

Task 1:

Bảng kết quả

Cisco Packet Tracer - C:\Users\DELL\Desktop\20520605_VoAnhKiet_Lab5\Lab 5.apk

File Edit Options View Tools Extensions Help

Activity Results

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				
PC3				
Wireless				
Security Mode	Correct	1	Wireless Client C...	
Authen Type	Correct	4	Wireless Client C...	
Pass Phrase	Correct	5	Wireless Client C...	
SSID				
WRS2				
Default Gateway	Correct	10	Wireless Router ...	
DHCP Server				
DHCP Enable	Correct	10	Wireless Router ...	
Pools				
Pool InksaysPool		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	
Other		0		
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 ...	

Score : 100/100
Item Count : 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

Task 2:

Kiểm tra kết nối

PC4

Physical Config Desktop Programming Attributes

Command Prompt

```
Pinging 192.168.10.10 with 32 bytes of data:
Request timed out.
Reply from 192.168.10.10: bytes=32 time=1ms TTL=126
Reply from 192.168.10.10: bytes=32 time=1ms TTL=126
Reply from 192.168.10.10: bytes=32 time=1ms TTL=126

Ping statistics for 192.168.10.10:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\>ping 192.168.10.10

Pinging 192.168.10.10 with 32 bytes of data:

Reply from 192.168.10.10: bytes=32 time=1ms TTL=126
Reply from 192.168.10.10: bytes=32 time=1ms TTL=126
Reply from 192.168.10.10: bytes=32 time=7ms TTL=126
Reply from 192.168.10.10: bytes=32 time=1ms TTL=126

Ping statistics for 192.168.10.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 7ms, Average = 2ms

C:\>|
```

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PC2

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.11.10

Pinging 192.168.11.10 with 32 bytes of data:

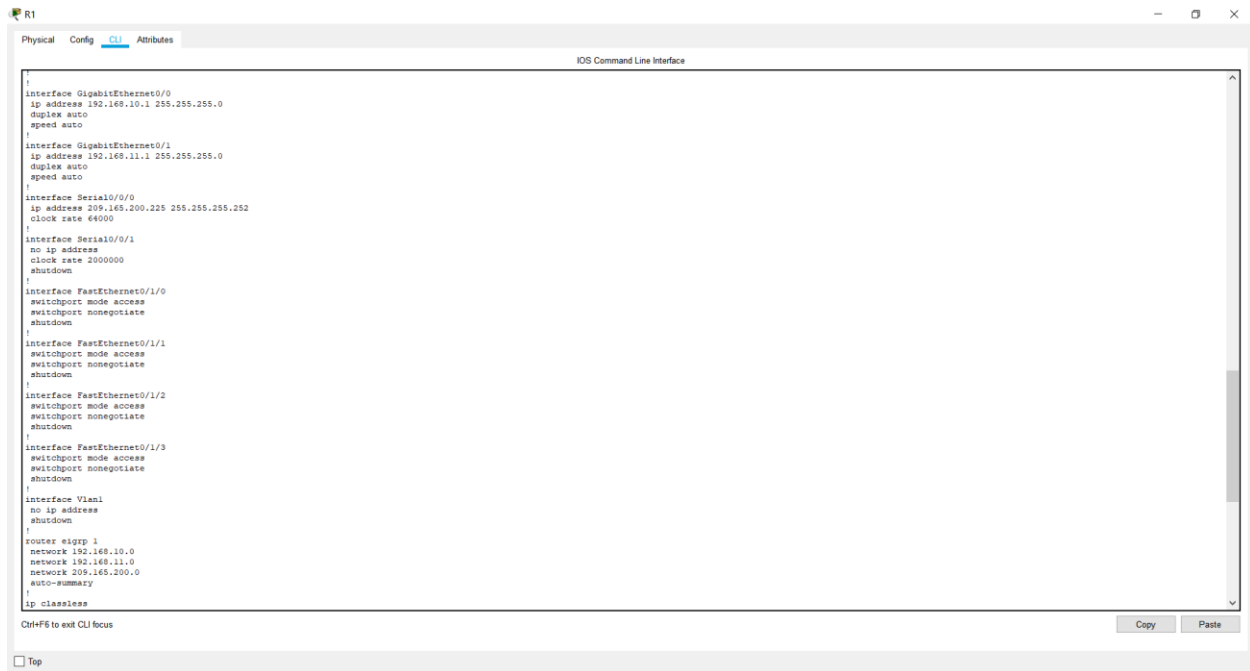
Reply from 192.168.11.10: bytes=32 time=3ms TTL=128
Reply from 192.168.11.10: bytes=32 time=4ms TTL=128
Reply from 192.168.11.10: bytes=32 time=5ms TTL=128
Reply from 192.168.11.10: bytes=32 time=5ms TTL=128

