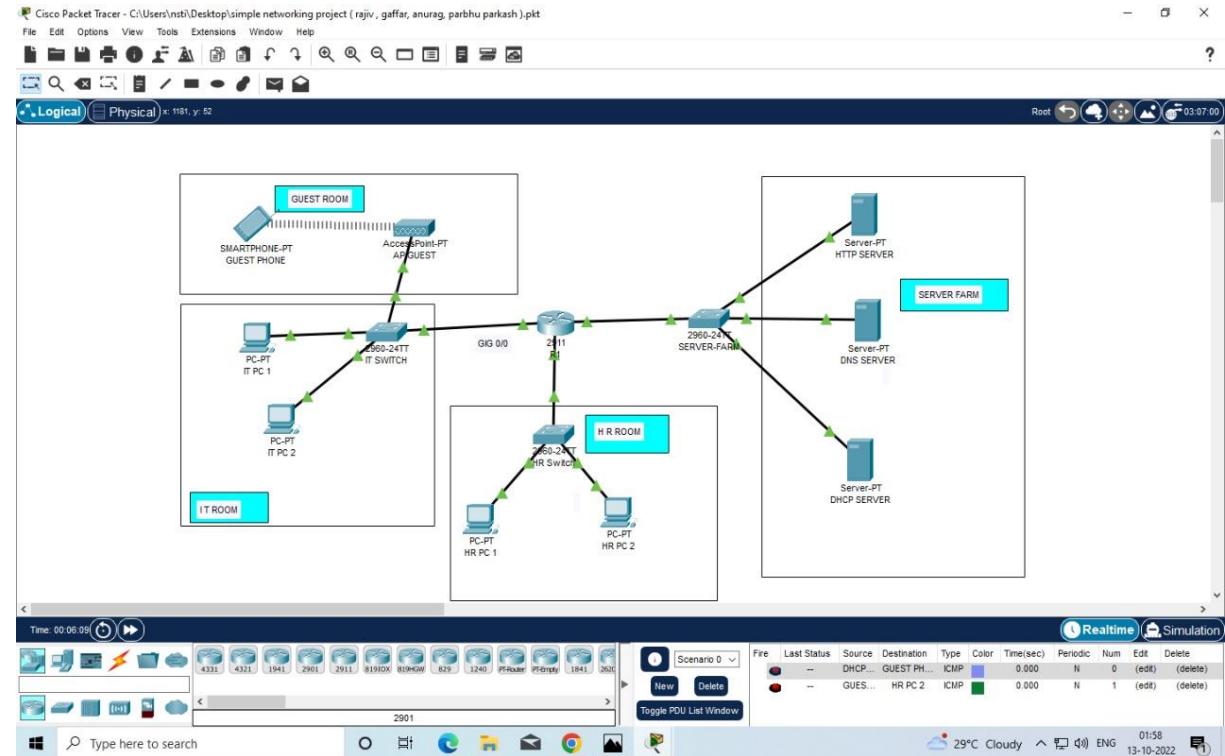