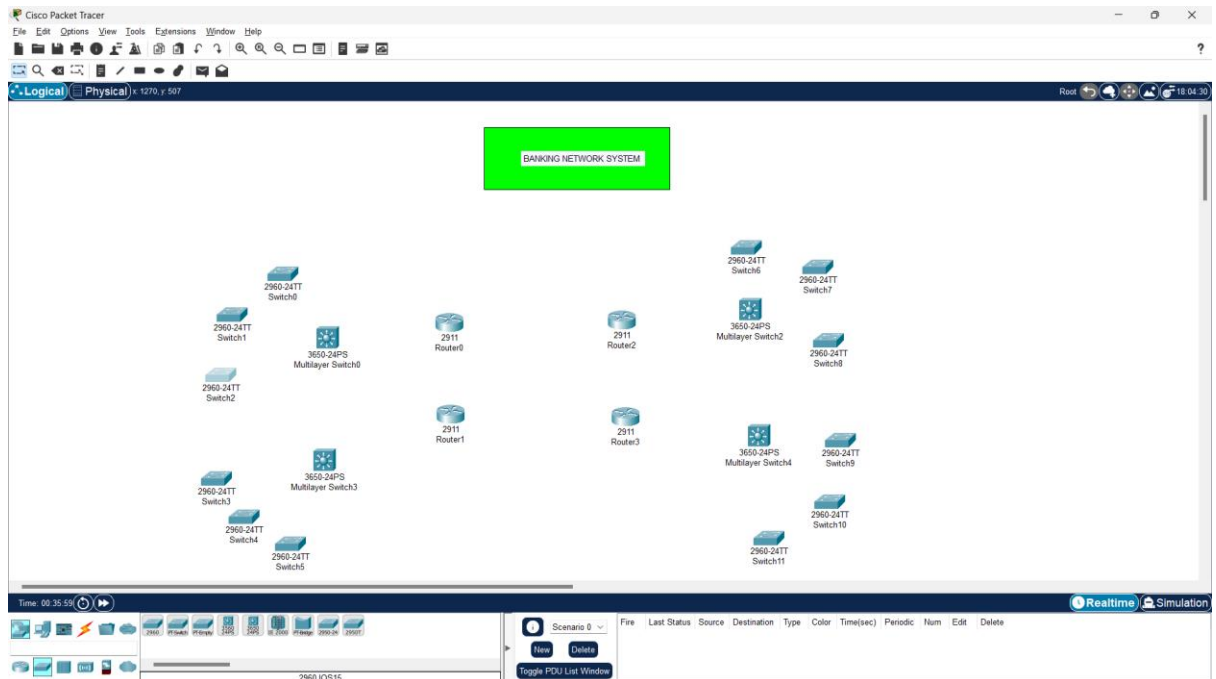
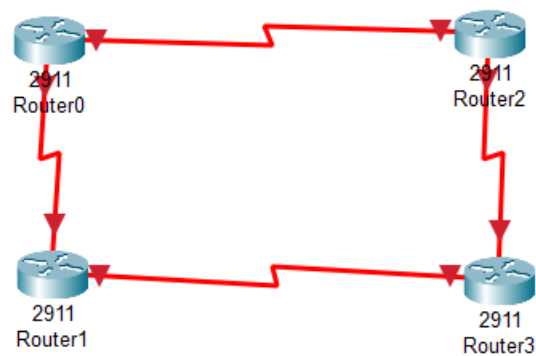


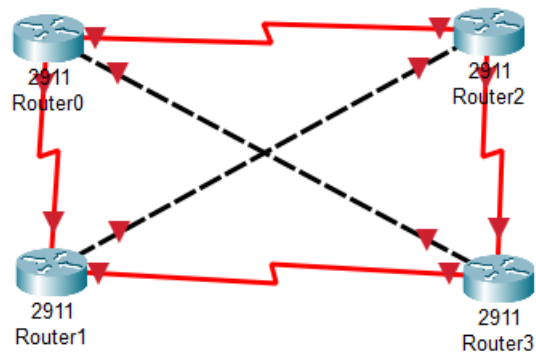
- 1) s4 routers-2911
- 2) 4 switches 3650
- 3) 12 departments—PER SWITCH 3 DEPARTMENTS
- 4)



- 5)Switch off the router
- 6)Drag HWIC-2T to any empty port
- 7)Turn on the router
- 8) repeat the same for every router
- 9)Serial interfaces are made
- 10)



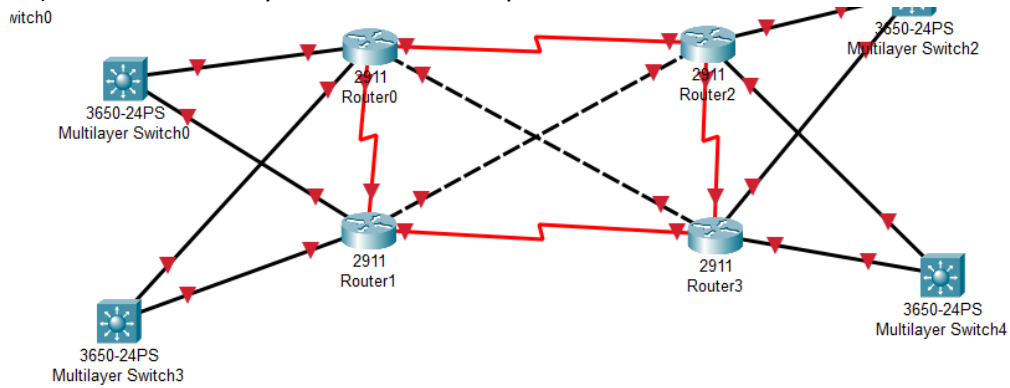
- 11)Routers using serial connection
- 12)connect the other routers by cross over cable



