

PRESENTED BY / ABDO WALEED

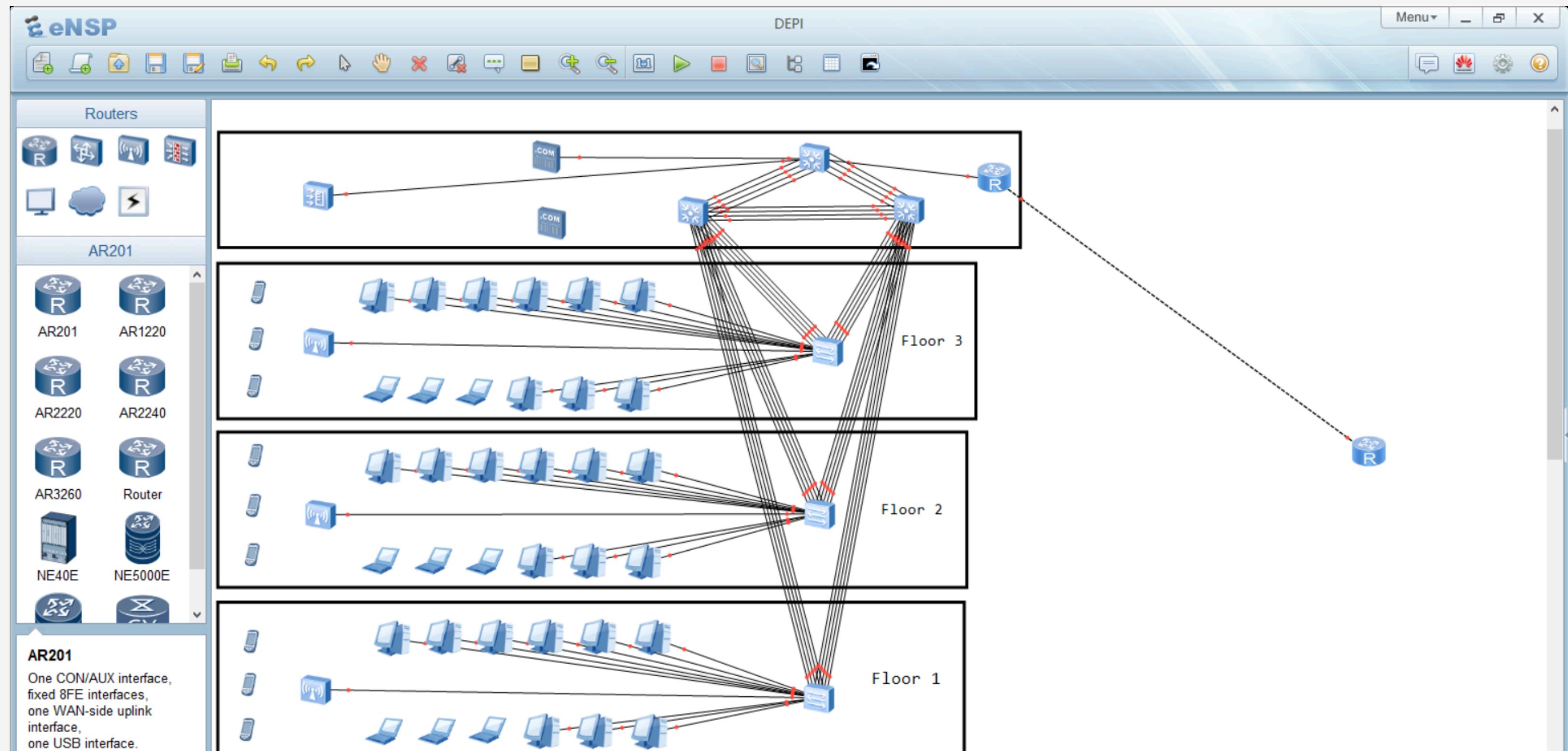


TEAM D

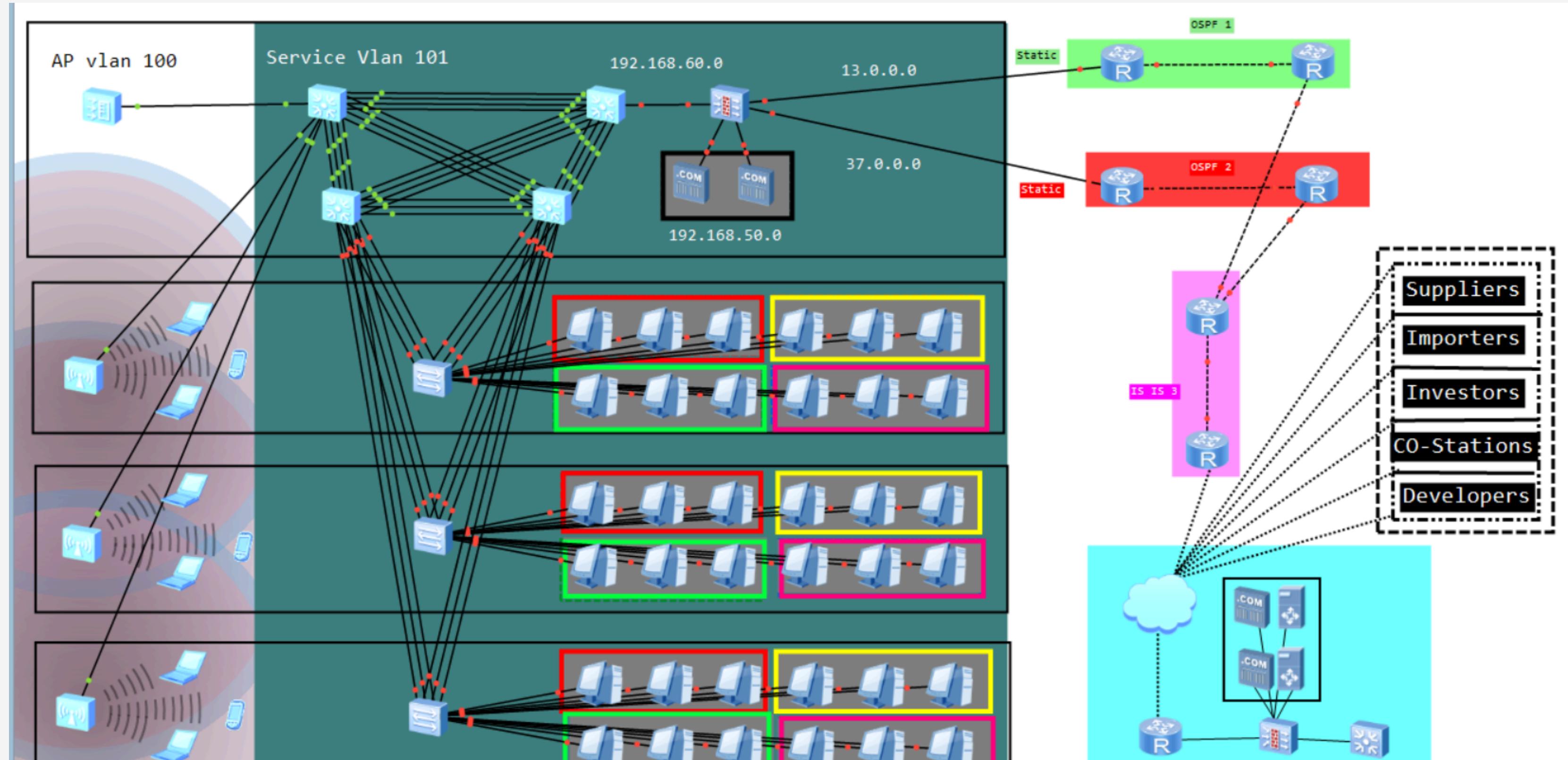
FINAL REPRESENTATION PETROMASR PROJECT

**SIMULATING NEW ERA OF INFRASTRUCTURE
HUAWEI NETWORK ADMINISTRATION**

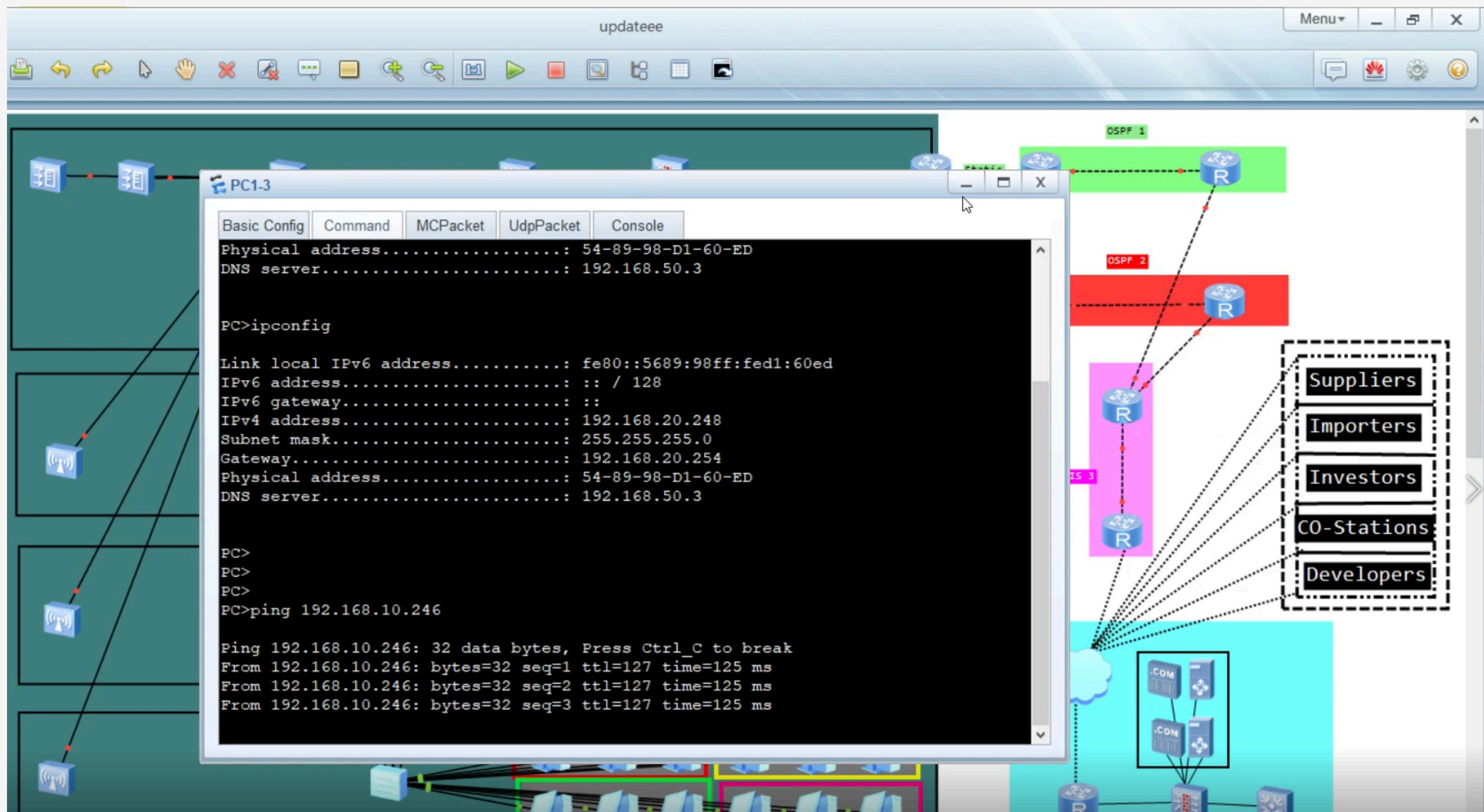
OLD VERSION



LATEST VERSION



LATEST VERSION



SWITCHING STATE

WE HAVE WORKED ON :

- 1) ACCESS SWICTH**
- 2) DISTRIBUTED SWITCH**
- 3) CORE SWITCH**

ACCESS SWITCH

- WE HAVE WORKED IN ACCESS SWITCH THE FOLLOWING :
- VLAN DECLARATION
- RAPID STP MODE , LACP PRIORITY
- PRIORITY BRIDGE ID
- DETECT SWITCHPORTS TYPE ACCESS / TRUNK
- ASSIGNING DISTRIBUTED ETH-TRUNK
- ENABLING STP EDGED-PORT ON ACCESS PORTS
- DETECTING GROUP MEMBERS TO WORK EFFICIENTLY

DISTRIBUTED SWITCH

