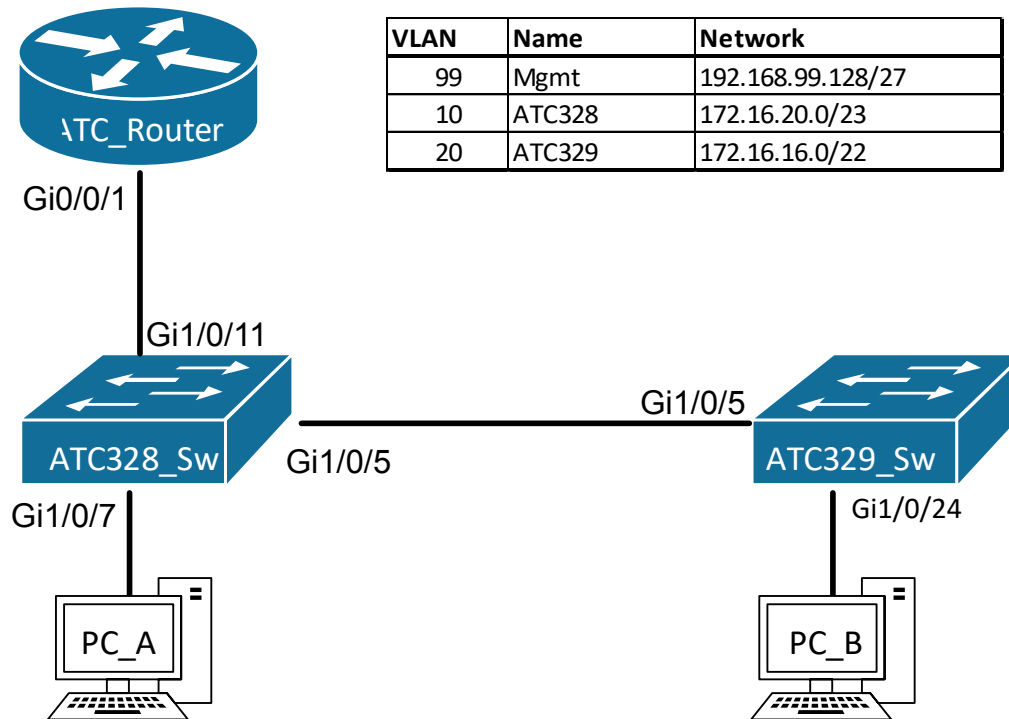


## Karina's Sample Mid-Sem Skills Assessment V1.4



Note: when running this sample assessment on ATC equipment, use **Switch 3** for ATC328\_Sw, **Switch 4** for ATC329\_Sw, **Router 1** 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 3<sup>rd</sup> usable IP in its network
10. Configure ATC328\_Sw with the 4th usable IP in its network
11. Configure all router sub-interfaces with the 1st usable IP
12. Configure ports on VLAN 10 with port-security:
  - a. Sticky mode
  - b. 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
```