

Примеры OMSI конфигураций

OLT Huawei

Общая конфигурация

```
ont-srvprofile gpon profile-id 102 profile-name "102"  
  ont-port pots adaptive eth adaptive catv adaptive  
  multicast-forward untag  
  port vlan iphost translation 10 user-vlan 10  
  commit
```

```
ont-lineprofile gpon profile-id 102 profile-name "102"  
  tr069-management enable  
  tcont 0 dba-profile-id 99  
  tcont 1 dba-profile-id 14  
  gem add 1 eth tcont 1  
  gem mapping 1 0 vlan 10  
  commit  
  quit
```

```
ont-srvprofile gpon profile-id 3333 profile-name "SRV-3333"  
  ont-port pots adaptive eth adaptive catv adaptive  
  multicast-forward tag translation 11  
  port vlan iphost translation 10 user-vlan 10  
  port vlan iphost translation 11 user-vlan 11  
  port vlan iphost translation 12 user-vlan 12  
  port vlan iphost translation 14 user-vlan 14  
  port vlan iphost translation 15 user-vlan 15  
  port vlan iphost translation 666 user-vlan 666  
  commit
```

```
ont-lineprofile gpon profile-id 3333 profile-name "line-profile_3333"  
  tr069-management enable  
  tcont 0 dba-profile-id 99  
  tcont 1 dba-profile-id 113  
  tcont 2 dba-profile-id 113  
  tcont 3 dba-profile-id 11  
  gem add 0 eth tcont 1  
  gem add 1 eth tcont 2  
  gem add 2 eth tcont 3  
  gem add 3 eth tcont 2  
  gem add 4 eth tcont 2  
  gem add 5 eth tcont 2  
  gem add 6 eth tcont 3  
  gem add 7 eth tcont 1
```

```
gem mapping 0 0 vlan 10
gem mapping 1 0 vlan 11
gem mapping 2 0 vlan 12
gem mapping 3 0 vlan 9
gem mapping 4 0 vlan 14
gem mapping 5 0 vlan 15
gem mapping 6 0 vlan 666
gem mapping 7 7 vlan 30
commit
```

```
ont-srvprofile gpon profile-id 100 profile-name "5_xxx"
ont-port pots adaptive eth adaptive catv adaptive
multicast-forward untag
port vlan iphost translation 23 user-vlan 23
port vlan iphost translation 30 user-vlan 30
port vlan iphost translation 33 user-vlan 33
port vlan iphost translation 53 user-vlan 53
port vlan iphost translation 105 user-vlan 105
port vlan iphost translation 666 user-vlan 666
commit
```

```
ont-lineprofile gpon profile-id 100 profile-name "5_xxx"
tr069-management enable
tcont 0 dba-profile-id 99
tcont 1 dba-profile-id 11
tcont 2 dba-profile-id 12
tcont 3 dba-profile-id 13
tcont 4 dba-profile-id 14
gem add 1 eth tcont 1
gem add 2 eth tcont 2
gem add 3 eth tcont 3
gem add 4 eth tcont 3
gem add 5 eth tcont 4
gem add 6 eth tcont 4
gem mapping 1 0 vlan 30
gem mapping 2 0 vlan 53
gem mapping 3 0 vlan 33
gem mapping 4 0 vlan 666
gem mapping 5 0 vlan 23
gem mapping 6 0 vlan 105
commit
```

```
ont-srvprofile gpon profile-id 10 profile-name "TSM"
ont-port pots adaptive eth adaptive catv adaptive
multicast-forward untag
port vlan iphost translation 7 user-vlan 7
```

```
port vlan iphost translation 8 user-vlan 8
