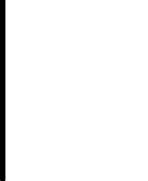
# TC\_Router



Karina’s Sample Mid-Sem Skills Assessment V1.4

Gi0/0/1

|  |  |  |
| --- | --- | --- |
| **VLAN** | **Name** | **Network** |
| 99 | Mgmt | 192.168.99.128/27 |
| 10 | ATC328 | 172.16.20.0/23 |
| 20 | ATC329 | 172.16.16.0/22 |

Gi0/0/1



Gi1/0/11

Fa0/5

# ATC328\_Sw

Gi1/0/5 Gi1/0/5

Gi1/0/7

Fa0/1

Fa0/10



# PC\_A



Fa0/1

Note: when running this sample assessment on ATC equipment, use **Switch 3** for ATC328\_Sw, **Switch 4** for ATC329\_Sw, **Router 1**

ATC329\_Sw

Gi1/0/24

PC\_B

for ATC\_Router. If on-campus, use Ethernet PC for PC\_A and the VAN PC for PC\_B.

1. Hostnames on all switches and routers
2. MOTD on all devices (include your student ID)
3. Configure SSH access on both switches (inc user/pwd)
4. Description on all router interfaces
5. Place PC\_A on VLAN 10 and PC\_B on VLAN 20
6. Configure ATC\_Router as router-on-a-stick
7. Configure Loopback 0 on the ATC router: 203.122.111.3/28
8. Configure the PCs with the last usable IP in their network
9. Configure ATC329\_Sw with the 3rd usable IP in its network (From Router)
10. Configure ATC328\_Sw with the 4th usable IP in its network ((From Router)
11. Configure all router sub-interfaces with the 1st usable IP (From Router)
12. Configure ports on VLAN 10 with port-security (ATC328)
    1. Sticky mode
    2. Max. 2 MAC addresses

Note: when using Cisco3650 switches older Packet Tracer or in ATC330 via SmartRack, you are required to use an additional switchport command for a successful trunking configuration:

Switch(config-if)# switchport trunk encapsulation dot1q Switch(config-if)# switchport mode trunk

1.Hostnames on all switches and routers

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AI-generated content may be incorrect.A close-up of a message

AI-generated content may be incorrect.A close-up of a computer code

AI-generated content may be incorrect.

2. MOTD on all devices (include your student ID)

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A screenshot of a computer program

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3. Configure SSH access on both switches (inc user/pwd)

A screenshot of a computer program

AI-generated content may be incorrect.A screenshot of a computer code

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4. Description on all router interfaces

5. Place PC\_A on VLAN 10 and PC\_B on VLAN 20

A screenshot of a computer

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A screenshot of a computer

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6. Configure ATC\_Router as router-on-a-stick

7. Configure Loopback 0 on the ATC router: 203.122.111.3/28

A screenshot of a computer program

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9. Configure ATC329\_Sw with the 3rd usable IP in its network

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10. Configure ATC328\_Sw with the 4th usable IP in its network (From Router)

A screenshot of a computer program

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11. Configure all router sub-interfaces with the 1st usable IP (From Router)

A screenshot of a computer program

AI-generated content may be incorrect.12. Configure ports on VLAN 10 with port-security (ATC328)

* 1. Sticky mode
  2. Max. 2 MAC addresses

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