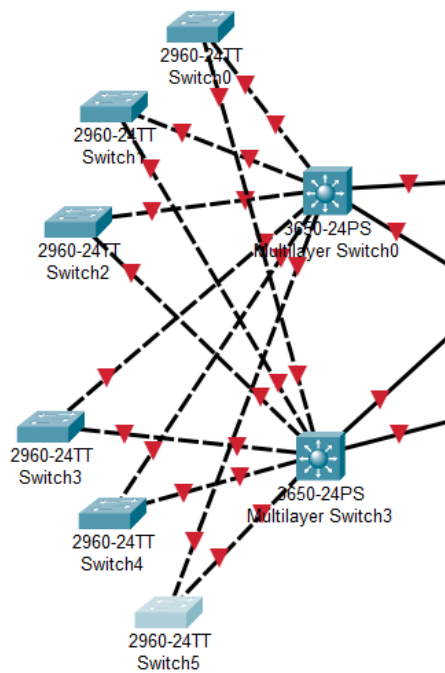
13) Now each switch should be connected to 2 routers

14) We use automatic choose connection

15) Connected core layer to distribution layer

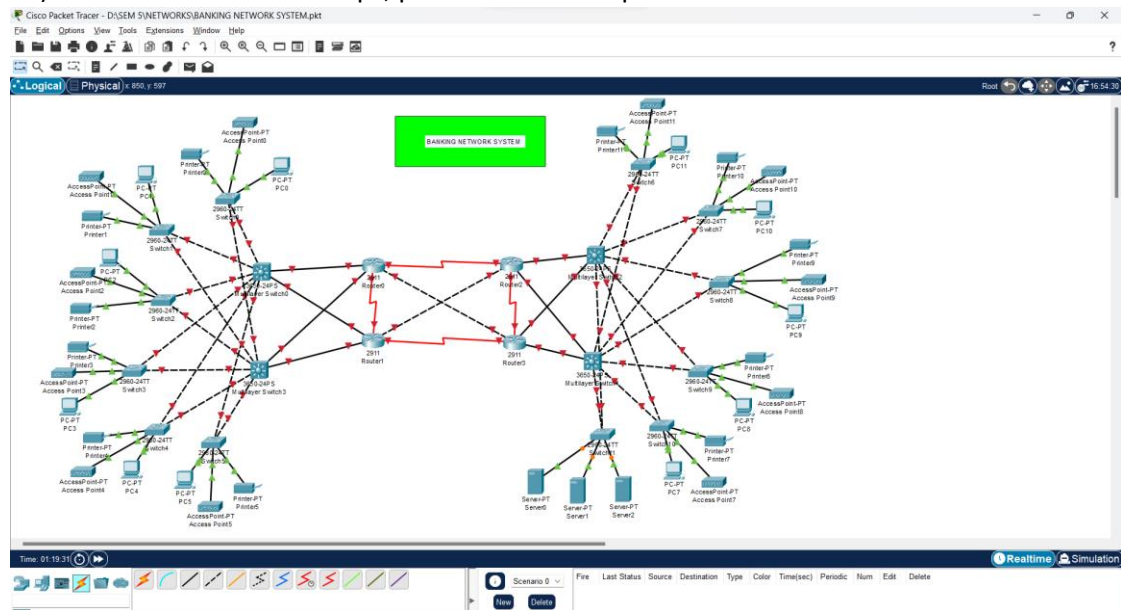


16) For redundancy each multi layer switch is connected to 6 switches



17) Connected access layer to the distribution layer

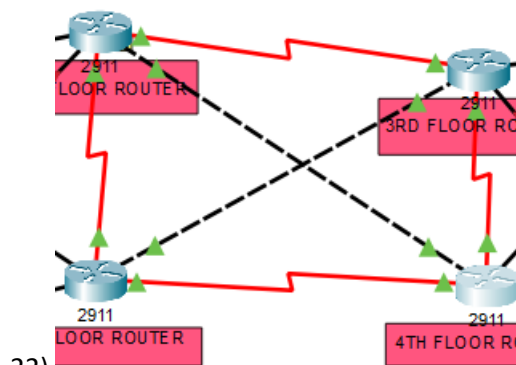
18) For each switch there is a pc, printer and access point connected



