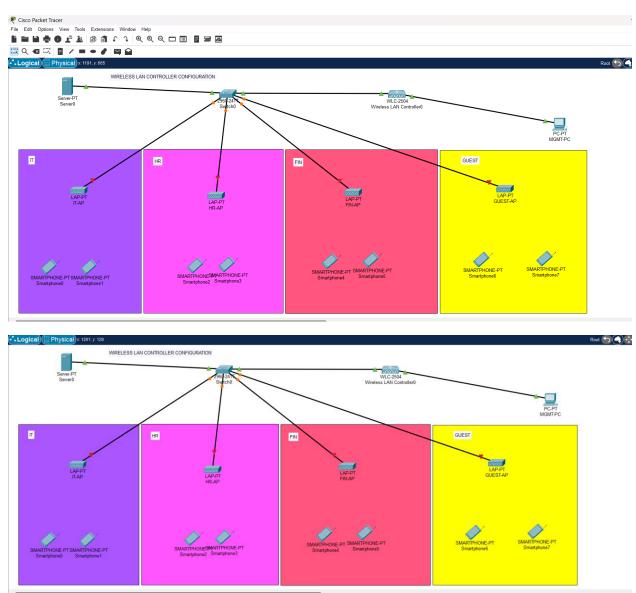
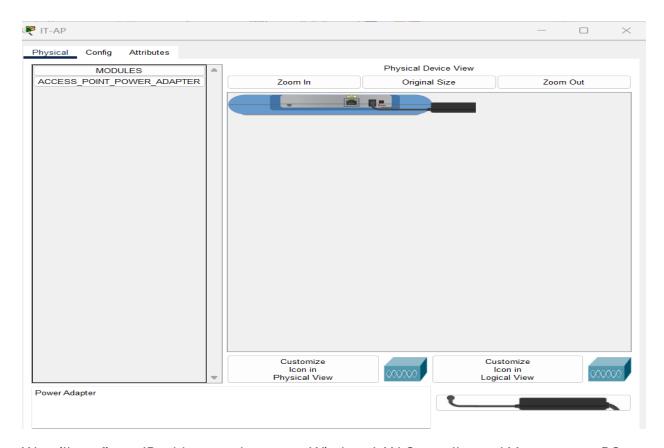
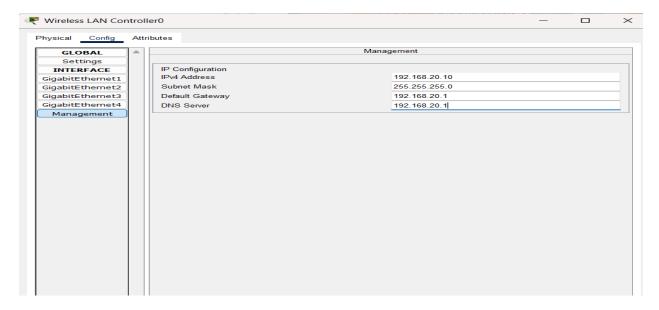
## Wireless LAN Controller (WLC) Using Cisco Packet Tracer



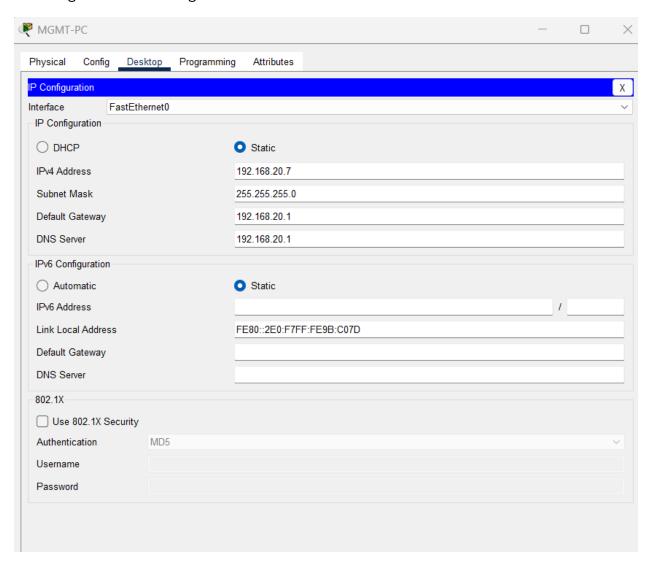
**Power on the Access Point** 



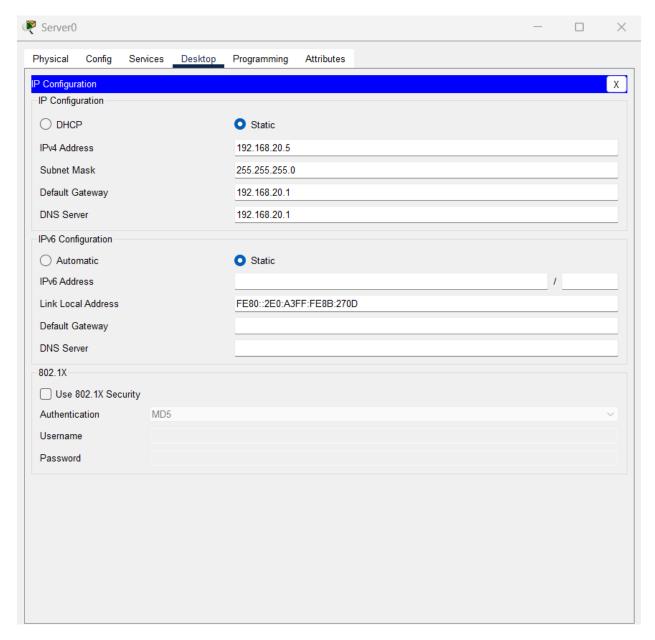
We will configure IP address to the server, Wireless LAN Controller and Management PC Configuration of IP Address on Wireless LAN Controller



