

PRESENTED BY / ABDO WALEED

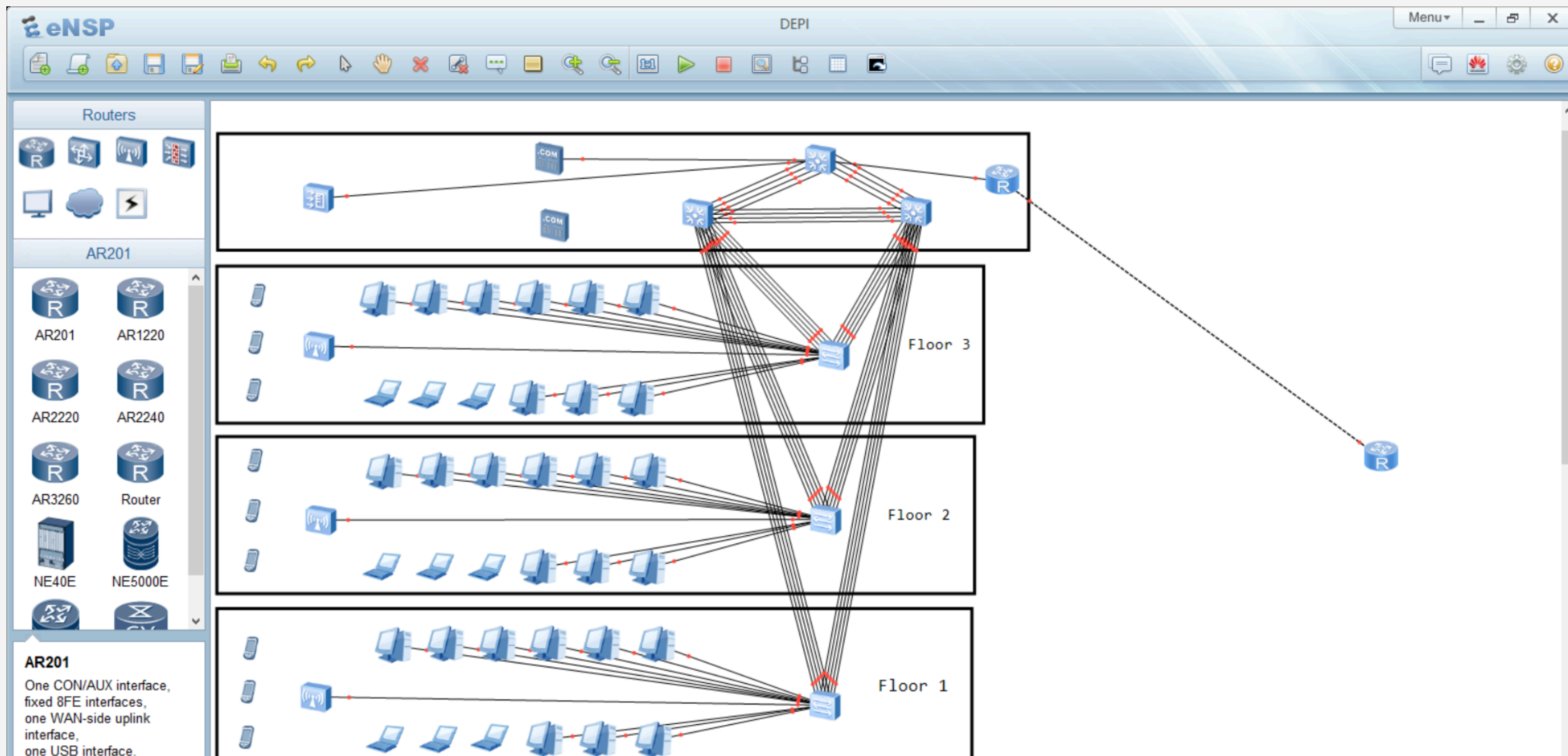


TEAM D

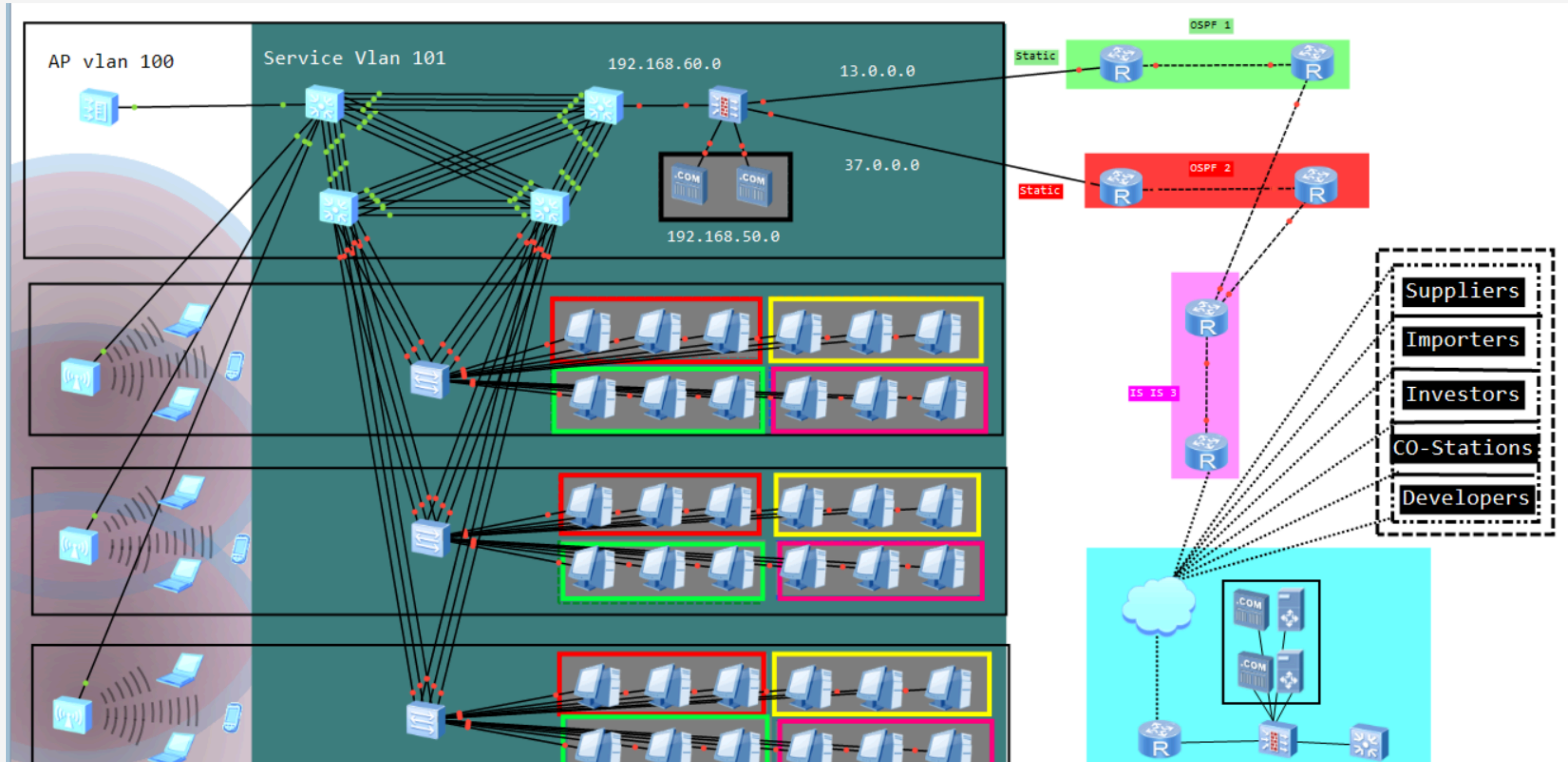
FINAL REPRESENTATION PETROMASR PROJECT

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