19) Naming of all the routers has been done

20) Now let's turn up the interfaces

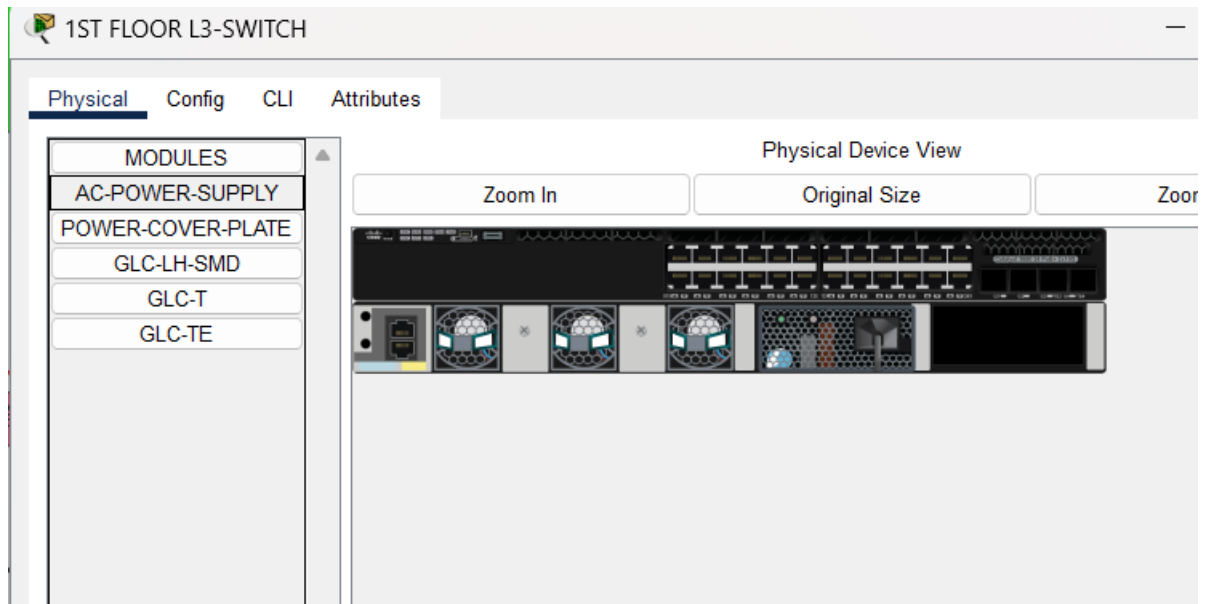
21) Go to router and go to config turn on all the interfaces



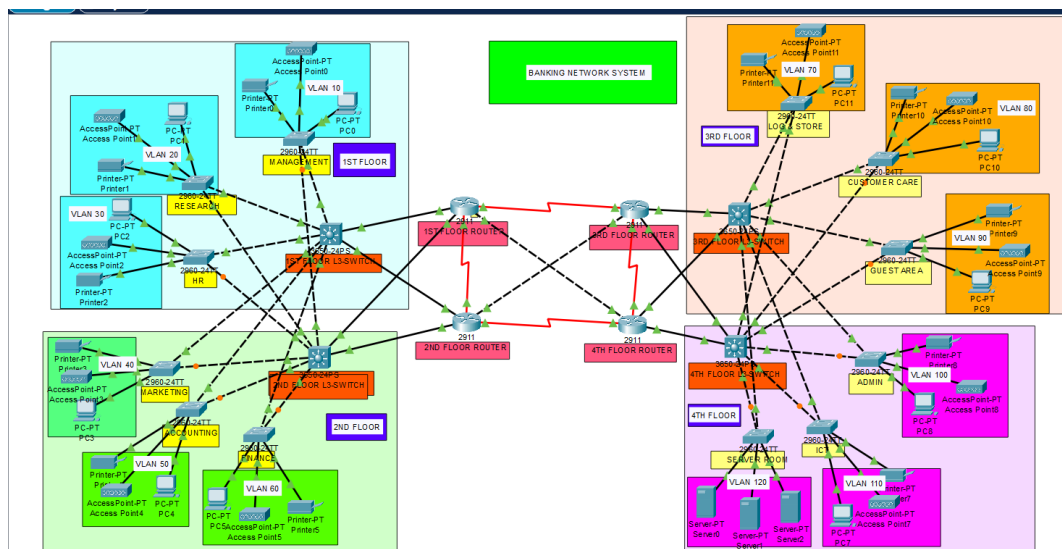
22)

23) Now coming to I3 switches add AC-power supply to any empty port

24)



25) BORDER THE DEPARTMENTS



26) Now coming to basic configurations
Let us start with access layer

Go to management switch

```
Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname Fl-Mgt-SW
Fl-Mgt-SW(config)#banner motd #This Floor1-mgt switch#
Fl-Mgt-SW(config)#line console 0
Fl-Mgt-SW(config-line)#password cisco
Fl-Mgt-SW(config-line)#login
Fl-Mgt-SW(config-line)#exit
Fl-Mgt-SW(config)#line vty 0 15
Fl-Mgt-SW(config-line)#password cisco
Fl-Mgt-SW(config-line)#login
Fl-Mgt-SW(config-line)#exit
Fl-Mgt-SW(config)#no ip domain-lookup
Fl-Mgt-SW(config)#enable password cisco
Fl-Mgt-SW(config)#service password-encryption
Fl-Mgt-SW(config)#do wr
Building configuration...
[OK]
Fl-Mgt-SW(config)#
```