Ping statistics for 192.168.11.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 5ms, Average = 4ms

C:\>|
```

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Các cấu hình của thiết bị:



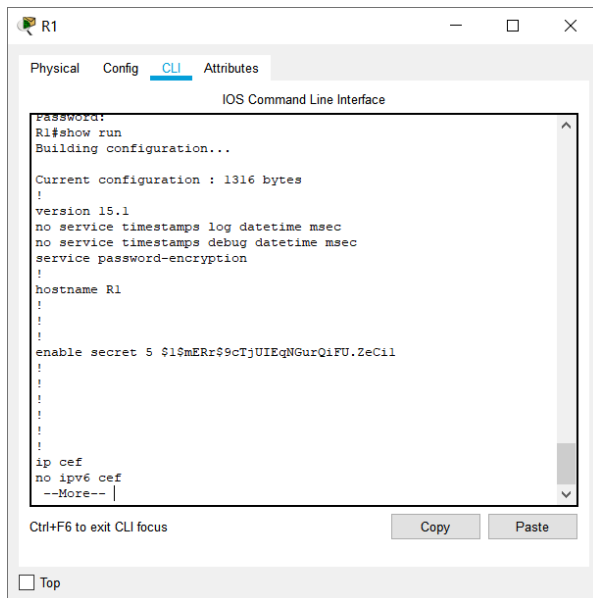
The screenshot shows the R1 configuration window with the following configuration:

```
!
interface GigabitEthernet0/0
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 ospf 1
network 192.168.10.0
network 192.168.11.0
network 209.165.200.0
auto-summary
!
ip classless
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top



The screenshot shows the R1 configuration window with the output of the 'show run' command:

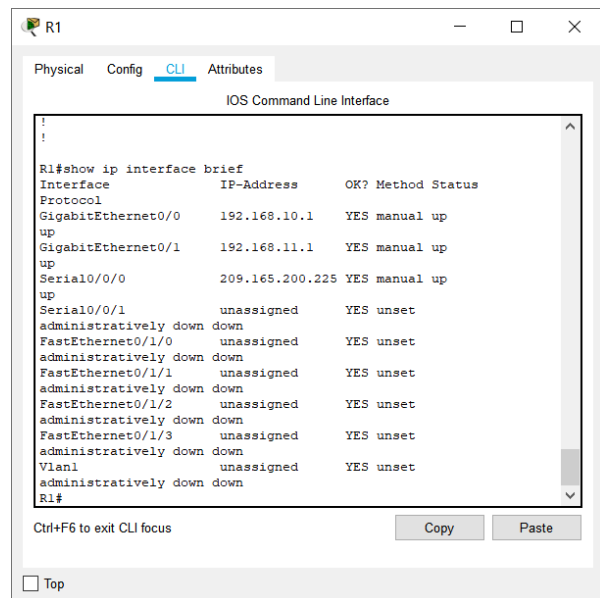
```
!
R1#show run
Building configuration...

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 $1$mERr$9cTjUIEqNGurQiFU.ZeCil
!
!
!
ip cef
no ipv6 cef
--More-- |
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top



The screenshot shows the R1 configuration window with the output of the 'show ip interface brief' command:

```
!
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#
```

Ctrl+F6 to exit CLI focus

Copy Paste

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```

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, 00:09:38, 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, 00:18:26, 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#

```

Bảng kết quả

Cisco Packet Tracer - C:\Users\DELL\Desktop\20520605_VoAnhKiet_Lab5\Lab 5b.pka

File Edit Options View Tools Extensions Help

Activity Results Time Elapsed: 00:21:13

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				
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](#)

Task 3:

STT	Địa chỉ mạng	Địa chỉ đầu	Địa chỉ cuối	Địa chỉ Broadcast
0	192.168.100.0	192.168.100.1	192.168.100.30	192.168.100.31
1	192.168.100.32	192.168.100.33	192.168.100.62	192.168.100.63
2	192.168.100.64	192.168.100.65	192.168.100.94	192.168.100.95
3	192.168.100.96	192.168.100.97	192.168.100.126	192.168.100.127
4	192.168.100.128	192.168.100.129	192.168.100.158	192.168.100.159
5	192.168.100.160	192.168.100.161	192.168.100.190	192.168.100.191
6	192.168.100.192	192.168.100.193	192.168.100.222	192.168.100.223
7	192.168.100.224	192.168.100.225	192.168.100.254	192.168.100.255

Device	Interface	IP Address	Subnet Mask	Default Gateway
R1	G0/0	192.168.100.1	255.255.255.224	N/A
	G0/1	192.168.100.33	255.255.255.224	N/A
	S0/0/0	192.168.100.129	255.255.255.224	N/A
R2	G0/0	192.168.100.65	255.255.255.224	N/A
	G0/1	192.168.100.97	255.255.255.224	N/A
	S0/0/0	192.168.100.158	255.255.255.224	N/A
S1	VLAN 1	192.168.100.2	255.255.255.224	192.168.100.1
S2	VLAN 1	192.168.100.34	255.255.255.224	192.168.100.33
S3	VLAN 1	192.168.100.66	255.255.255.224	192.168.100.65
S4	VLAN 1	192.168.100.98	255.255.255.224	192.168.100.97
PC1	NIC	192.168.100.30	255.255.255.224	192.168.100.1
PC2	NIC	192.168.100.62	255.255.255.224	192.168.100.33
PC3	NIC	192.168.100.94	255.255.255.224	192.168.100.65
PC4	NIC	192.168.100.126	255.255.255.224	192.168.100.97

Bảng kết quả

Cisco Packet Tracer - C:\Users\DELL\Desktop\20520605_VoAnhKiet_Lab5\Lab 5c_20520605.pka

FileEditOptionsViewToolsExtensionsHelp

Activity Results

Time Elapsed: 00:13:46

Congratulations Guest! You completed the activity.

Overall FeedbackAssessment ItemsConnectivity Tests

Expand/Collapse AllShow Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
PC4				
Default Gateway	Correct	2	Default Gateway ...	
Ports				
FastEthernet0				
IP Address	Correct	2	IPv4 Host Address...	
Subnet Mask	Correct	2	IPv4 Subnet Mask...	
R1				
Ports				
GigabitEthernet0/0				
IP Address	Correct	3	IPv4 Host Address...	
Port Status	Correct	1	Device Interface C...	
Subnet Mask	Correct	3	IPv4 Subnet Mask...	
GigabitEthernet0/1				
IP Address	Correct	3	IPv4 Host Address...	
Port Status	Correct	1	Device Interface C...	
Subnet Mask	Correct	3	IPv4 Subnet Mask...	
S3				
Default Gateway	Correct	3	Default Gateway ...	
Ports				
Vlan1				
IP Address	Correct	3	IPv4 Host Address...	
Port Status	Correct	1	Device Interface C...	
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

Close