỉ 192.168.100.0/24, hãy xác định:

- Có 5 mạng con

Thực hiện chia mạng con từ địa chỉ đã cho? Liệt kê các thông số gồm địa chỉ mạng, dãy địa chỉ host, địa chỉ broadcast của các mạng con đó và điền vào bảng sau:

STT	Địa chỉ mạng	Địa chỉ đầu	Địa chỉ cuối	Địa chỉ broadcast
1	192.168.100.0	192.168.100.1	192.16.100.30	192.168.100.31
2	192.168.100.32	192.168.100.33	192.168.100.62	192.168.100.63
3	192.168.100.64	192.168.100.65	192.168.100.95	192.168.100.95
4	192.168.100.96	192.168.100.97	192.168.100.126	192.168.100.127
5	192.168.100.128	192.168.100.129	192.168.100.158	192.168.100.159
6	192.168.100.160	192.168.100.161	192.168.100.190	192.168.100.191
7	192.168.100.192	192.168.100.193	192.168.100.221	192.168.100.223
8	192.168.100.224	192.168.100.225	192.168.100.254	192.168.100.255

Device	Interface	IP address	Bubnet mask	default gateway
R1	G0/0	192.168.100.1	255.255.255.224	x
	G0/1	192.168.100.33	255.255.255.224	x
	S0/0/0	192.168.100.129	255.255.255.224	x
R2	G0/0	192.168.100.65	255.255.255.224	x
	G0/1	192.168.100.97	255.255.255.224	x
	S0/0/0	192.168.100.129	255.255.255.224	x
S1	VLAN1	192.168.100.2	255.255.255.224	192.168.100.1
S2	VLAN1	192.168.100.34	255.255.255.224	192.168.100.33
S3	VLAN1	192.168.100.66	255.255.255.224	192.168.100.65
S4	VLAN1	192.168.100.98	255.255.255.224	192.168.100.97
PC1	NIC	192.16.100.30	255.255.255.224	192.168.100.1
PC2	NIC	192.168.100.62	255.255.255.224	192.168.100.33
PC3	NIC	192168.100.95	255.255.255.224	162.168.100.65
PC4	NIC	192.168.100.126	255.255.255.224	192.168.100.97

Kết quả thực hành

Kết quả chi tổng quan

Congratulations Guest! You completed the activity.

Overall Feedback Assessment Items Connectivity Tests

Congratulations! You successfully completed the Packet Tracer - Subnetting Scenario 1 activity. However, your final score may change based on your answers to the questions in the Instructions. Consult your instructor.

Kết quả chi tiết

Overall Feedback Assessment Items Connectivity Tests					Score	
Expand/Collapse All Show Incorrect Items					Item Count	: 30/30
Assessment Items	Status	Points	Component(s)	Feedback		
Network						
PC1						
Default Gateway	Correct	2	Default Gateway...			
FastEthernet0						
IP Address	Correct	2	IPv4 Host Address...			
Subnet Mask	Correct	2	IPv4 Subnet Mask...			
R1						
GigabitEthernet0/0						
IP Address	Correct	3	IPv4 Host Address...			
Port Status	Correct	1	Device Interface...			
Subnet Mask	Correct	3	IPv4 Subnet Mask...			
GigabitEthernet0/1						
IP Address	Correct	3	IPv4 Host Address...			
Port Status	Correct	1	Device Interface...			
Subnet Mask	Correct	3	IPv4 Subnet Mask...			
S3						
Default Gateway	Correct	3	Default Gateway...			
Vlan1						
IP Address	Correct	3	IPv4 Host Address...			
Port Status	Correct	1	Device Interface...			
Subnet Mask	Correct	3	IPv4 Subnet Mask...			
					Score	: 30/30
					Item Count	: 13/13
					Component	Items/Total Score
					Default Gateway Configuration	2/2 5/5
					Device Interface Configuration	3/3 3/3
					IPv4 Host Address Calculation	4/4 11/11
					IPv4 Subnet Mask Calculation	4/4 11/11

File:



Lab 5c_21521935.pka