Commands for all switches

en

conf t

hostname Layer-2-Sw

banner motd #This is layer-2-Sw #

line console 0

password cisco

login

exit

line vty 0 15

password cisco

login

exit

no ip domain-lookup

enable password cisco

service password-encryption

do wr

CONFIG STEPS

1. Basic settings to all devices plus ssh on the routers and 13 switches.
2. VLANs assignment plus all access and trunk ports.
3. Switchport security to all 12 switches.
4. Subnetting and IP addressing
5. OSPF on the routers and 13 switches.
6. Static IP address to serverRoom devices.
7. DHCP server device configuratiuons.
8. Inter-VLAN routing on the 13 switches plus ip dhcp helper addresses.
9. Wireless network configurations.
10. Verifying and testing configurations.

27) Configuring SSH—Distributive layer

```
% Incomplete command.
Fl-13sw(config)#line console 0
Fl-13sw(config-line)#password cisco
Fl-13sw(config-line)#login
Fl-13sw(config-line)#exit
Fl-13sw(config)#line vty 0 15
Fl-13sw(config-line)#password cisco
Fl-13sw(config-line)#login
Fl-13sw(config-line)#exit
Fl-13sw(config)#no ip domain-lookup
Fl-13sw(config)#enable
% Incomplete command.
Fl-13sw(config)#enable password cisco
Fl-13sw(config)#service password-encryption
Fl-13sw(config)#ip domain-name cisco.net
Fl-13sw(config)#username cisco password cisco
Fl-13sw(config)#crypto key generate rsa
The name for the keys will be: Fl-13sw.cisco.net
Choose the size of the key modulus in the range of 360 to 4096 for your
  General Purpose Keys. Choosing a key modulus greater than 512 may take
  a few minutes.

How many bits in the modulus [512]: 1024
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]

Fl-13sw(config)#line vty 0 15
*Mar 1 2:26:5.609: %SSH-5-ENABLED: SSH 1.99 has been enabled
Fl-13sw(config-line)#login local
Fl-13sw(config-line)#transport input ssh
Fl-13sw(config-line)#exit
Fl-13sw(config)#do wr
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
```