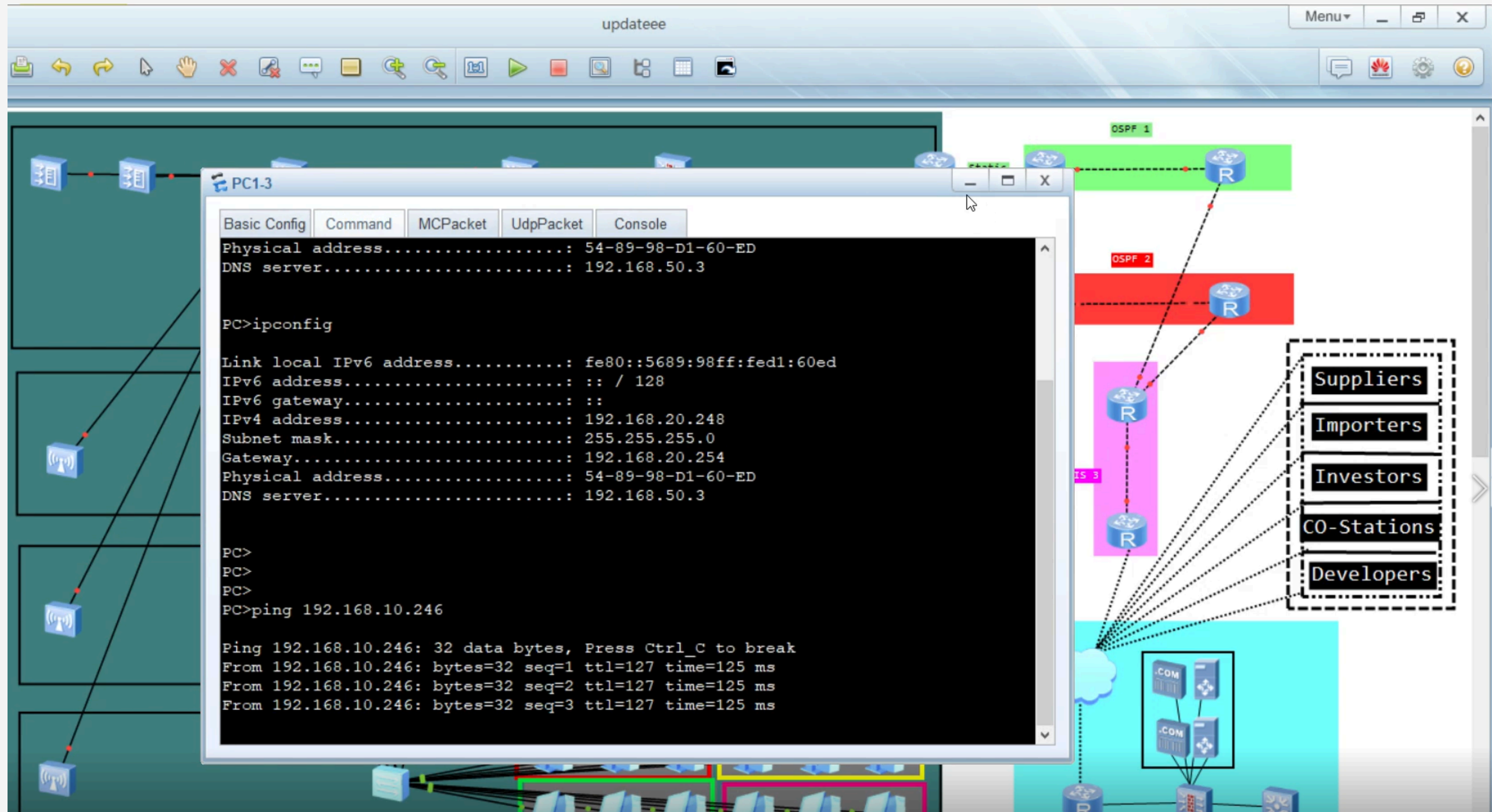
OLD VERSION



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**



DISTERIBUTED SWITCH

- **WE HAVE WORKED IN DISTERIBUTED 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 DISTERIBUTED 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 COUNTRY**
- **VAP PROFILE**
- **WIFI-ROAMING**
- **ESSID**
- **BSSID**