## IP Configuration for Management PC

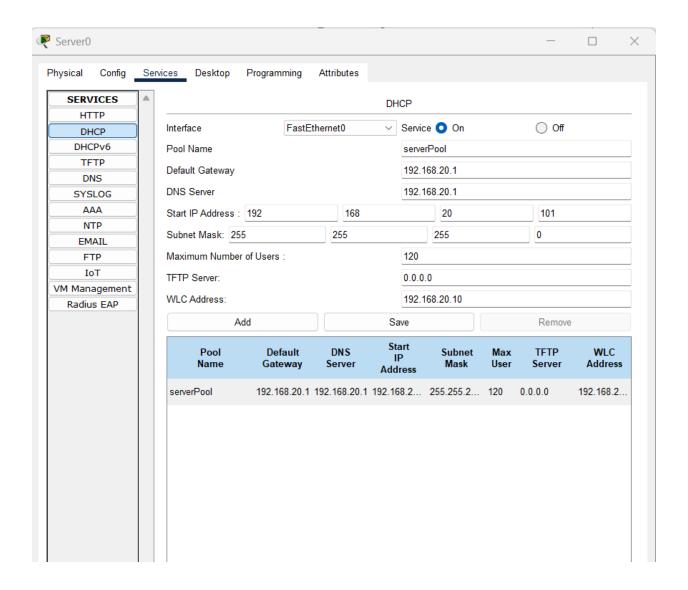


IP Configuration for Server



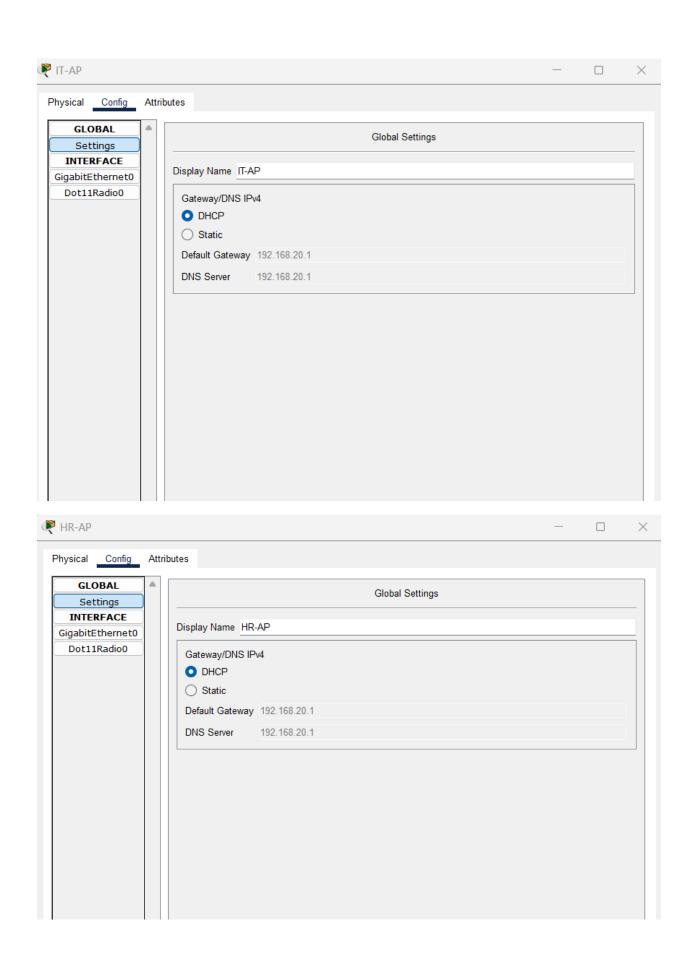
Lets create a pool. The purpose of this server is to create a pool, a pool that will be able to provide ip addressing to the Wireless Devices

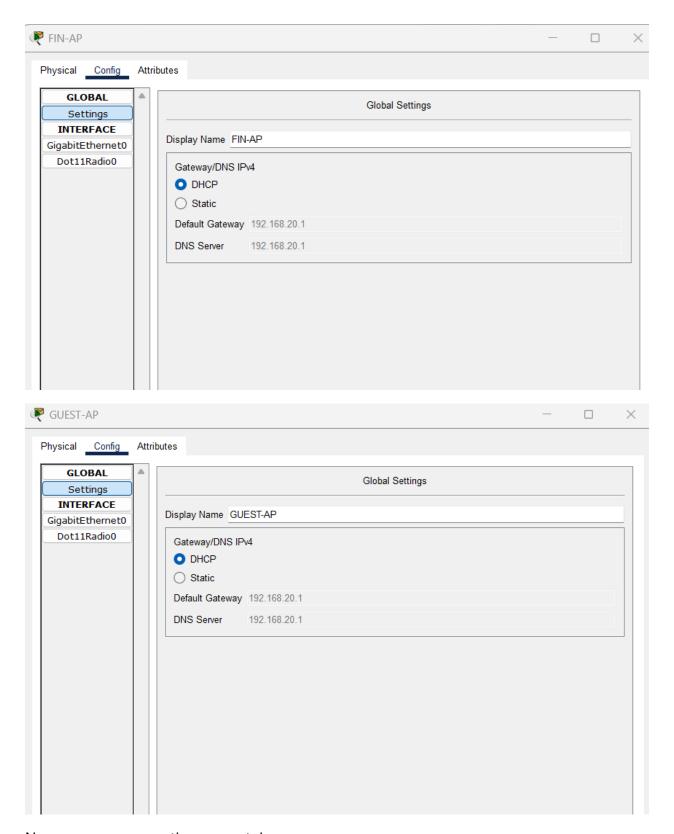
Services for the wirless LAN controller



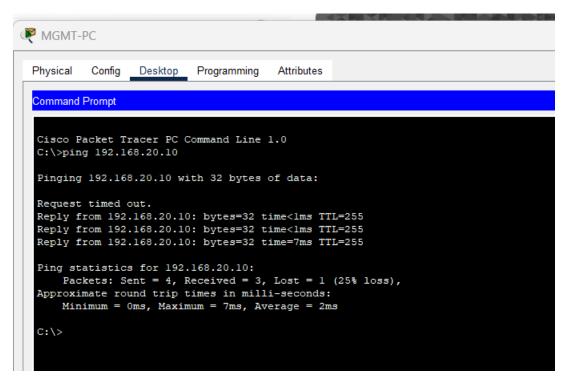
The IP address will be the ip address of the Wireless LAN Controller

The 3 rd step is to turn on the DHCP option of the connecting interface of the access point.