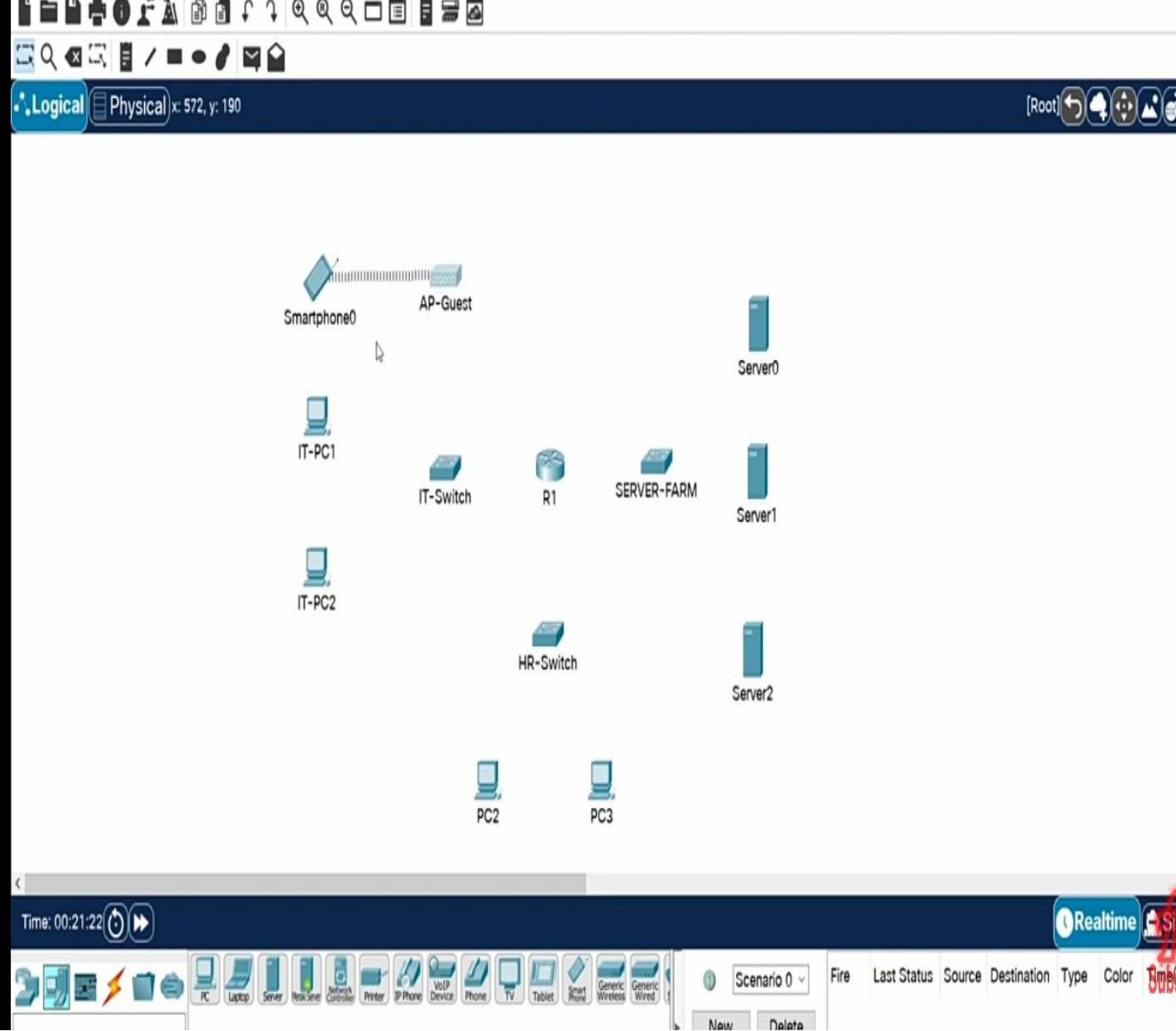# *SIMPLE PROJECT ON CISCO PACKET*

