

R2:

```
Terminal

User Access Verification

Username:
Username: user
Password:

R2>enable
Password:
R2#
R2#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#hostname R2
R2(config)#ip domain-name ee462.kau.use.sa
R2(config)#username user password 123456
R2(config)#line console 0
R2(config-line)#login local
R2(config-line)#g0/0
      ^
% Invalid input detected at '^' marker.

R2(config-line)#exit
R2(config)#g0/0
      ^
% Invalid input detected at '^' marker.

R2(config)#g0/0
      ^
% Invalid input detected at '^' marker.

R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#
R2#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#int g0/0
R2(config-if)#ip address 10.10.12.1 255.255.255.252
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#int g1/0
R2(config-if)#ip address 10.10.11.2 255.255.255.252
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#int g2/0
R2(config-if)#ip address 192.168.30.254 255.255.255.0
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#enable password 123456
The enable password you have chosen is the same as your enable secret.
```

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Terminal

```
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#int g1/0
R2(config-if)#ip address 10.10.11.2 255.255.255.252
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#int g2/0
R2(config-if)#ip address 192.168.30.254 255.255.255.0
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#enable password 123456
The enable password you have chosen is the same as your enable secret.
This is not recommended. Re-enter the enable password.
R2(config)#crypto key generate rsa general-keys modulus 1024
^
% Invalid input detected at '^' marker.

R2(config)#crypto key generate rsa general-keys modulus 1024
^
% Invalid input detected at '^' marker.

R2(config)#crypto key generate rsa general-keys modulus 1024
% You already have RSA keys defined named R2.netlab.kau
% They will be replaced.

% The key modulus size is 1024 bits
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]
*Mar 2 0:54:56.278: %SSH-5-ENABLED: SSH 1.99 has been enabled
R2(config)#line vty 0
R2(config-line)#transport input ssh
R2(config-line)#login local
R2(config-line)#motd-banner
R2(config-line)#end
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#
R2#
R2#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#ip route 192.168.10.0 255.255.255.0 10.10.12.2
R2(config)#ip route 192.168.10.0 255.255.255.0 10.10.12.2 1
R2(config)#ip route 192.168.20.0 255.255.255.0 10.10.11.1 1
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#write memory
Building configuration...
[OK]
R2#
R2#
```

Congratulations ! You completed the activity.

Overall Feedback [Assessment Items](#) Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
ConnectivityTests				
0	Correct	1	Other	
1	Correct	1	Other	
2	Correct	1	Other	
PC0				
Default Gateway	Correct	1	Ip	
Ports				
FastEthernet0				
IP Address	Correct	1	Ip	
Subnet Mask	Correct	1	Ip	
PC1				
Default Gateway	Correct	1	Ip	
Ports				
FastEthernet0				
IP Address	Correct	1	Ip	
Subnet Mask	Correct	1	Ip	
PC2				
Default Gateway	Correct	1	Ip	
Ports				
FastEthernet0				
IP Address	Correct	1	Ip	
Subnet Mask	Correct	1	Ip	
Router0				
IOS Configuration				
Running Configuration				
LINES				
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Item	Correct	1	Other	
Router1				
IOS Configuration				
Running Configuration				
LINES				
Item	Correct	1	Other	
Item	Correct	1	Other	

Score	: 51/51	
Item Count	: 51/51	
Component	Items/Total	Score
Ip	15/15	15/15
Other	30/30	30/30
Physical	3/3	3/3
Connectivity		
Connectivity Tests	3/3	3/3

