

# OSPF ONT

## RG-Bridge

, ONT RG-Bridge, :

1.

cross-connect, VLAN, ONT RG-Bridge:

```
profile cross-connect "RG-1221"
outer vid "1221"
exit
```

ports, VLAN, OSPF, multicast, multicast veip :

```
profile ports "OSPF"
igmp multicast dynamic-entry 0 vid "1221"
igmp multicast dynamic-entry 0 group "224.0.0.5" "224.0.0.6"
veip multicast
exit
```

ONT:

```
interface ont 0/3
service 0 profile cross-connect "RG-1221"
service 0 profile dba "dba-00"
profile ports "OSPF"
exit
```

2.

cross-connect, VLAN, ONT RG-Bridge, multicast:

```
profile cross-connect "RG-1221"
outer vid "1221"
type "multicast"
exit
```

ports, multicast veip :

```
profile ports "OSPF"
veip multicast
exit
```

ONT:

```
interface ont 0/3
service 0 profile cross-connect "RG-1221"
service 0 profile dba "dba-00"
profile ports "OSPF"
exit
```

---

## OMCI-Bridge

OSFP OMCI-Bridge ( NTU-1) :

1.

cross-connect, VLAN bridge group:

```

profile cross-connect "OMCI-1221"
bridge
bridge group 10
outer vid "1221"
exit

```

ports, bridge group, multicast multicast , OSPF:

```

profile ports "OSPF-BR"
igmp multicast dynamic-entry 0 vid "1221"
igmp multicast dynamic-entry 0 group "224.0.0.5" "224.0.0.6"
veip multicast
exit

```

ONT:

```

interface ont 0/3
service 0 profile cross-connect "OMCI-1221"
service 0 profile dba "dba-00"
profile ports "OSPF-BR"
exit

```

## 2.

cross-connect, bridge group, multicast:

```

profile cross-connect "OMCI-1221"
bridge
bridge group 10
outer vid "1221"
type "multicast"
exit

```

ports, bridge group, multicast :

```

profile ports "OSPF-BR"
port 0 bridge group 10
port 0 multicast
exit

```

ONT:

```

interface ont 0/3
service 0 profile cross-connect "OMCI-1221"
service 0 profile dba "dba-00"
profile ports "OSPF-BR"
exit

```

single-tagged **QinQ (double-tagged)**, cross-connect ports .

: VLAN 1221 - , VLAN 100 - , ONT WAN **RG-Bridge** VLAN 100:

## 1.

```

profile cross-connect "RG-1221"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
exit

profile ports "OSPF-RG"
igmp multicast dynamic-entry 0 vid "100"
igmp multicast dynamic-entry 0 group "224.0.0.5" "224.0.0.6"
veip multicast
exit

```

2.

```

profile cross-connect "RG-1221"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
type "multicast"
exit

profile ports "OSPF-RG"
veip multicast
exit

```

---

: VLAN 1221 - , VLAN 100 - , ONT WAN **RG-Bridge** VLAN 20:

1.

```

profile cross-connect "RG-1221"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
user vid "20"
exit

profile ports "OSPF-RG"
igmp multicast dynamic-entry 0 vid "20"
igmp multicast dynamic-entry 0 group "224.0.0.5" "224.0.0.6"
veip multicast
exit

```

2.

```

profile cross-connect "RG-1221"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
user vid "20"
type "multicast"
exit

profile ports "OSPF-RG"
veip multicast
exit

```

---

: VLAN 1221 - , VLAN 100 - , ONT **OMCI-Bridge**, LAN ONT (access):

1.

```

profile cross-connect "OMCI-1221"
bridge
bridge group "10"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
exit

profile ports "br10"
igmp multicast dynamic-entry 0 vid "100"
igmp multicast dynamic-entry 0 group "224.0.0.5" "224.0.0.6"
port 0 bridge group "10"
port 0 multicast
exit

```

2.

```

profile cross-connect "OMCI-1221"
bridge
bridge group "10"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
type "multicast"
exit

profile ports "br10"
port 0 bridge group "10"
port 0 multicast
exit

```

---

:VLAN 1221 - ,VLAN 100 - ,ONT **OMCI-Bridge**, LAN ONT 100 (TRUNK):

1.

```

profile cross-connect "OMCI-1221"
bridge
bridge group "10"
tag-mode double-tagged
outer vid "1221"
inner vid "100"
user vid "100"
exit

profile ports "br10"
igmp multicast dynamic-entry 0 vid "100"
igmp multicast dynamic-entry 0 group "224.0.0.5" "224.0.0.6"
port 0 bridge group "10"
port 0 multicast
exit

```

2.

```
profile cross-connect "OMCI-1221"  
bridge  
bridge group "10"  
tag-mode double-tagged  
outer vid "1221"  
inner vid "100"  
user vid "100"  
type "multicast"
```

```
profile ports "br10"  
port 0 bridge group "10"  
port 0 multicast  
exit
```