port vlan iphost translation 9 user-vlan 9
port vlan iphost translation 10 user-vlan 10
port vlan iphost translation 14 user-vlan 14
port vlan iphost translation 15 user-vlan 15
port vlan iphost translation 17 user-vlan 17
port vlan iphost translation 18 user-vlan 18
commit
```

```
ont-lineprofile gpon profile-id 10 profile-name "TSM"
```

```
tr069-management enable
```

```
tcont 0 dba-profile-id 99
```

```
tcont 1 dba-profile-id 20
```

```
tcont 2 dba-profile-id 21
```

```
tcont 3 dba-profile-id 22
```

```
tcont 4 dba-profile-id 23
```

```
gem add 0 eth tcont 1
```

```
gem add 1 eth tcont 2
```

```
gem add 2 eth tcont 4
```

```
gem add 3 eth tcont 4
```

```
gem add 4 eth tcont 2
```

```
gem add 5 eth tcont 2
```

```
gem add 6 eth tcont 2
```

```
gem add 7 eth tcont 2
```

```
gem mapping 0 0 vlan 9
```

```
gem mapping 1 0 vlan 10
```

```
gem mapping 2 0 vlan 7
```

```
gem mapping 3 0 vlan 8
```

```
gem mapping 4 0 vlan 14
```

```
gem mapping 5 0 vlan 15
```

```
gem mapping 6 0 vlan 17
```

```
gem mapping 7 0 vlan 18
```

```
commit
```

```
ont-srvprofile gpon profile-id 120 profile-name "VPN_New"
```

```
ont-port pots adaptive eth adaptive catv adaptive
```

```
multicast-forward untag
```

```
port vlan eth 1 translation 51 user-vlan 51
```

```
port vlan eth 1 translation 52 user-vlan 52
```

```
port vlan eth 2 translation 53 user-vlan 53
```

```
port vlan eth 2 translation 54 user-vlan 54
```

```
port vlan iphost translation 23 user-vlan 23
```

```
port vlan iphost translation 30 user-vlan 30
```

```
commit
```

```
ont-lineprofile gpon profile-id 120 profile-name "VPN_New"
tr069-management enable
tcont 0 dba-profile-id 99
tcont 1 dba-profile-id 11
tcont 3 dba-profile-id 13
tcont 4 dba-profile-id 14
gem add 1 eth tcont 1
gem add 2 eth tcont 3
gem add 3 eth tcont 3
gem add 4 eth tcont 4
gem add 5 eth tcont 4
gem add 6 eth tcont 4
gem add 7 eth tcont 4
gem mapping 1 0 vlan 30
gem mapping 2 0 vlan 666
gem mapping 3 0 vlan 23
gem mapping 4 0 vlan 51
gem mapping 5 0 vlan 52
gem mapping 6 0 vlan 53
gem mapping 7 0 vlan 54
commit
```

```
ont-lineprofile gpon profile-id 127 profile-name "QinQ"
tr069-management enable
tcont 0 dba-profile-id 99
tcont 1 dba-profile-id 113
tcont 2 dba-profile-id 113
gem add 0 eth tcont 1
gem add 1 eth tcont 2
gem add 2 eth tcont 2
gem mapping 0 0 vlan 666
gem mapping 1 0 vlan 54
gem mapping 2 0 vlan 55
commit
quit
```

```
ont-srvprofile gpon profile-id 127 profile-name "QinQ"
ont-port pots adaptive eth adaptive catv adaptive
port q-in-q eth 1 enable
port q-in-q eth 2 enable
port vlan iphost translation 666 user-vlan 666
commit
quit
```

```
ont tr069-server-profile add profile-id 1 profile-name "axiros" url
"http://omci.acs.rt.ru:80/rtk/CPEManager/CPEs/test" user "rtk"
```