SERVERS SETTINGS

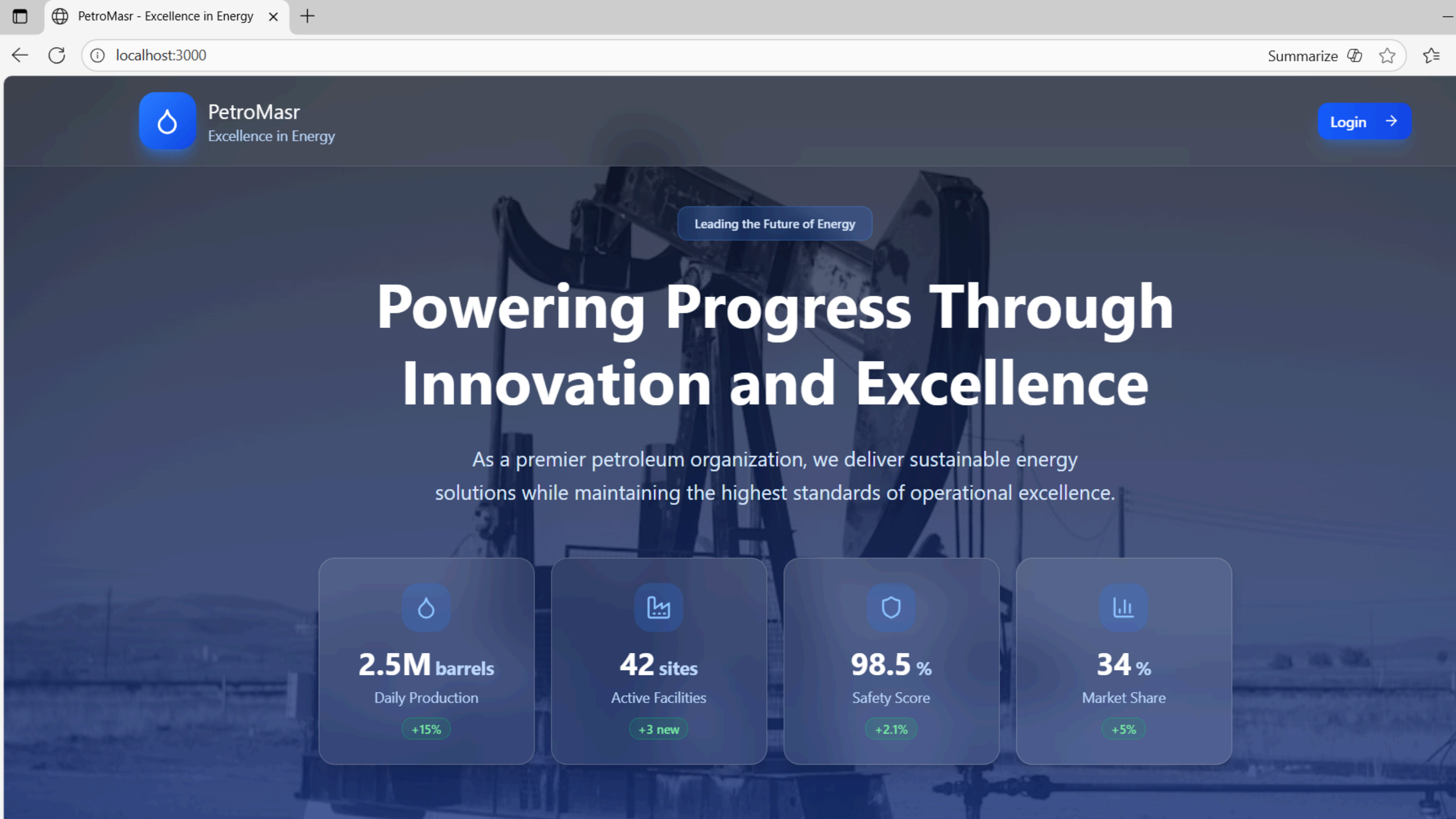
WE HAVE PREPARE 2 SERVERS :

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 CONNCET 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