

Bugnalen, John Charles Dennis T.

BS6AA

CIS324

R1

enable

config terminal

hostname R1

no ip domain lookup

enable secret charles

line console 0

password april

login

line vty 0 4

password april

login

exit

service password-encryption

banner motd *

Authorized Person Only!*

service password-encryption

copy running-config startup-config

int g0/0

ip address 201.40.7.1 255.255.255.240

int s0/0/0

ip address 201.40.7.49 255.255.255.252

int s0/1/0

ip address 201.40.7.53 255.255.255.252

exit

router ospf 1

router-id 1.1.1.1

network 201.40.7.0 0.0.0.15 area 0

network 201.40.7.16 0.0.0.15 area 0

network 201.40.7.52 0.0.0.3 area 0

network 201.40.7.56 0.0.0.3 area 0

passive-interface g0/0

passive-interface g0/1

R2

| | |
|-----------------------------|--|
| enable | copy running-config startup-config |
| config terminal | |
| hostname R2 | int g0/0 |
| no ip domain lookup | ip address 201.40.7.17 255.255.255.240 |
| enable secret charles | int s0/0/0 |
| line console 0 | ip address 201.40.7.50 255.255.255.252 |
| password april | int s0/0/1 |
| login | ip address 201.40.7.57 255.255.255.252 |
| line vty 0 4 | |
| password april | router ospf 1 |
| login | router-id 2.2.2.2 |
| exit | network 201.40.7.52 0.0.0.3 area 0 |
| service password-encryption | network 201.40.7.60 0.0.0.3 area 0 |
| banner motd * | network 201.40.7.32 0.0.0.3 area 0 |
| | |
| Authorized Person Only!* | ip route 201.40.7.0 255.255.255.240 |
| service password-encryption | 201.40.7.48 |

R3

enable

config terminal

hostname R3

no ip domain lookup

enable secret charles

line console 0

password april

login

line vty 0 4

password april

login

exit

service password-encryption

banner motd *

Authorized Person Only!*

service password-encryption

copy running-config startup-config

int g0/0

ip address 201.40.7.33 255.255.255.240

int g0/1

ip address 192.168.1.1 255.255.255.0

int s0/0/1

ip address 201.40.7.58 255.255.255.252

int s0/1/0

ip address 201.40.7.54 255.255.255.252

router ospf 1

router-id 3.3.3.3

network 201.40.7.36 0.0.0.15 area 0

network 201.40.7.56 0.0.0.3 area 0

network 201.40.7.60 0.0.0.3 area 0

network 192.168.10.0 0.0.0.15 area 0

network 192.168.20.0 0.0.0.15 area 0

passive-interface g0/0

passive-interface g0/1

passive-interface g0/1.10

passive-interface g0/1.20

interface GigabitEthernet0/1.10

encapsulation dot1Q 10

description IT Network

ip address 192.168.10.1 255.255.255.0

exit

interface GigabitEthernet0/1.20

encapsulation dot1Q 20

description Sales Network

ip address 192.168.20.1 255.255.255.0

interface GigabitEthernet0/1.99

encapsulation dot1q 99 native

description Native VLAN

S1

enable

config terminal

hostname S1

no ip domain lookup

enable secret charles

line console 0

password april

login

line vty 0 4

password april

login

exit

service password-encryption

banner motd *

Authorized Person Only!*

service password-encryption

copy running-config startup-config

S2

enable

config terminal

no ip domain lookup

hostname S2

enable secret charles

line console 0

password april

login

line vty 0 4

password april

login

exit

service password-encryption

banner motd *

Authorized Person Only!*

service password-encryption

copy running-config startup-config

S3

enable

config terminal

hostname S3

no ip domain lookup

enable secret charles

line console 0

password april

login

line vty 0 4

password april

login

exit

service password-encryption

banner motd *

Authorized Person Only!*

service password-encryption

copy running-config startup-config

S4

```
enable
config terminal
hostname S4
no ip domain lookup
enable secret charles
line console 0
password april
login
line vty 0 4
password april
login
exit
service password-encryption
banner motd *

Authorized Person Only!*

service password-encryption
copy running-config startup-config

vlan 10
name IT
vlan 20
name Sales
vlan 99
name Native
```

```
interface vlan 10
ip address 192.168.10.1 255.255.255.0
no shutdown
exit
interface vlan 20
ip address 192.168.20.1 255.255.255.0
no shutdown
exit
ip default-gateway 192.168.1.1

interface f0/2
switchport mode access
switchport access vlan 10
switchport mode access
switchport access vlan 20

interface f0/3
switchport mode access
switchport access vlan 10
switchport mode access
switchport access vlan 20

interface g0/1
switchport mode trunk
switchport trunk native vlan 99
switchport trunk allowed vlan add 10
switchport trunk allowed vlan add 20
switchport trunk allowed vlan add 99
```

S5

```
enable
config terminal
hostname S5
no ip domain lookup
enable secret charles
line console 0
password april
login
line vty 0 4
password april
login
exit
service password-encryption
banner motd *

Authorized Person Only!*

service password-encryption
copy running-config startup-config

vlan 10
name IT
vlan 20
name Sales
vlan 99
name Native
```

```
interface vlan 10
ip address 192.168.10.1 255.255.255.0
no shutdown
exit
interface vlan 20
ip address 192.168.20.1 255.255.255.0
no shutdown
exit
ip default-gateway 192.168.1.1

interface f0/2
switchport mode access
switchport access vlan 10
switchport mode access
switchport access vlan 20

interface f0/3
switchport mode access
switchport access vlan 10
switchport mode access
switchport access vlan 20

interface GigabitEthernet0/1
switchport mode trunk
switchport trunk native vlan 99
switchport trunk allowed vlan 10,20,30,99
```