

Aveiro_L3_PS_2

vlan database

vlan 1

vlan 20

vlan 101

vlan 120

vlan 410

exit

conf t

int vlan 20

no shut

ip address 10.0.16.2 255.255.255.0

ipv6 enable

ipv6 address 2200:20:20:0010::2/64

no autostate

int vlan 120

no shut

ip addr 10.1.16.2 255.255.255.0

ipv6 enable

ipv6 address 2200:20:20:0110::2/64

no autostate

int vlan 101

no shut

ip address 10.96.0.2 255.255.255.0

ipv6 enable

ipv6 address 2200:20:20:6000::2/64

no autostate

int f1/0

switchport mode trunk

switchport trunk allowed vlan 1,101,410,1002-1005

int f1/4

switchport mode trunk

switchport trunk allowed vlan 1,101,410,1002-1005

int f1/2

switchport mode trunk

switchport trunk allowed vlan 1,20,101,120,410,1002-1005

```
int f1/15
switchport mode trunk
switchport trunk allowed vlan 1,20,120,410,1002-1005
```

```
end
write
```

```
conf t
```

```
ip routing
ipv6 unicast-routing
```

```
router ospf 1
router-id 10.0.2.0
network 10.0.0.0 0.255.255.255 area 0
passive-interface vlan 20
passive-interface vlan 120
```

```
ipv6 router ospf 1
router-id 10.1.2.0
```

```
int vlan 20
ipv6 ospf 1 area 0
```

```
int vlan 101
ipv6 ospf 1 area 0
```

```
int vlan 120
ipv6 ospf 1 area 0
```

```
end
write
```

```
conf t
```

```
int f1/3
no shut
no switchport
ip address 10.5.0.17 255.255.255.252
ipv6 enable
ipv6 address 2200:20:20:0500::17/126
ipv6 ospf 1 area 0
```

```
end
write
```

```
conf t
service dhcp
int vlan 20
ip helper-address 10.1.0.3
int vlan 101
ip helper-address 10.1.0.3
int vlan 120
ip helper-address 10.1.0.3
```