## WE HAVE  HALL

1. GUEST HALL
2. IT   HALL
3. HR  HALL
4. SERVER FARM

**FIRST WE TAKE A ROUTER**

*AFTER WE TAKE THREE SWITCH AND WE TAKE 4 PC AND 3 SERVER AND ONE SMART PHONE AND ONE WIRELESS DEVICE*
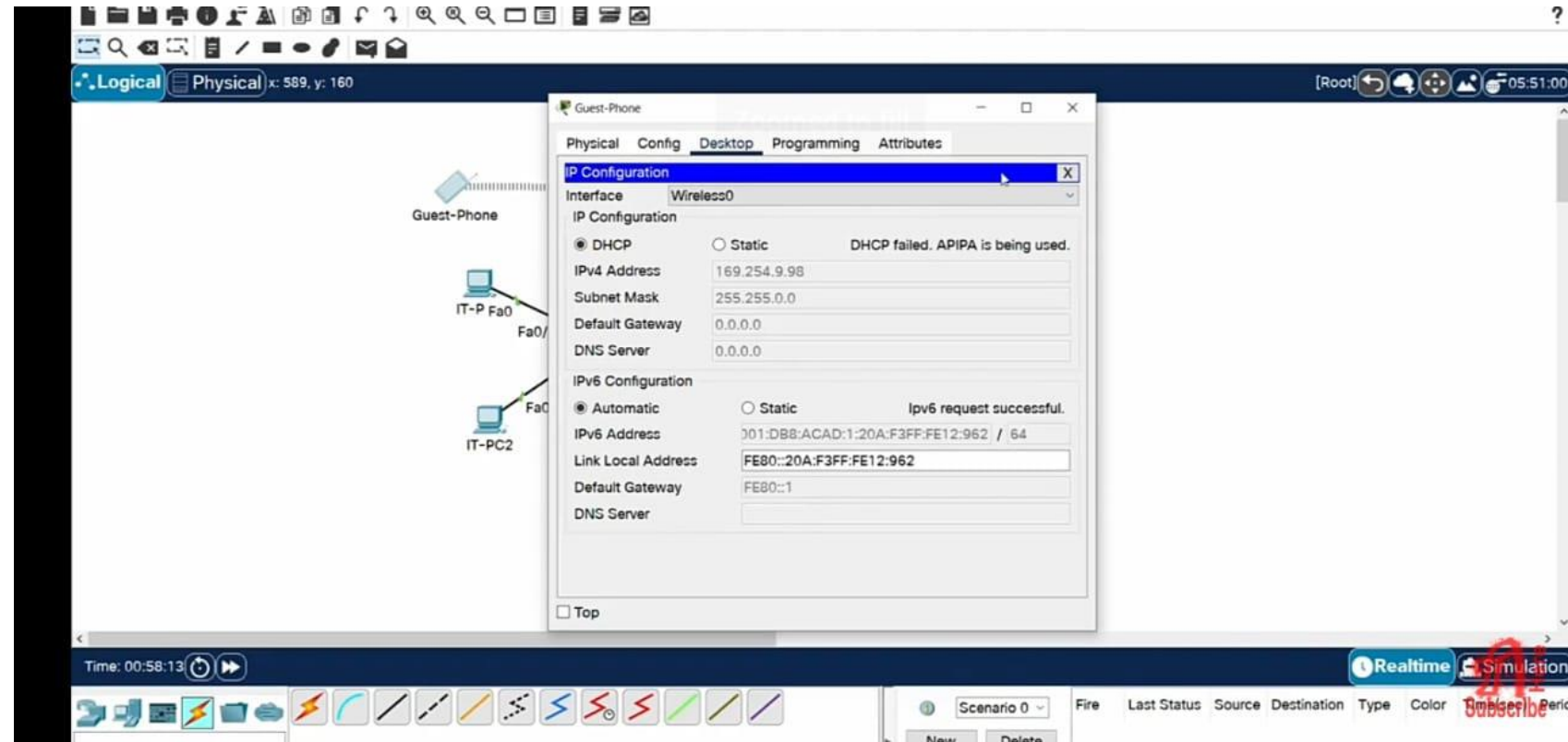
# 1. GUEST HALL