FOR CORE LAYER

en

conf t

hostname Core-LayerR4

banner motd #This is Core-LayerR4 #

line console 0

password cisco

login

exit

ip domain-name cisco.net

username cisco password cisco

crypto key generate rsa

1024

line vty 0 15

login local

transport input ssh

exit

no ip domain-lookup

enable password cisco
service password-encryption

do wr

Step 1 of configuration is done

Fa 0/1 and Fa 0/2 shd be trunk ports

Remaining ports shd be access ports since we connect host devices

RESEARCH

Physical Config CLI Attributes

IOS Command Line Interface

```
Layer-2-Sw(config-if-range)#switchport port-security
Layer-2-Sw(config-if-range)#switchport port-security maximum 2
Layer-2-Sw(config-if-range)#switchport port-security mac-address sticky
Layer-2-Sw(config-if-range)#switchport port-security violation shutdown
Layer-2-Sw(config-if-range)#
Layer-2-Sw(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to down

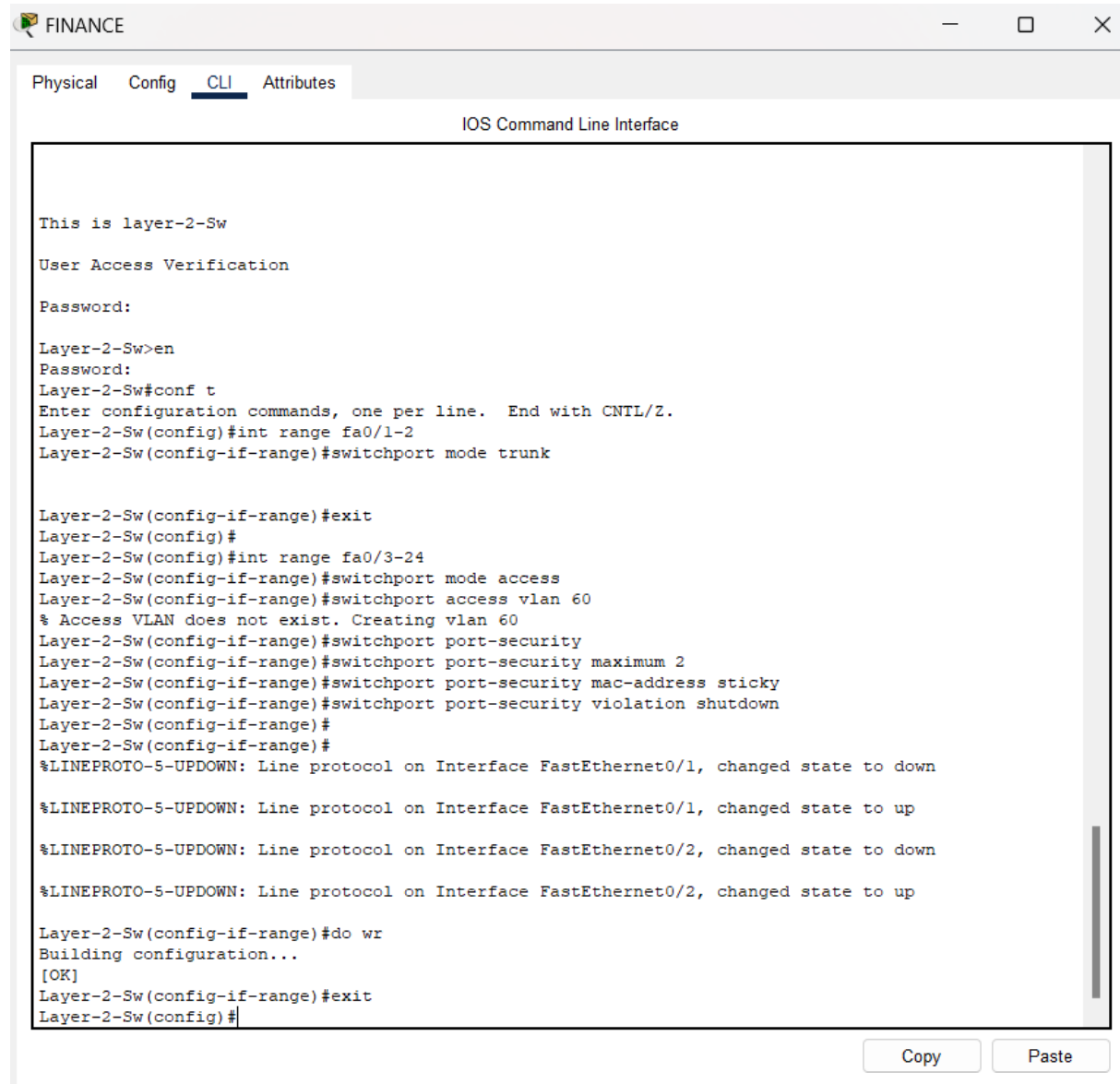
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

Layer-2-Sw(config-if-range)#do sh port-security
Secure Port MaxSecureAddr CurrentAddr SecurityViolation Security Action
      (Count)      (Count)      (Count)
-----
      Fa0/3         2         0         0      Shutdown
      Fa0/4         2         0         0      Shutdown
      Fa0/5         2         0         0      Shutdown
      Fa0/6         2         0         0      Shutdown
      Fa0/7         2         0         0      Shutdown
      Fa0/8         2         0         0      Shutdown
      Fa0/9         2         0         0      Shutdown
      Fa0/10        2         0         0      Shutdown
      Fa0/11        2         0         0      Shutdown
      Fa0/12        2         0         0      Shutdown
      Fa0/13        2         0         0      Shutdown
      Fa0/14        2         0         0      Shutdown
      Fa0/15        2         0         0      Shutdown
      Fa0/16        2         0         0      Shutdown
      Fa0/17        2         0         0      Shutdown
      Fa0/18        2         0         0      Shutdown
      Fa0/19        2         0         0      Shutdown
      Fa0/20        2         0         0      Shutdown
      Fa0/21        2         0         0      Shutdown
      Fa0/22        2         0         0      Shutdown
      Fa0/23        2         0         0      Shutdown
      Fa0/24        2         0         0      Shutdown
-----
Layer-2-Sw(config-if-range)#
```

Instructions:

int range fa0/1-2
switchport mode trunk
exit

```
int range fa0/3-24
switchport mode access
switchport access vlan 20
switchport port-security
switchport port-security maximum 2
switchport port-security mac-address sticky
switchport port-security violation shutdown
```



```
FINANCE
Physical Config CLI Attributes
IOS Command Line Interface

This is layer-2-Sw
User Access Verification
Password:
Layer-2-Sw>en
Password:
Layer-2-Sw#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Layer-2-Sw(config)#int range fa0/1-2
Layer-2-Sw(config-if-range)#switchport mode trunk

Layer-2-Sw(config-if-range)#exit
Layer-2-Sw(config)#
Layer-2-Sw(config)#int range fa0/3-24
Layer-2-Sw(config-if-range)#switchport mode access
Layer-2-Sw(config-if-range)#switchport access vlan 60
% Access VLAN does not exist. Creating vlan 60
Layer-2-Sw(config-if-range)#switchport port-security
Layer-2-Sw(config-if-range)#switchport port-security maximum 2
Layer-2-Sw(config-if-range)#switchport port-security mac-address sticky
Layer-2-Sw(config-if-range)#switchport port-security violation shutdown
Layer-2-Sw(config-if-range)#
Layer-2-Sw(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

Layer-2-Sw(config-if-range)#do wr
Building configuration...
[OK]
Layer-2-Sw(config-if-range)#exit
Layer-2-Sw(config)#
```

Copy Paste

2nd and 3rd steps are completed

SUBNETTING PROCESS

IP Addressing

Base Network: 192.168.10.0

First Floor



Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
Management	192.168.10.0	255.255.255.192/26	192.168.10.1 to 192.168.10.62	192.168.10.63
Research	192.168.10.64	255.255.255.192/26	192.168.10.65 to 192.168.10.126	192.168.10.127
Human Res	192.168.10.128	255.255.255.192/26	192.168.10.129 to 192.168.10.190	192.168.10.191



