

# BÁO CÁO LAB 5

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Task 1: Bảng kết quả

Lab 5 - Configuring Ne... 7 / 11 | 100% + |

PC3 Physical Config Desktop Programming Attributes

Link Information Connect Profiles

More Information Infrastructure Mode

You have successfully connected to the access point

24GHz

Signal Strength Link Quality Adapter is Active

Wireless-N Notebook Adapter Wireless Network Monitor v1.0 Model No. WPC300N

Activity Results Time Elapsed: 00:00:00

Congratulations Guest! You completed the activity.

Overall Feedback Assessment Items Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points
Network		
Wireless		
Security Mode	Correct	1
Authn Type	Correct	4
Pass Phrase	Correct	5
SSID	Correct	
WRS2		
Default Gateway	Correct	10
DHCP Server		
DHCP Enable	Correct	10
Pools		0
Pool linkysPool		0
Default Gateway	Correct	10
Ports		
Internet		
IP Address	Correct	10
Link to S1		
Connects to FastEthernet0/7	Correct	5
Type	Correct	5
Wireless		
Security Mode	Correct	10
Authn Type	Correct	10
Pass Phrase	Correct	10
SSID	Correct	10
SSID Broadcast	Correct	10

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

Logical Physical 666 y 28 Root

Subinterfaces

- G0/0 10 172.17.10.1/24
- G0/0 20 172.17.20.1/24
- G0/0 88 172.17.88.1/24

G1/1 F0/7 F0/18 F0/18

WRS2 172.17.88.25/24 VLAN 88

PC3 172.17.40.100/24

PC1 172.17.10.21/24 VLAN 10

PC2 172.17.20.22/24 VLAN 20

Time: 00:36:04 Realtime Sim

PC3 Physical Config Desktop Programming Attributes

Link Information Connect Profiles

More Information Infrastructure Mode

You have successfully connected to the access point

24GHz

Signal Strength Link Quality Adapter is Active

Wireless-N Notebook Adapter Wireless Network Monitor v1.0 Model No. WPC300N

Task 2: Bảng kết quả

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

```
R2#ping 192.168.11.0
```

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 192.168.11.0, timeout is 2 seconds:

!!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 2/7/25 ms

```
C:\>ping 10.1.2.10
```

Pinging 10.1.2.10 with 32 bytes of data:

Reply from 10.1.2.10: bytes=32 time=29ms TTL=126

Reply from 10.1.2.10: bytes=32 time=23ms TTL=126

Reply from 10.1.2.10: bytes=32 time=10ms TTL=126

Reply from 10.1.2.10: bytes=32 time=30ms TTL=126

Ping statistics for 10.1.2.10:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:

Minimum = 10ms, Maximum = 30ms, Average = 23ms

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

Current configuration : 1314 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
 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  
!
```

```
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 vty 0 4
  login
!
!
```

```

!
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 vty 0 4
  login
!
!
!
end

```

```

R1#show ip interface brief

```

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

    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, 00:12:44, 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

```

### Task 3: Bảng kết quả

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

#### 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.

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									
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 ...	



Congratulations Guest! You completed the activity.

Overall Feedback

Assessment Items

Connectivity Tests

Expand/Collapse All

Show Incorrect Items

Assessment Items	Status	Points	Component(s)
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
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
Ports			
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