WE TAKE ONE SMART PHONE AND WIRELESS DEVICE

FIST WE GO TO THE GUEST PHONE AND GO TO DESKTOP AND CLICK IP CONFIGURATION
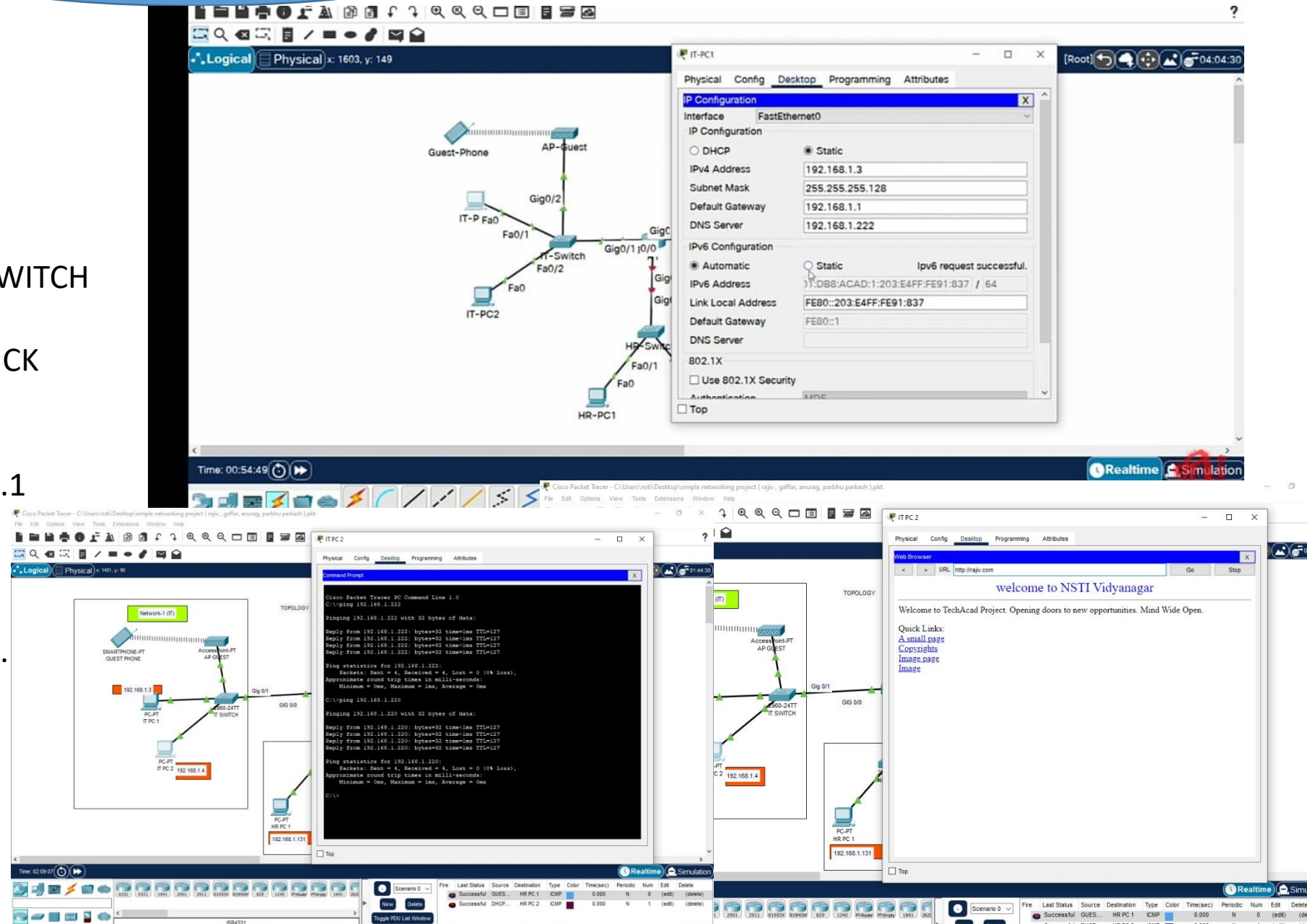IPV4 ADDRESS – 192.168.1.100
AND DEFAULT GATEWAY-192.168.1.1
DNS SERVER-192.168.1.222

# 2. IT HALL



WE TAKE TWO PC AND ONE SWITCH
FIRST WE GO IT PC1
AND GO TO DESKTOP AND CLICK
IP CONFIGURATION
IP ADDRESS -192.168.1.3
DEFAULT GATEWAY-192.168.1.1
DNS SERVER-192.168.1.222
AND GO TO IT PC2
IP ADDRESS-192.168.1.4
DEFAULT GATEWAY-192.168.1.
DNS SERVER-192.168.1.222
PING IP IS DONE
AND GO TO WEB BROWSER
ALL IS DINE

# 3. HR HALL

WE GO TO HR ROOM
AND TAKE ONE SWITCH AND
TWO PC
WE GO TO HR PC1 GO TO DESKTOP
AND CLICK IP
IP ADDRESS-192.168.131
DEFAULT GATEWAY-192.168.129
DNS SERVER-192.168.1.222

