Reception Host (or Host 1):
IPv4 Address: **192.168.1.97**
IPv4 Subnet mask: **255.255.255.224**
IPv4 Default gateway: **192.168.1.126**
IPv6 Address: **2001:DB8:ACAD:A::FF/64**
IPv6 Default gateway: **FE80::1**

Operator Host (or Host 2)
IPv4 Address: **192.168.1.98**
IPv4 Subnet mask: **255.255.255.224**
IPv4 Default gateway: **192.168.1.126**
IPv6 Address: **2001:DB8:ACAD:A::15/64**
IPv6 Default gateway: **FE80::1**

IT Host (or Host 3)
IPv4 Address: **192.168.1.145**
IPv4 Subnet mask: **255.255.255.240**
IPv4 Default gateway: **192.168.1.158**
IPv6 Address: **2001:DB8:ACAD:B::FF/64**
IPv6 Default gateway: **FE80::1**

TFTP Server
IPv4 Address: **192.168.1.146**
IPv4 Subnet mask: **255.255.255.240**
IPv4 Default gateway: **192.168.1.158**
IPv6 Address: **2001:DB8:ACAD:B::15/64**
IPv6 Default gateway: **FE80::1**

Town Hall router (or Building 1 Router):

```
en

conf terminal

hostname Middle

enable secret class12345

service password-encryption

banner motd $This is Router$

security passwords min-length 10

login block-for 120 attempts 2 within 30

no ip domain-lookup

ip domain-name ITExamAnswers.net

crypto key generate rsa

1024


line console 0

password cisco12345

login

logging synchronous

exec-timeout 60

exit


line vty 0 4

password cisco12345

transport input ssh
```

```
login local

logging synchronous

exec-timeout 60

exit


line aux 0

password cisco12345

login

logging synchronous

exec-timeout 60

exit


ip ssh version 2

ip ssh time-out 120

username netadmin privilege 15 secret Cisco_CCNA5


interface g0/0

ip address 192.168.1.126 255.255.255.224

description First Floor LAN

ipv6 address 2001:DB8:ACAD:A::1/64

ipv6 address fe80::1 link-local

no shutdown

exit
```

```
interface g0/1

ip address 192.168.1.158 255.255.255.240

description Second Floor LAN

ipv6 address 2001:DB8:ACAD:B::1/64

ipv6 address fe80::1 link-local

no shutdown

exit

ipv6 unicast-routing

exit

write
```

Administration Switch (or Second Floor Switch):

```
enable

conf terminal

enable secret class12345

service password-encryption

banner motd $Second Floor Switch$

no ip domain-lookup


line console 0
```

```
password cisco12345

login

logging synchronous

exec-timeout 60

exit


line vty 0 15

password cisco12345

login

logging synchronous

exec-timeout 60

exit


interface vlan 1

ip address 192.168.1.157 255.255.255.240

no shutdown


ip default-gateway 192.168.1.158

exit

write
```

Town Hall router (or Building 1)

```
copy running-config tftp:
192.168.1.146
```