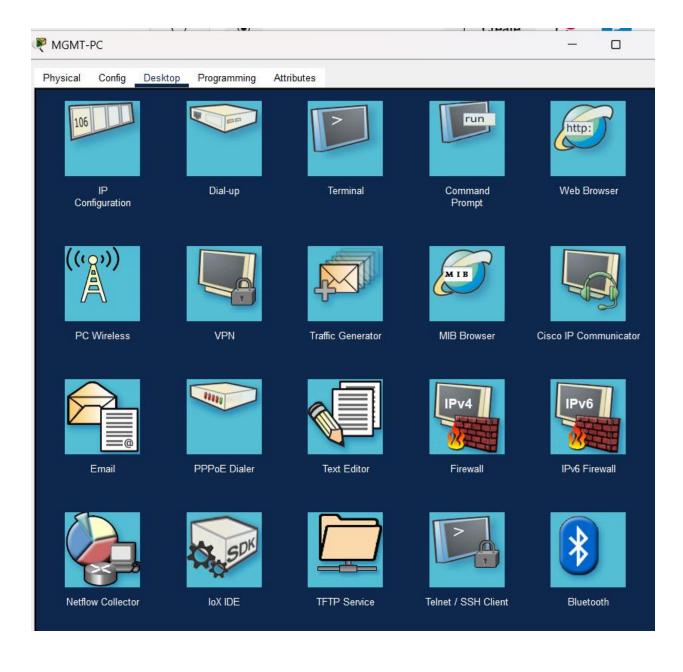


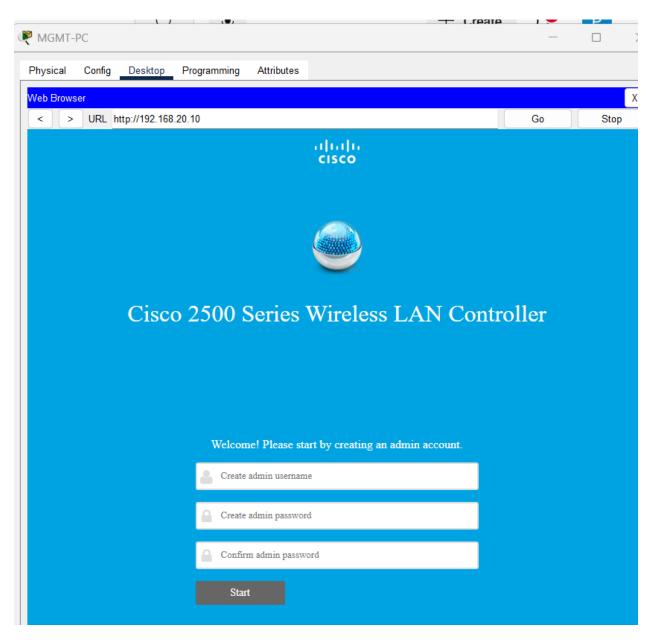


Now we can manage them remotely



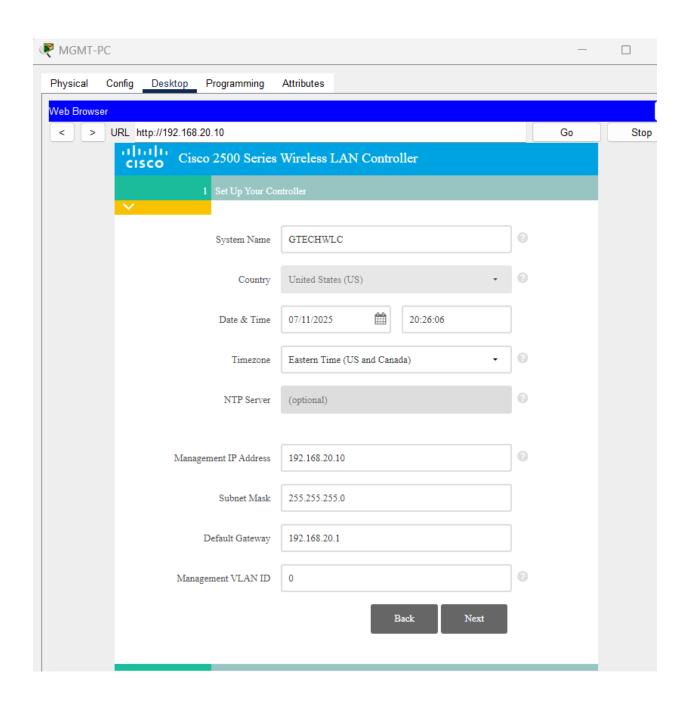
Go to Management PC

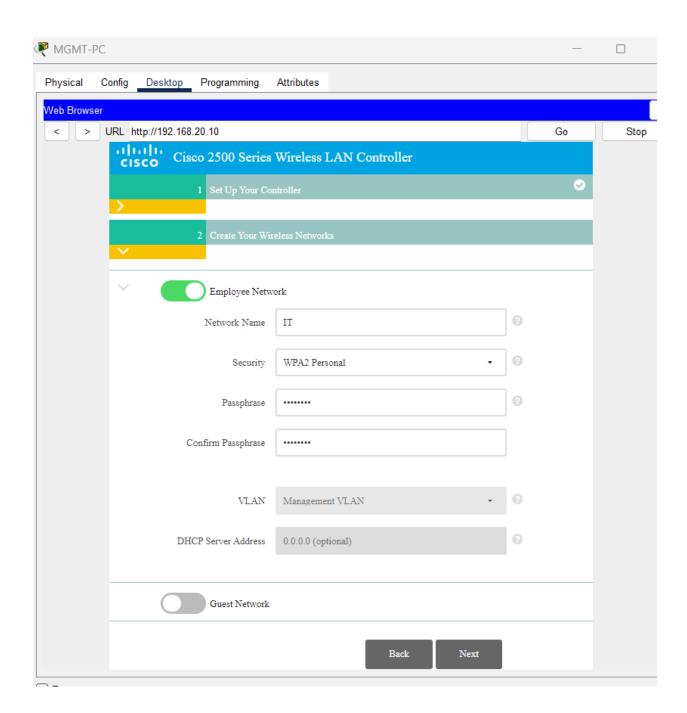


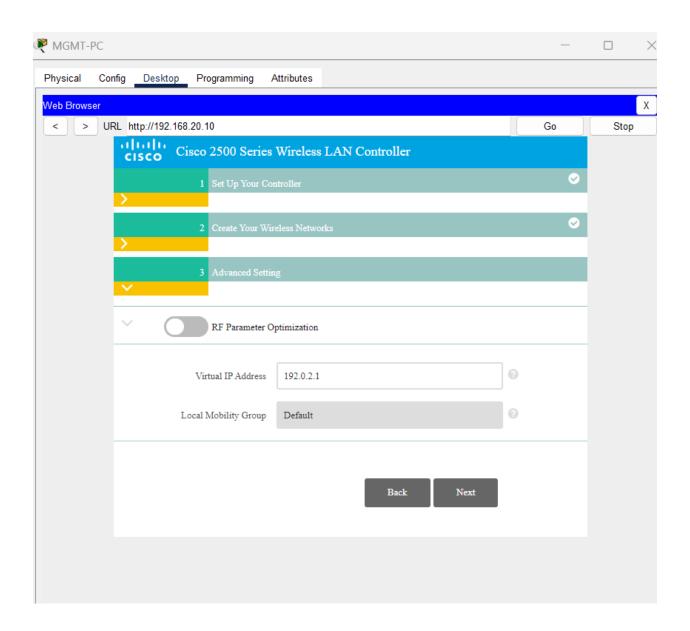


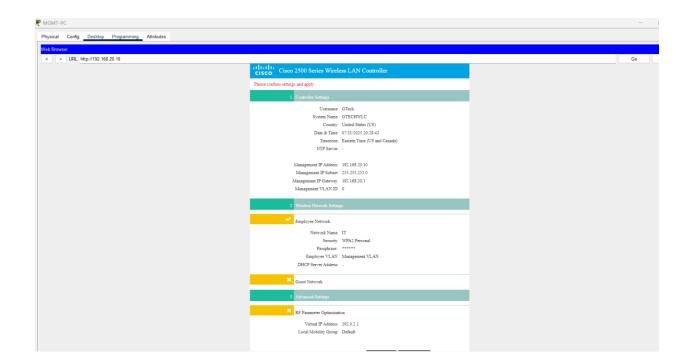
Username: GTech

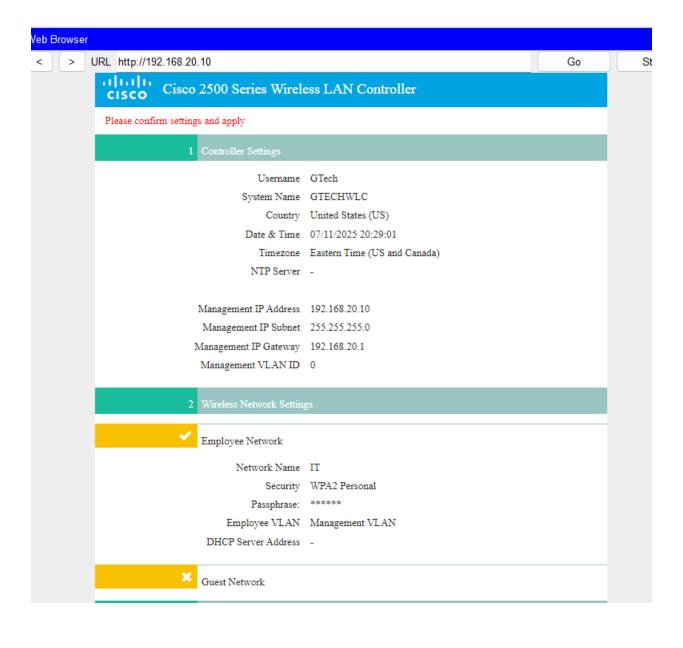
Password: GTech123

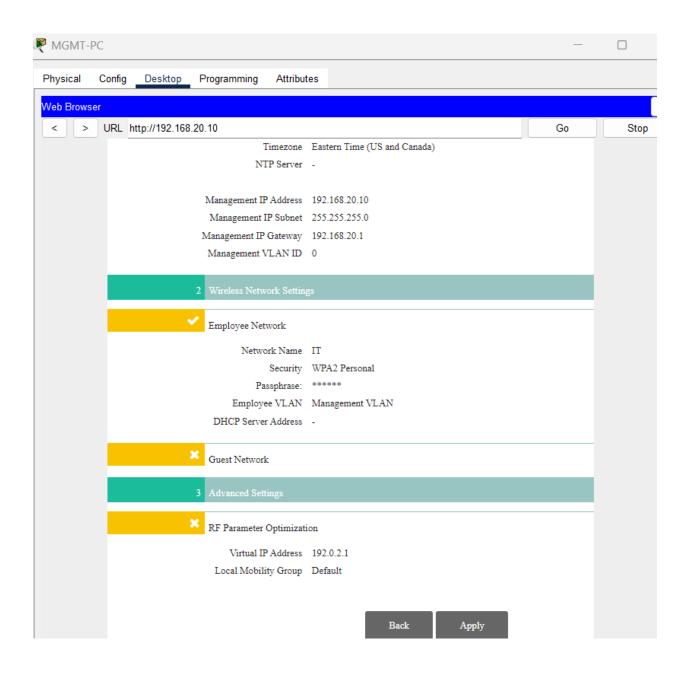


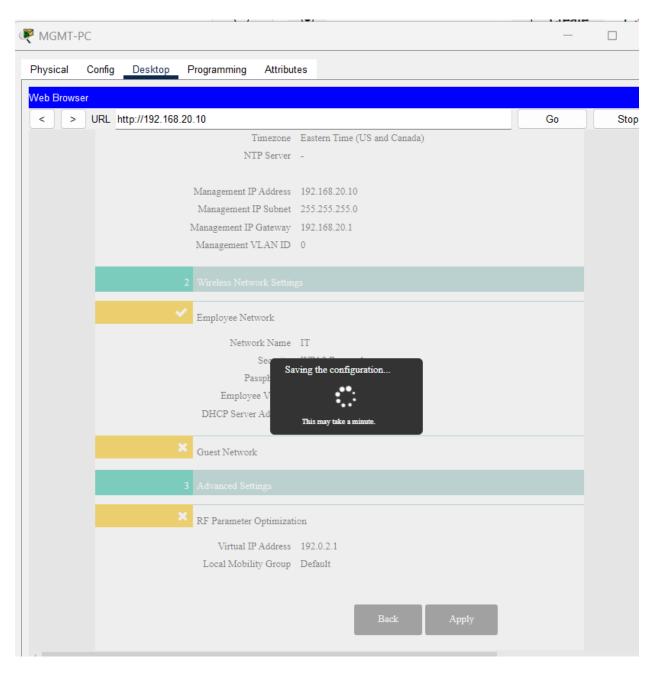












Close the Web Browser and come to command prompt and ping again