AND GO TO HR PC2
CLICK IP CONFIG
IP ADDRESS-192.168.1.132
DEFAULT GATEWAY-192.168.1.129
DNS SERVER-192.168.1.222
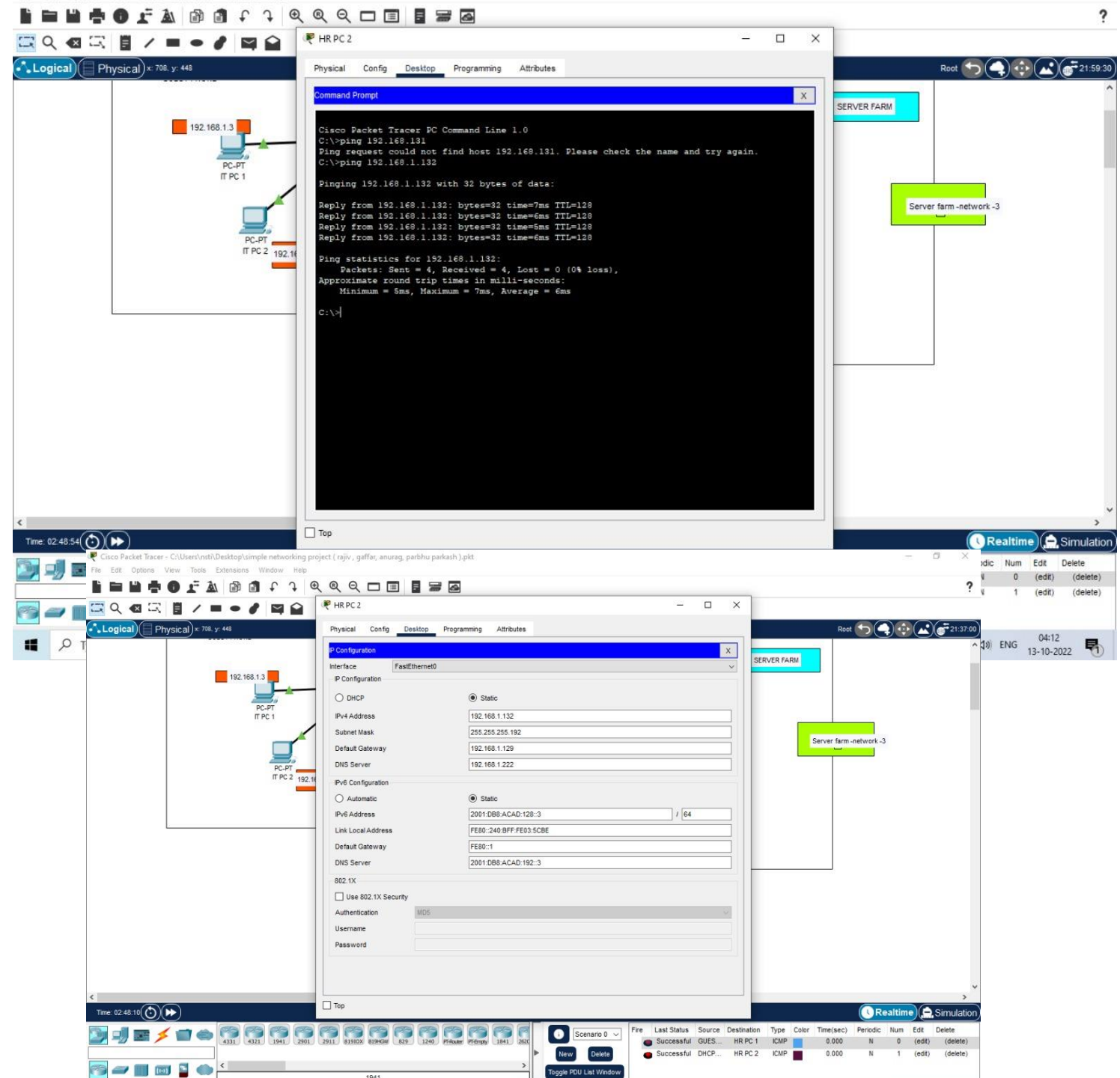
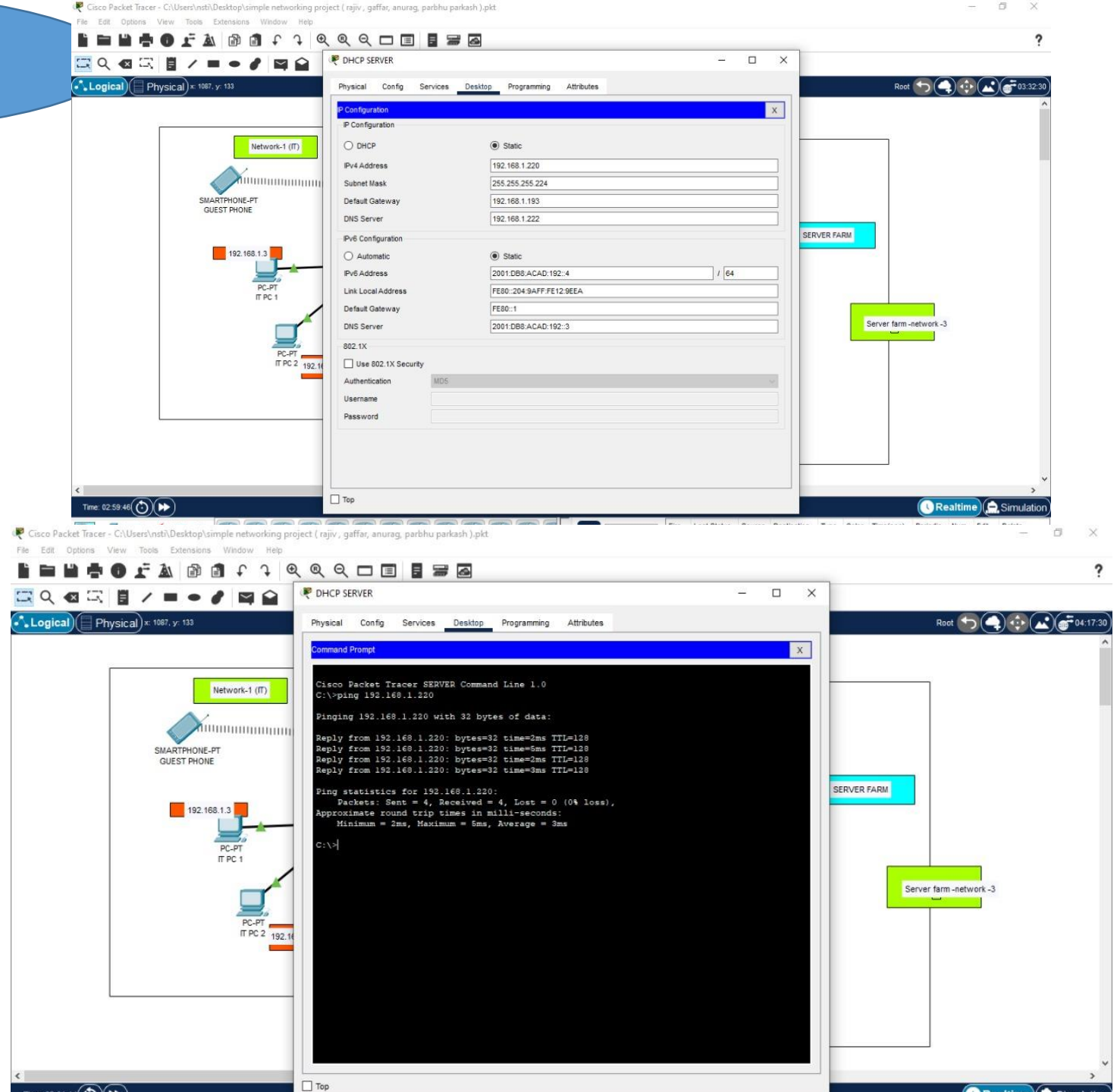# 4. SERVER FARM