Second Floor

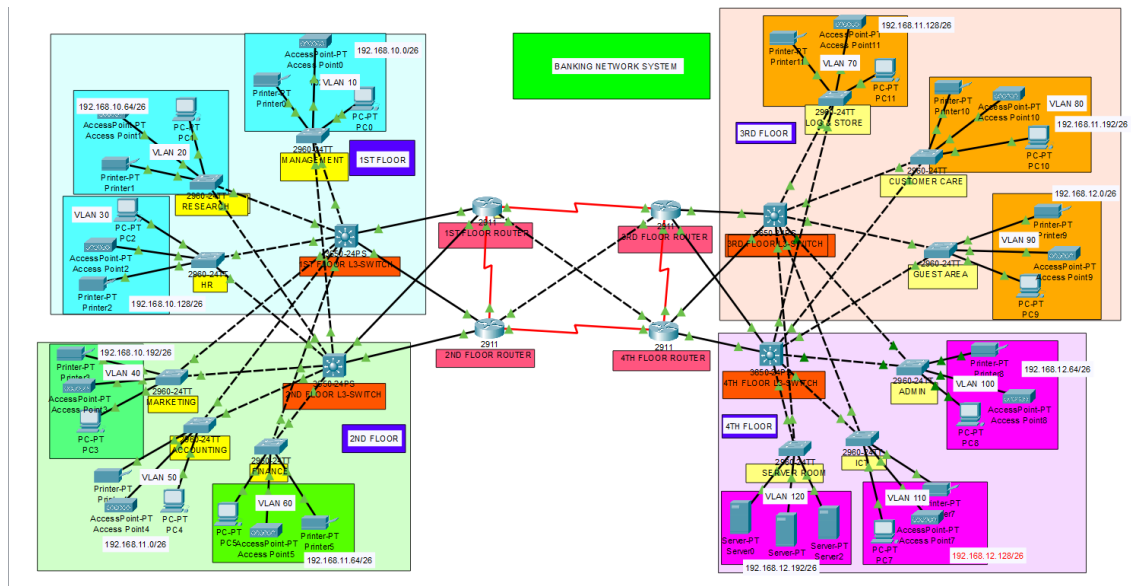
Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
Marketing	192.168.10.192	255.255.255.192/26	192.168.10.193 to 192.168.10.254	192.168.10.255
Accounts	192.168.11.0	255.255.255.192/26	192.168.11.1 to 192.168.11.62	192.168.11.63
Finance	192.168.11.64	255.255.255.192/26	192.168.11.65 to 192.168.11.126	192.168.11.127

Third Floor

Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
Logistics	192.168.11.128	255.255.255.192/26	192.168.11.129 to 192.168.11.190	192.168.11.191
Customer	192.168.11.192	255.255.255.192/26	192.168.11.193 to 192.168.11.254	192.168.11.255
Guest	192.168.12.0	255.255.255.192/26	192.168.12.1 to 192.168.12.62	192.168.12.63

Fourth Floor

Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
Admin	192.168.12.64	255.255.255.192/26	192.168.12.65 to 192.168.12.126	192.168.12.127
ICT	192.168.12.128	255.255.255.192/26	192.168.12.129 to 192.168.12.190	192.168.12.191
ServerRoom	192.168.12.192	255.255.255.192/26	192.168.12.193 to 192.168.12.254	192.168.12.255



Giving subnet addresses

Between the Routers and Layer-3 Switches

Base Network Address: 10.10.10.0

No.	Network Address	Subnet Mask	Host Address Range	Broadcast Address
1	10.10.10.0	255.255.255.252	10.10.10.33 to 10.10.10.34	10.10.10.35
2	10.10.10.4	255.255.255.252	10.10.10.37 to 10.10.10.38	10.10.10.39
3	10.10.10.8	255.255.255.252	10.10.10.41 to 10.10.10.42	10.10.10.43
4	10.10.10.12	255.255.255.252	10.10.10.45 to 10.10.10.46	10.10.10.47
5	10.10.10.16	255.255.255.252	10.10.10.49 to 10.10.10.50	10.10.10.51
6	10.10.10.20	255.255.255.252	10.10.10.53 to 10.10.10.54	10.10.10.55
7	10.10.10.24	255.255.255.252	10.10.10.33 to 10.10.10.34	10.10.10.35
8	10.10.10.28	255.255.255.252	10.10.10.37 to 10.10.10.38	10.10.10.39
9	10.10.10.32	255.255.255.252	10.10.10.41 to 10.10.10.42	10.10.10.43
10	10.10.10.36	255.255.255.252	10.10.10.45 to 10.10.10.46	10.10.10.47
11	10.10.10.40	255.255.255.252	10.10.10.49 to 10.10.10.50	10.10.10.51
12	10.10.10.44	255.255.255.252	10.10.10.53 to 10.10.10.54	10.10.10.55
13	10.10.10.48	255.255.255.252	10.10.10.33 to 10.10.10.34	10.10.10.35
14	10.10.10.52	255.255.255.252	10.10.10.37 to 10.10.10.38	10.10.10.39