By going back again to browser we again get this error

```
C:\>ping 192.16820.10

Ping request could not find host 192.16820.10. Please check the name and try again.
C:\>ping 192.168.20.10

Pinging 192.168.20.10 with 32 bytes of data:

Request timed out.

Reply from 192.168.20.10: bytes=32 time<lms TTL=255

Reply from 192.168.20.10: bytes=32 time<lms TTL=255

Reply from 192.168.20.10: bytes=32 time<lms TTL=255

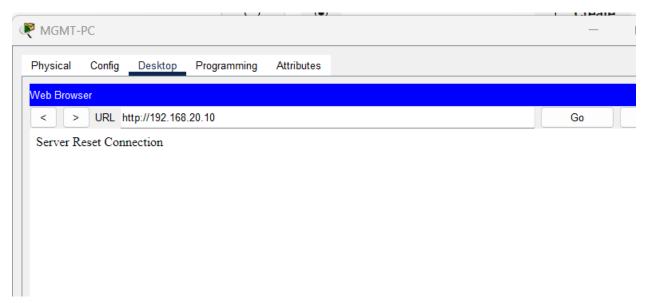
Ping statistics for 192.168.20.10:

Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

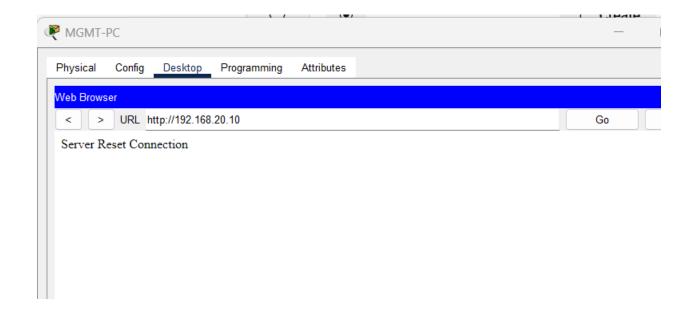
Approximate round trip times in milli-seconds:

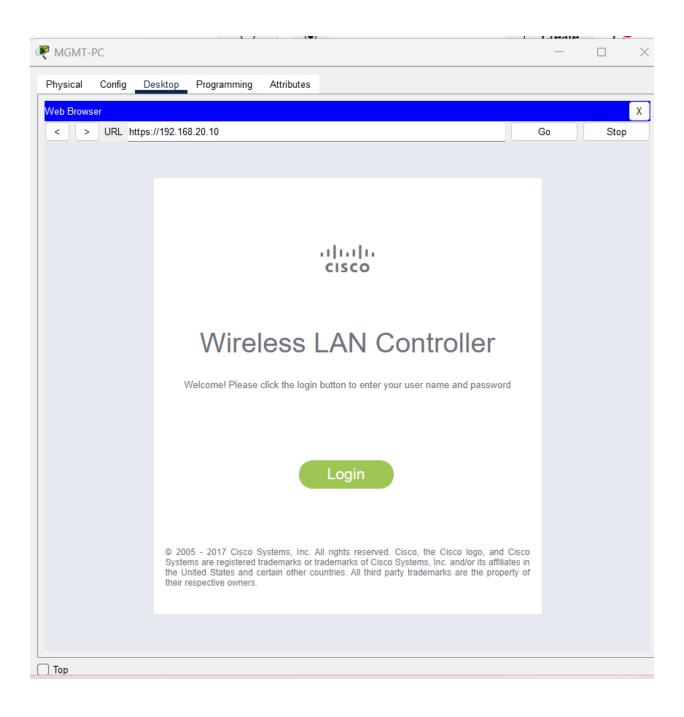
Minimum = 0ms, Maximum = 0ms, Average = 0ms

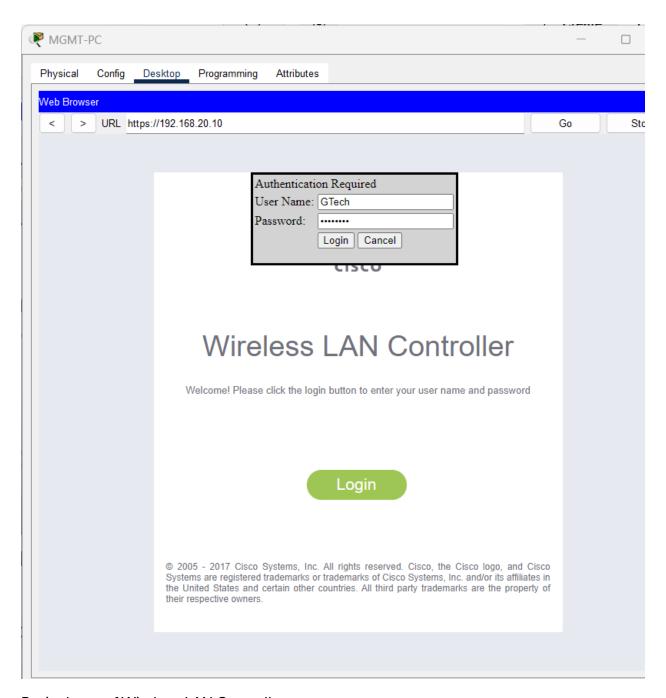
C:\>
```



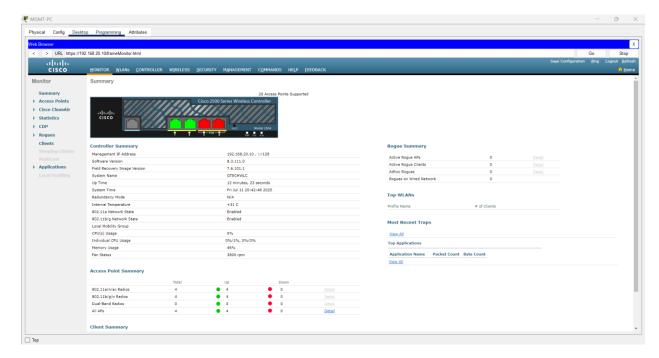
Change it to https





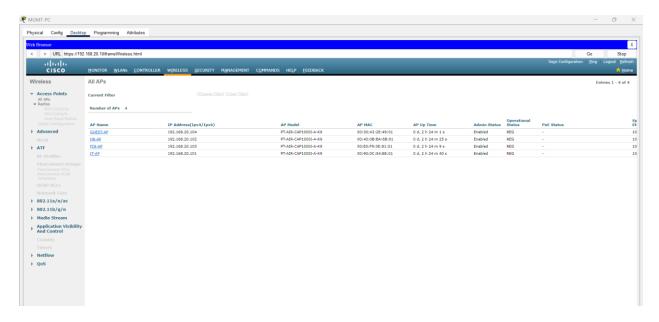


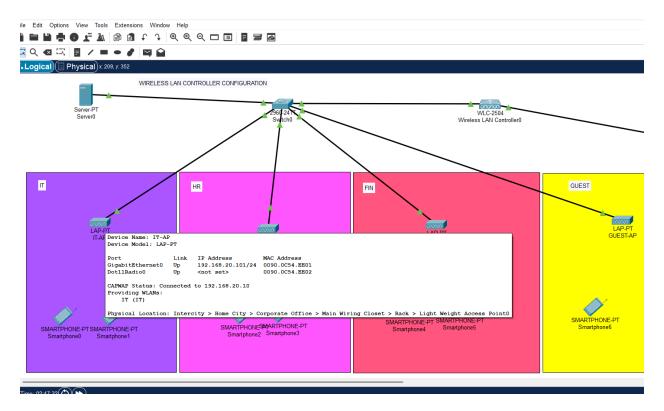
Pysical port of Wireless LAN Controller



## Lets check the status of Wireless LAN Access Point

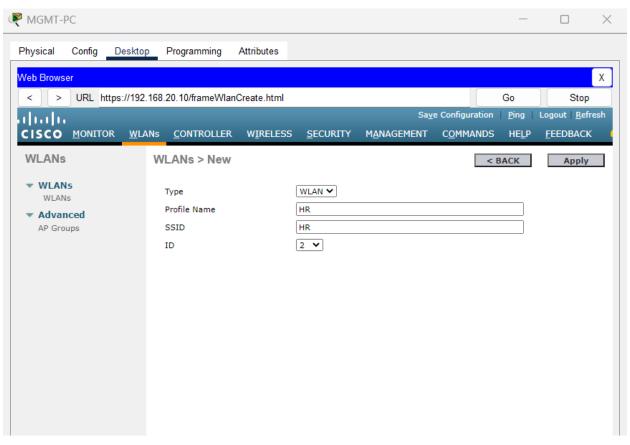
We are able to see the number of Acces Points in the network