WE GO TO SERVER FARM
WE TAKE THREE SERVER
FIRST GO DHCP SERVER
CLICK IP CONFIG
IP ADDRESS-192.168.1.220
DEFAULT GATEWAY-192.168.1.193
DNS SERVER-192.168.1.222

GO TO DNS SERVER
CLICK IP CONFIG
IP ADDRESS -192.168.1.222
DEFUALT GATEWAY-192.168.1.193
DNS SERVER-192.168.1.222

AND GO TO THIRD SERVER FARM
CLICK IP CONFIG
IP-192.168.1.221
DEFULT GATEWAY-192.168.1.193
DNS SERVER-192.168.1.222

# CONFIGURATION

## WE HAVE ONE ROUTER AND THREE SWITCH

- **ROUTER TO IT SWITCH**

- ✓ ENABLE
- ✓ CONFT
- ✓ HOSTNAME IT-SWITCH
- ✓ ENABLE SECRET CLASS
- ✓ SERVICE PASSWORD ENCRYPTION
- ✓ BANNER MOTD "AUTHORIZED A CCESS ONLY
- ✓ LINE CONSOLE 0
- ✓ PASSWORD CISCO
- ✓ LOGIN
- ✓ LINE VTY 0 15
- ✓ PASSWORD CISCO
- ✓ LOGIN
- ✓ LOGG
- ✓ LOGGIN SYNS
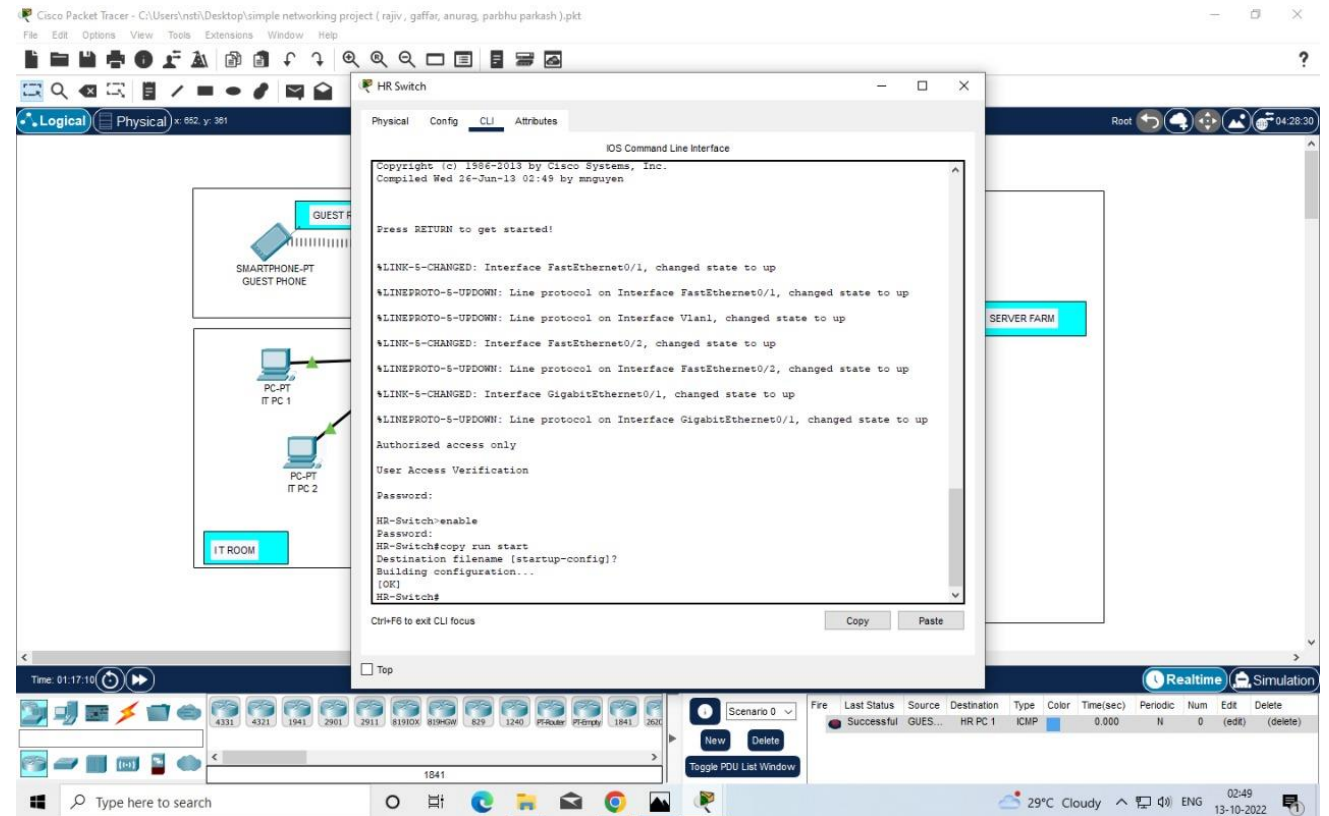
# CONFIGURATION