- WE HAVE WORKED IN DISTRIBUTED SWITCH THE FOLLOWING :
- VLAN DECLARATION
- RAPID STP MODE , LACP PRIORITY
- PRIORITY BRIDGE ID
- SWITCHPORTS TYPE ACCESS / TRUNK
- ETH-TRUNK
- STP EDGED-PORT ON ACCESS PORTS
- SVI WITH VRRP
- DHCP
- OSPF INTERNAL ROUTING

CORE SWITCH

- WE HAVE WORKED IN DISTRIBUTED SWITCH THE FOLLOWING :
- VLAN DECLARATION
- RAPID STP MODE , LACP PRIORITY
- PRIORITY BRIDGE ID
- SWITCHPORTS TYPE ACCESS / TRUNK
- ETH-TRUNK
- STP EDGED-PORT ON ACCESS PORTS
- SVI
- CONNECTING WITH ACCESS CONTROLLER
- CONNECTING WITH FIREWALL

WLAN STATE CONFIG

**CONNECTING WITH ACCESS CONTROLLER VIA LCSW
CONFIGURED WLAN SETTINGS KIKE :**

- **CAPWAP**
- **SSID PROFILE**
- **SECURITY PROFILE**
- **RADIO CUNTRY**
- **VAP PROFILE**
- **WIFI-ROAMING**
- **ESSID**
- **BSSID**

SERVERS SETTINGS

WE HAVE PREPARE 2 SERVERS :

1) ENTERPRISE SERVERS THAT THEY ARE LOCAL

- **FOR ACTIVE DIRECTORY**
- **STORAGE , BACKUP AND RECOVERY**
- **PRINT SERVER , DMSS SERVER , ETC**

2) WEB SERVER CLOUD HOST LIKE AMAZON

- **THE INTERFACE THE CONNECT THE ORG WITH STAKEHOLDERS**



Leading the Future of Energy

Powering Progress Through Innovation and Excellence

As a premier petroleum organization, we deliver sustainable energy solutions while maintaining the highest standards of operational excellence.



2.5M barrels

Daily Production

+15%



42 sites

Active Facilities

+3 new



98.5 %

Safety Score

+2.1%



34 %

Market Share

+5%

**LETS SEE THE PETROMASR WEBSITE IN PDF
AND REAL FRONTEND & BACKEND**

THANKS