LETS CONFIGURE TRUNK PORTS


int range gig1/0/3-8

switchport mode trunk

exit

do wr

```
Fl-13sw>enable
Password:
Fl-13sw#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Fl-13sw(config)#int range gig1/0/3-8
Fl-13sw(config-if-range)#switchport mode trunk
Fl-13sw(config-if-range)#exit
Fl-13sw(config)#do wr
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
Fl-13sw(config)#
```

 2ND FLOOR L3-SWITCH — □

Physical Config CLI Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/5, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/5, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/6, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/6, changed state to up
This is layer-3-Sw

User Access Verification

Password:

Layer-3-Sw>enable
Password:
Layer-3-Sw#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Layer-3-Sw(config)#int range gig1/0/3-8
Layer-3-Sw(config-if-range)#switchport mode trunk
Layer-3-Sw(config-if-range)#exit
Layer-3-Sw(config)#do wr
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
Layer-3-Sw(config)#

Layer-3-Sw con0 is now available
```

Now start configuring ip addresses to these interfaces

```

This 13-switch

User Access Verification

Password:
Password:

F1-13sw>en
Password:
F1-13sw#conf t
Enter configuration commands, one per line. End with CNTL/Z.
F1-13sw(config)#int range gig1/0/1-2
F1-13sw(config-if-range)#no switchport
F1-13sw(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/2, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/2, changed state to up

F1-13sw(config-if-range)#exit
F1-13sw(config)#

```


```

Device Name: 1ST FLOOR L3-SWITCH
Device Model: 3650-24PS
Hostname: F1-13sw

```

Port	Link	VLAN	IP Address	IPv6 Address	MAC Address
GigabitEthernet1/0/1	Up	1	<not set>	<not set>	000C.851C.6E01
GigabitEthernet1/0/2	Up	1	<not set>	<not set>	000C.851C.6E02
GigabitEthernet1/0/3	Up	--	<not set>	<not set>	000C.851C.6E03
GigabitEthernet1/0/4	Up	--	<not set>	<not set>	000C.851C.6E04
GigabitEthernet1/0/5	Up	--	<not set>	<not set>	000C.851C.6E05
GigabitEthernet1/0/6	Up	--	<not set>	<not set>	000C.851C.6E06
GigabitEthernet1/0/7	Up	--	<not set>	<not set>	000C.851C.6E07
GigabitEthernet1/0/8	Up	--	<not set>	<not set>	000C.851C.6E08
GigabitEthernet1/0/9	Down	1	<not set>	<not set>	000C.851C.6E09
GigabitEthernet1/0/10	Down	1	<not set>	<not set>	000C.851C.6E0A
GigabitEthernet1/0/11	Down	1	<not set>	<not set>	000C.851C.6E0B
GigabitEthernet1/0/12	Down	1	<not set>	<not set>	000C.851C.6E0C
GigabitEthernet1/0/13	Down	1	<not set>	<not set>	000C.851C.6E0D
GigabitEthernet1/0/14	Down	1	<not set>	<not set>	000C.851C.6E0E
GigabitEthernet1/0/15	Down	1	<not set>	<not set>	000C.851C.6E0F
GigabitEthernet1/0/16	Down	1	<not set>	<not set>	000C.851C.6E10
GigabitEthernet1/0/17	Down	1	<not set>	<not set>	000C.851C.6E11
GigabitEthernet1/0/18	Down	1	<not set>	<not set>	000C.851C.6E12
GigabitEthernet1/0/19	Down	1	<not set>	<not set>	000C.851C.6E13
GigabitEthernet1/0/20	Down	1	<not set>	<not set>	000C.851C.6E14
GigabitEthernet1/0/21	Down	1	<not set>	<not set>	000C.851C.6E15
GigabitEthernet1/0/22	Down	1	<not set>	<not set>	000C.851C.6E16
GigabitEthernet1/0/23	Down	1	<not set>	<not set>	000C.851C.6E17
GigabitEthernet1/0/24	Down	1	<not set>	<not set>	000C.851C.6E18
GigabitEthernet1/1/1	Down	1	<not set>	<not set>	0004.9AE4.D701
GigabitEthernet1/1/2	Down	1	<not set>	<not set>	0004.9AE4.D702
GigabitEthernet1/1/3	Down	1	<not set>	<not set>	0004.9AE4.D703
GigabitEthernet1/1/4	Down	1	<not set>	<not set>	0004.9AE4.D704
Vlan1	Down	1	<not set>	<not set>	0040.0BA6.E399

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > 1ST FLOOR L3-SWITCH

 1ST FLOOR L3-SWITCH

Physical
Config
CLI
Attributes

IOS Command Line Interface

```

Press RETURN to get started!

This l3-switch

User Access Verification

Password:
Password:

Fl-13sw>en
Password:
Fl-13sw#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Fl-13sw(config)#int gig1/0/1
Fl-13sw(config-if)#ip address 10.10.10.1 255.255.255.252
^
% Invalid input detected at '^' marker.