➢ **Router to HR-Switch**

- ✓ ENABLE
- ✓ CONFT
- ✓ HOSTNAME HR-SWITCH
- ✓ ENABLE SECRET CLASS
- ✓ SERVICE PASSWORD ENCRYPTION
- ✓ BANNER MOTD "AUTHORIZED A CCESS ONLY
- ✓ LINE CONSOLE 0
- ✓ PASSWORD CISCO
- ✓ LOGIN
- ✓ LINE VTY 0 15
- ✓ PASSWORD CISCO
- ✓ LOGIN
- ✓ LOGG
- ✓ LOGGIN SYNS
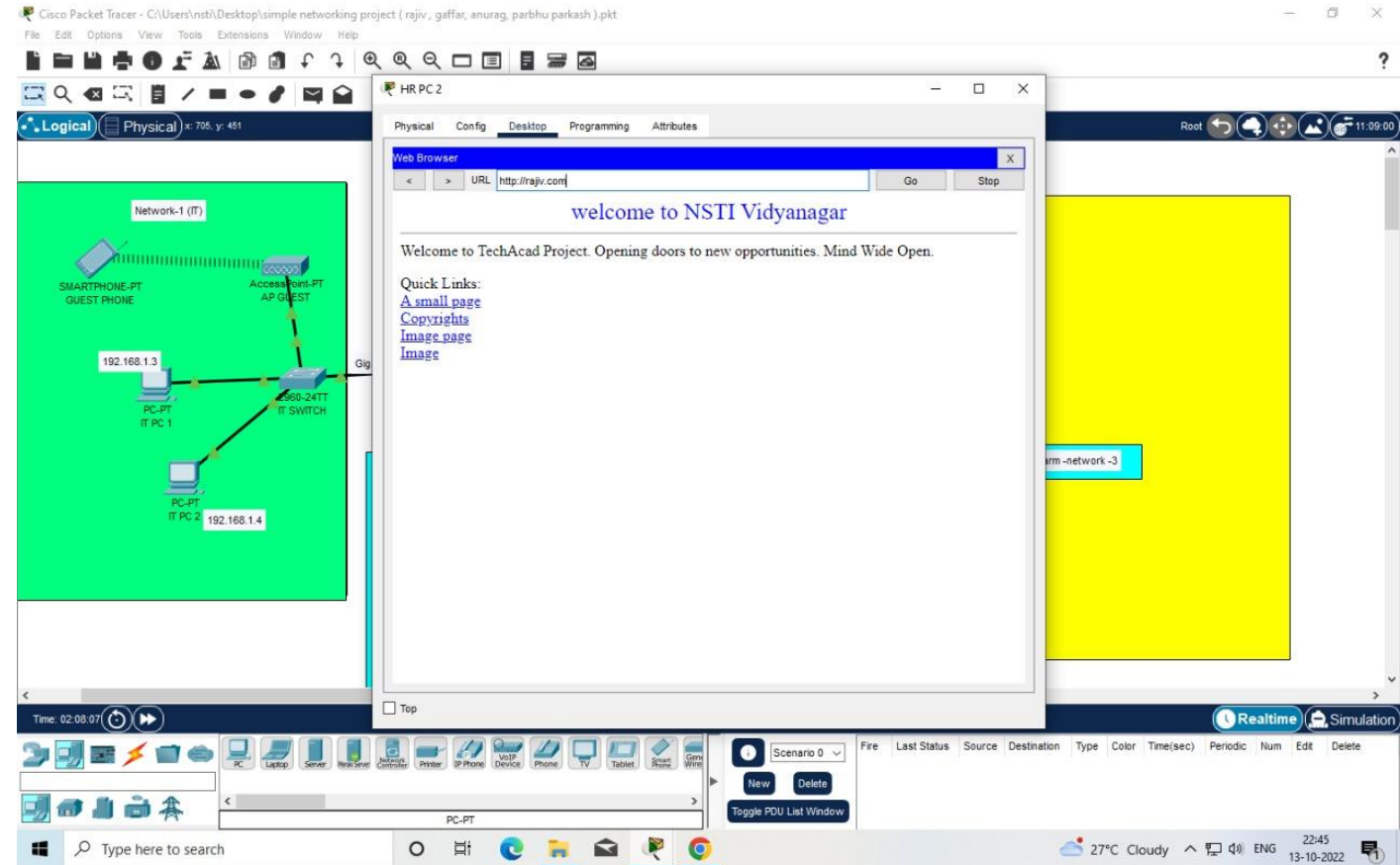
# CONFIGURATION

➤ **Router to Server Farm**



THANKYOU