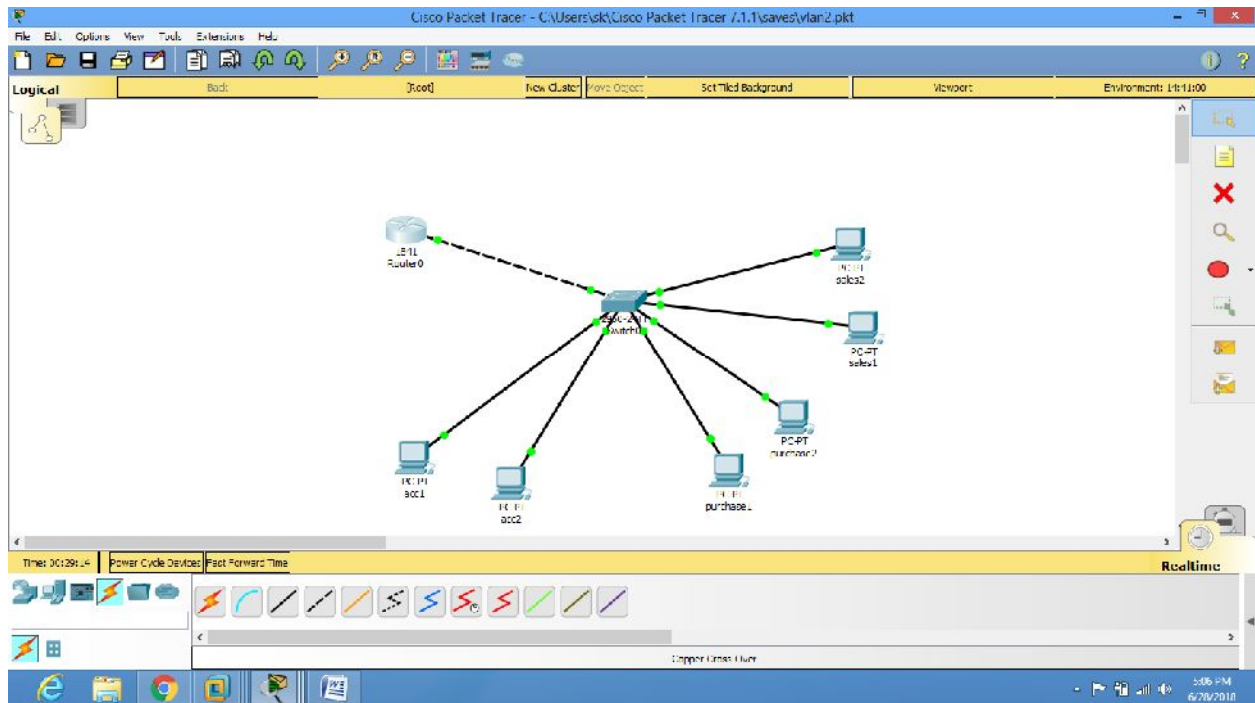


VLAN CONFIGURATION



router config

```
interface FastEthernet0/0.1
encapsulation dot1Q 2
ip address 192.168.1.1 255.255.255.0
!
interface FastEthernet0/0.2
encapsulation dot1Q 3
ip address 192.168.2.1 255.255.255.0
!
interface FastEthernet0/0.3
encapsulation dot1Q 4
ip address 192.168.3.1 255.255.255.0
```

SWITCH CONFIG

```
interface FastEthernet0/1
switchport mode trunk
!
interface FastEthernet0/2
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/3
```

```
switchport access vlan 2
switchport mode access
!
interface FastEthernet0/4
switchport access vlan 3
switchport mode access
!
interface FastEthernet0/5
switchport access vlan 3
switchport mode access
!
interface FastEthernet0/6
switchport access vlan 4
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 4
switchport mode access
```

accounts

Pinging 192.168.3.2 with 32 bytes of data:

```
Request timed out.
Request timed out.
Reply from 192.168.3.2: bytes=32 time<1ms TTL=127
Reply from 192.168.3.2: bytes=32 time<1ms TTL=127
```

purchase computer

Pinging 192.168.3.2 with 32 bytes of data:

```
Request timed out.
Request timed out.
Reply from 192.168.3.2: bytes=32 time<1ms TTL=127
Reply from 192.168.3.2: bytes=32 time<1ms TTL=127
```

sales computer

```
C:\>ping 192.168.1.2
```

Pinging 192.168.1.2 with 32 bytes of data:

```
Request timed out.
Reply from 192.168.1.2: bytes=32 time<1ms TTL=127
```

Reply from 192.168.1.2: bytes=32 time<1ms TTL=127