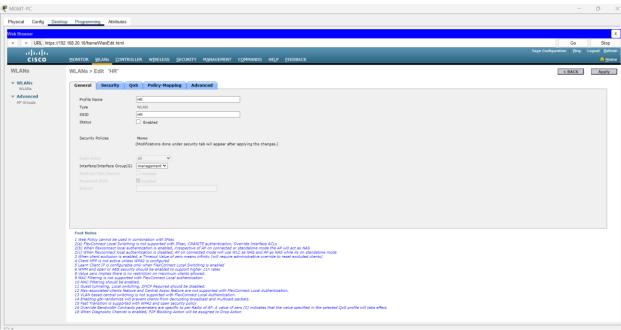


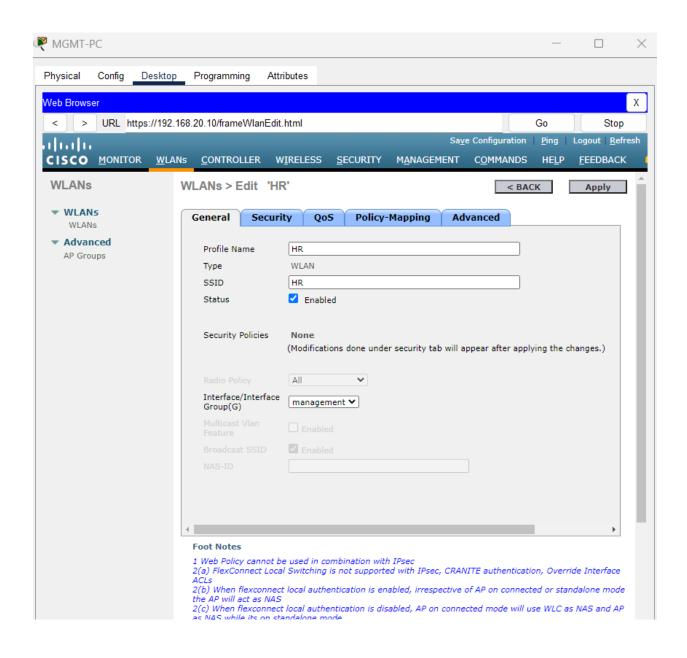


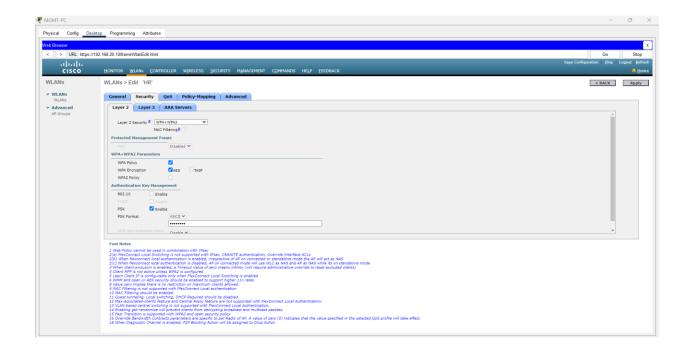
We are able to see the CAPWAP status. The CAPWAP status maintains the relationship between the access point and the wireless lan controller.

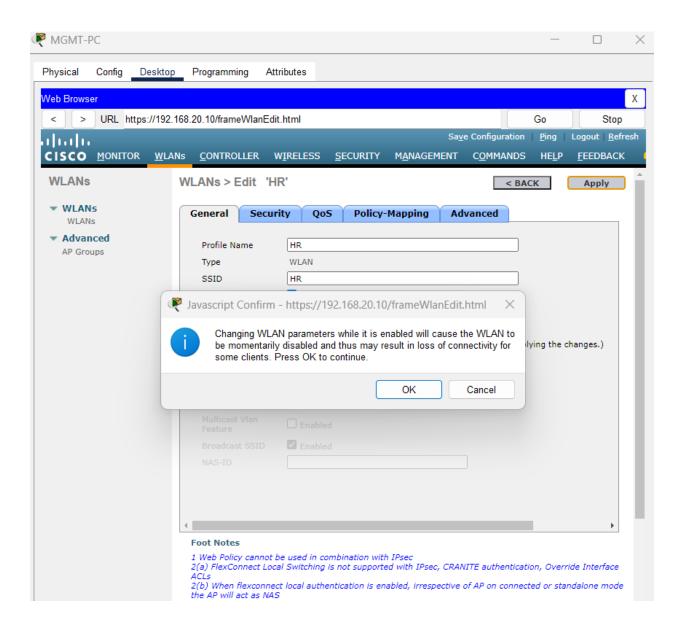
Now we need to come to WLAN and create Wi-Fi names