Fl-13sw(config-if)#ip address 10.10.10.1 255.255.255.252
Fl-13sw(config-if)#exit
Fl-13sw(config)#int gig1/0/2
Fl-13sw(config-if)#ip address 10.10.10.9 255.255.255.252
Fl-13sw(config-if)#exit
Fl-13sw(config)#do wr
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
Fl-13sw(config)#

```

```

Layer-3-Sw>en
Password:
Layer-3-Sw#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Layer-3-Sw(config)#int range gig1/0/1-2
Layer-3-Sw(config-if-range)#no switchport
Layer-3-Sw(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/2, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0/2, changed state to up

Layer-3-Sw(config-if-range)#exit
Layer-3-Sw(config)#int range gig1/0/1
Layer-3-Sw(config-if-range)#ip address 10.10.10.5 255.255.255.252
Layer-3-Sw(config-if-range)#ex
Layer-3-Sw(config)#int range gig1/0/2
Layer-3-Sw(config-if-range)#ip address 10.10.10.13 255.255.255.252
Layer-3-Sw(config-if-range)#ex
Layer-3-Sw(config)#do wr
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
Layer-3-Sw(config)#

```

When u see a clock it is a serial dce

1ST FLOOR ROUTER

Physical Config CLI Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/2/1, changed state to up
This is Core-LayerR1

User Access Verification

Password:

Core-LayerR1>en
Password:
Password:
Core-LayerR1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Core-LayerR1(config)#int gig0/1
Core-LayerR1(config-if)#ip address 10.10.10.2 255.255.255.252
Core-LayerR1(config-if)#ex
Core-LayerR1(config)#int gig0/2
Core-LayerR1(config-if)#ip address 10.10.10.6 255.255.255.252
Core-LayerR1(config-if)#ex
Core-LayerR1(config)#int gig0/0
Core-LayerR1(config-if)#ip address 10.10.10.29 255.255.255.252
Core-LayerR1(config-if)#ex
Core-LayerR1(config)#int se0/2/0
Core-LayerR1(config-if)#ip address 10.10.10.33 255.255.255.252
Core-LayerR1(config-if)#ex
Core-LayerR1(config)#int se0/2/1
Core-LayerR1(config-if)#ip address 10.10.10.17 255.255.255.252
Core-LayerR1(config-if)#clock rate 64000
Core-LayerR1(config-if)#ex
Core-LayerR1(config)#int se0/2/0
Core-LayerR1(config-if)#clock rate 64000
Core-LayerR1(config-if)#ex
Core-LayerR1(config)#do wr
Building configuration...
[OK]
Core-LayerR1(config)#
```

Subnetting and ip addressing are done

Configuring OSPF(ROUTING PROTOCOL)

```
3RD FLOOR ROUTER
Physical Config CLI Attributes
IOS Command Line Interface

Press RETURN to get started.

This is Core-LayerR3
User Access Verification
Password:
Core-LayerR3>en
Password:
Core-LayerR3#conf
Configuring from terminal, memory, or network [terminal]? terminal
Enter configuration commands, one per line. End with CNTL/Z.
Core-LayerR3(config)#router ospf 10
Core-LayerR3(config-router)#network 10.10.10.32 0.0.0.3 area 0
Core-LayerR3(config-router)#network 10.10.10.20 0.0.0.3 area 0
Core-LayerR3(config-router)#network 10.10.10.20 0.0.0.3 area 0
03:14:02: %OSPF-5-ADJCHG: Process 10, Nbr 10.10.10.33 on Serial0/2/0 from LOADING to FULL, Loading
Done
% Incomplete command.
Core-LayerR3(config-router)#network 10.10.10.36 0.0.0.3 area
% Incomplete command.
Core-LayerR3(config-router)#network 10.10.10.36 0.0.0.3 area 0
Core-LayerR3(config-router)#network 10.10.10.48 0.0.0.3 area 0
Core-LayerR3(config-router)#network 10.10.10.40 0.0.0.3 area 0
Core-LayerR3(config-router)#ex
Core-LayerR3(config)#do wr
Building configuration...
[OK]
Core-LayerR3(config)#
```

```
F1-13sw(config)#ip routing
F1-13sw(config)#router ospf 10
F1-13sw(config-router)#network 192.168.10.0 0.0.0.63 area 0
F1-13sw(config-router)#network 192.168.10.64 0.0.0.63 area 0
F1-13sw(config-router)#network 192.168.10.128 0.0.0.63 area 0
F1-13sw(config-router)#network 192.168.10.192 0.0.0.63 area 0
F1-13sw(config-router)#network 192.168.11.0 0.0.0.63 area 0
F1-13sw(config-router)#network 192.168.11.64 0.0.0.63 area 0
F1-13sw(config-router)#do wr
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
F1-13sw(config-router)#
```

OSPF ON THE ROUTERS AND LAYER 3 SWITCHES ARE DONE

DHCP CONFIGURATION DONE

PC1

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IPv4 Address 192.168.11.6

Subnet Mask 255.255.255.192

Default Gateway 192.168.11.0

DNS Server 192.168.12.196

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::250:FFF:FE1B:6963

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

DNS SERVER