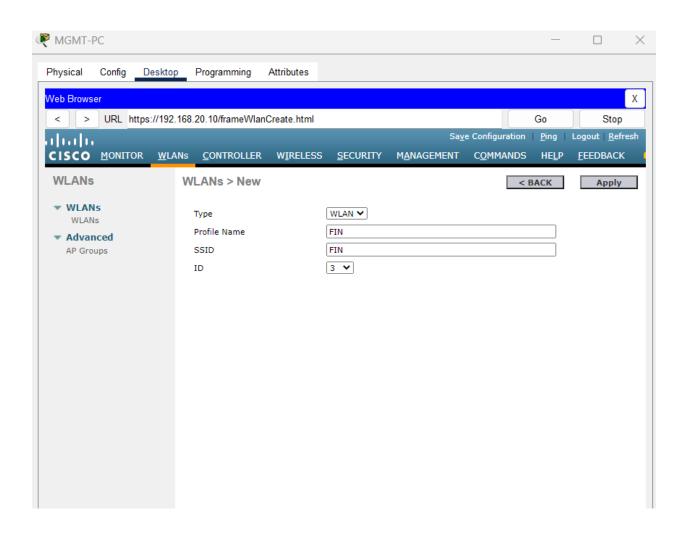


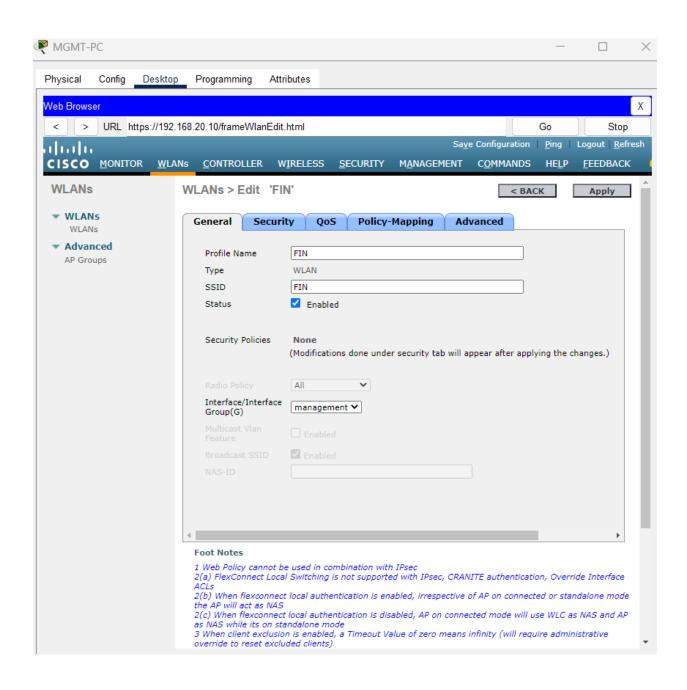


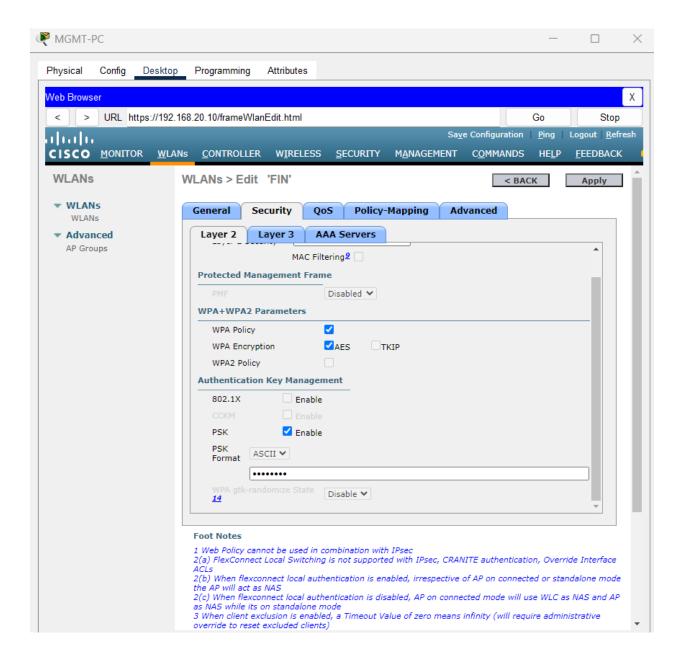


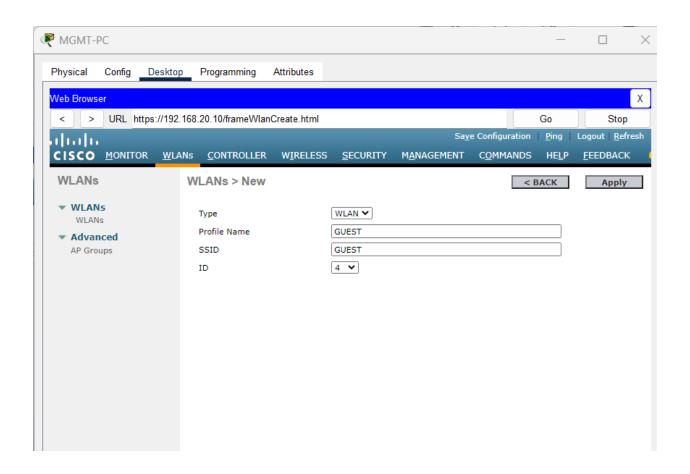


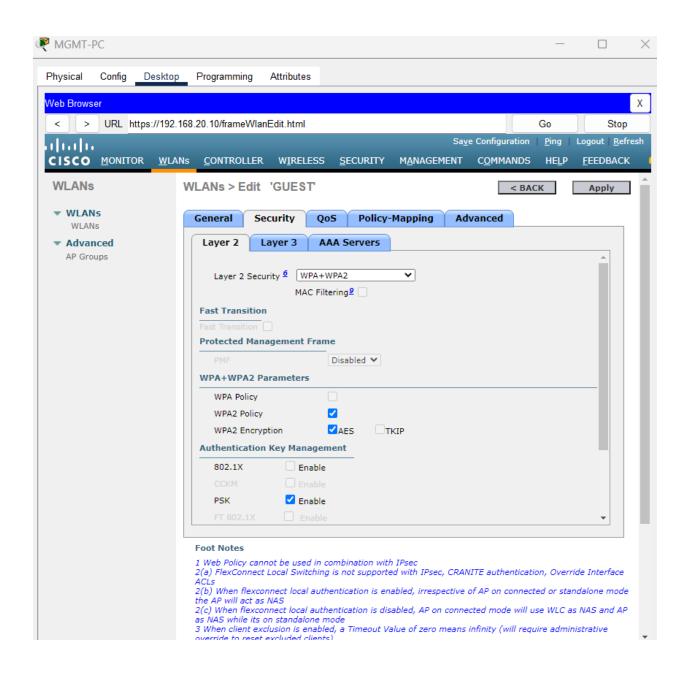


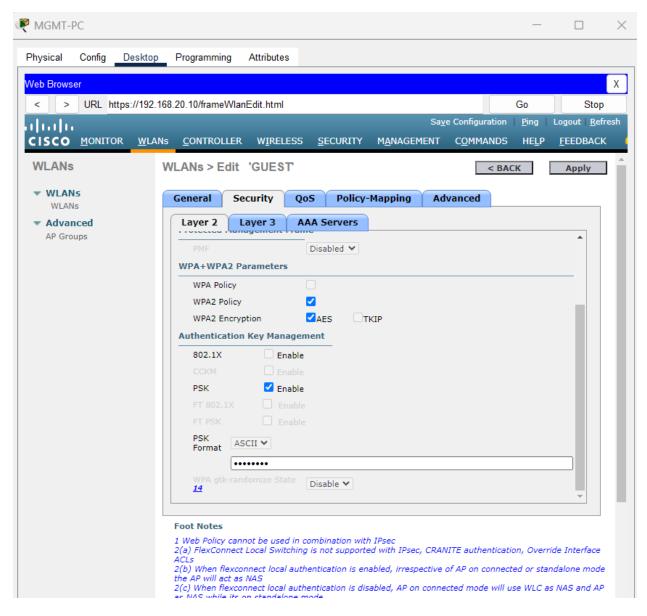




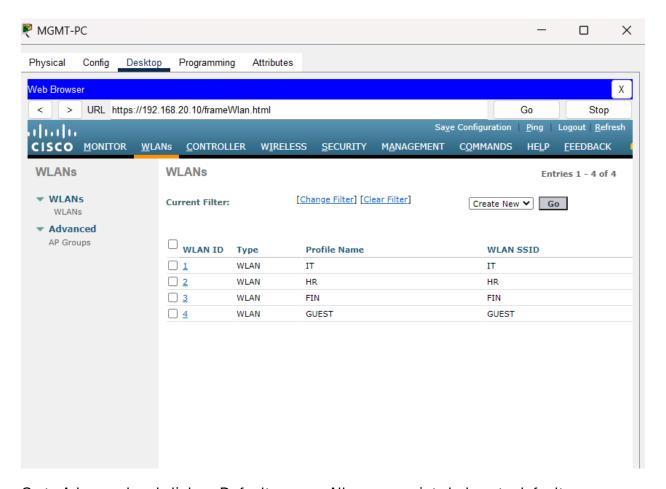






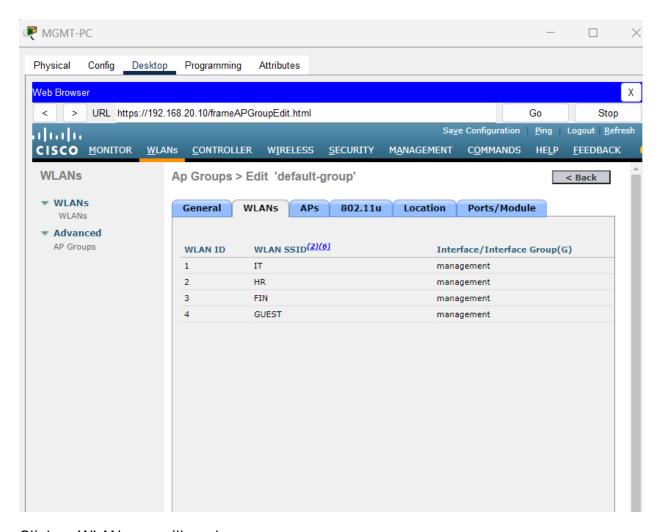


Number of created Wi-Fi network

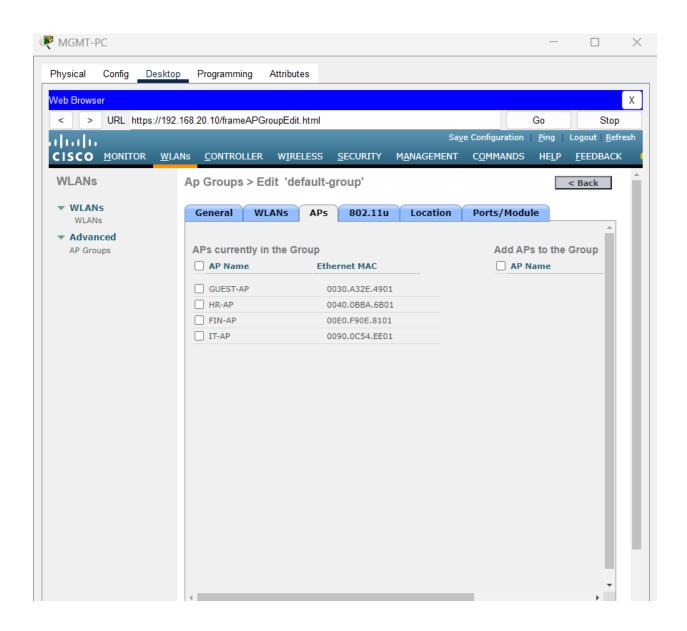


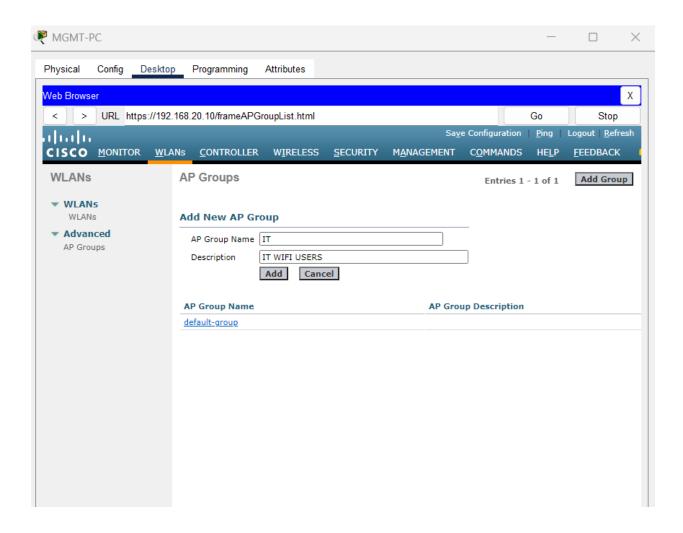
Go to Advanced and click on Default groups. All access points belong to default groups

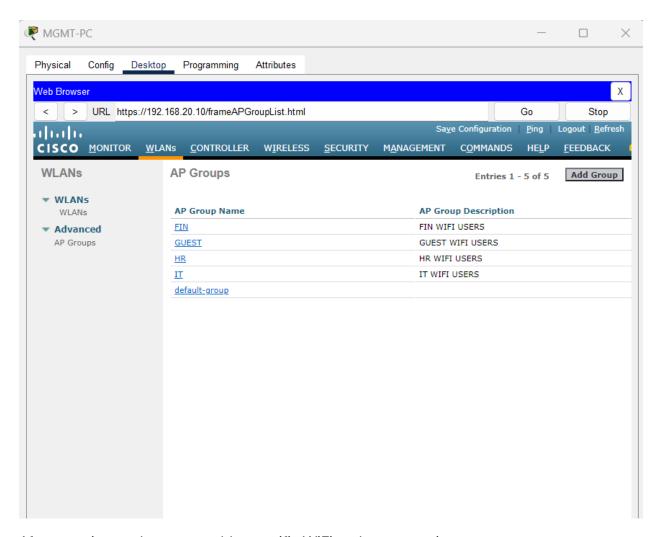
Click on Access Points you will see



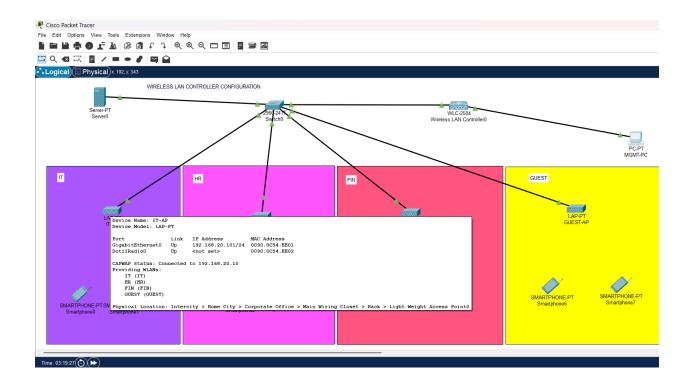
Click on WLANs you will see her







After creating each group enable specific WiFi and access point



## Now on Management PC



After clicking Add we get this