Модель AnyPortAnyService

```
ont add 10 0 sn-auth "XXXXXXXXXXXXXXXXXX" omci ont-lineprofile-id 102 ont-srvprofile-id 102 desc "KC_4"
!  
service-port 68959 vlan 268 gpon 0/4/10 ont 0 gemport 1 multi-service user-vlan 10 tag-transform  
translate inbound traffic-table index 10 outbound traffic-table index 10  
!  
igmp user add service-port 68959 no-auth  
igmp multicast-vlan member service-port 68959
```

CVLAN модель

```
ont add 10 0 sn-auth "XXXXXXXXXXXXXXXXXX" omci ont-lineprofile-id 3333 ont-srvprofile-id 3333 desc  
"spb_new_model"  
ont ipconfig 10 0 dhcp vlan 9 priority 7  
!  
service-port 68960 vlan 3952 gpon 0/4/10 ont 0 gemport 0 multi-service user-vlan 10 user-encap pppoe  
tag-transform translate-and-add inner-vlan 1100 inbound traffic-table index 13 outbound traffic-table  
index 13  
service-port 68961 vlan 3952 gpon 0/4/10 ont 0 gemport 1 multi-service user-vlan 11 user-encap ipoe  
tag-transform translate-and-add inner-vlan 1100 inbound traffic-table index 13 outbound traffic-table  
index 13  
service-port 68962 vlan 3952 gpon 0/4/10 ont 0 gemport 2 multi-service user-vlan 12 user-encap ipoe  
tag-transform translate-and-add inner-vlan 1100 inbound traffic-table index 13 outbound traffic-table  
index 13  
service-port 68963 vlan 3952 gpon 0/4/10 ont 0 gemport 3 multi-service user-vlan 9 user-encap ipoe tag-  
transform translate-and-add inner-vlan 9 inbound traffic-table index 13 outbound traffic-table index 13  
service-port 68964 vlan 3952 gpon 0/4/10 ont 0 gemport 4 multi-service user-vlan 14 user-encap ipoe  
tag-transform translate-and-add inner-vlan 62 inbound traffic-table index 13 outbound traffic-table index  
13  
service-port 68965 vlan 4001 gpon 0/4/10 ont 0 gemport 5 multi-service user-vlan 15 user-encap ipoe  
tag-transform translate-and-add inner-vlan 199 inbound traffic-table index 13 outbound traffic-table  
index 13  
!  
igmp user add service-port 68961 no-auth  
igmp multicast-vlan member service-port 68961
```

SVLAN модель

```
ont add 10 0 sn-auth "XXXXXXXXXXXXXXXXXX" omci ont-lineprofile-id 100 ont-srvprofile-id 100 desc "KC_2"  
ont ipconfig 10 0 dhcp vlan 666 priority 7  
ont tr069-server-config 10 0 profile-id 1  
!  
service-port 68966 vlan 702 gpon 0/4/10 ont 0 gemport 1 multi-service user-vlan 30 tag-transform  
translate-and-add inner-vlan 30 inbound traffic-table index 10 outbound traffic-table index 10
```

```

service-port 68967 vlan 3956 gpon 0/4/10 ont 0 gemport 2 multi-service user-vlan 53 tag-transform
translate-and-add inner-vlan 1100 inbound traffic-table index 10 outbound traffic-table index 10
service-port 68968 vlan 267 gpon 0/4/10 ont 0 gemport 3 multi-service user-vlan 33 tag-transform
translate inbound traffic-table index 10 outbound traffic-table index 10
service-port 68969 vlan 666 gpon 0/4/10 ont 0 gemport 4 multi-service user-vlan 666 tag-transform
translate inbound traffic-table index 10 outbound traffic-table index 10
service-port 68970 vlan 268 gpon 0/4/10 ont 0 gemport 5 multi-service user-vlan 23 tag-transform
translate inbound traffic-table index 10 outbound traffic-table index 10
service-port 68971 vlan 3900 gpon 0/4/10 ont 0 gemport 6 multi-service user-vlan 105 tag-transform
translate inbound traffic-table index 10 outbound traffic-table index 10
!
igmp user add service-port 68968 no-auth
igmp user add service-port 68970 no-auth
igmp multicast-vlan member service-port 68968
igmp multicast-vlan member service-port 68970

```

Целевая сервисная модель

```

ont add 10 0 sn-auth "XXXXXXXXXXXXXXXXXX" omci ont-lineprofile-id 10 ont-srvprofile-id 10 desc "TSM"
ont ipconfig 10 0 dhcp vlan 9 priority 7
!
service-port 68972 vlan 3952 gpon 0/4/10 ont 0 gemport 0 multi-service user-vlan 9 user-encap ipoe tag-
transform translate-and-add inner-vlan 9 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68973 vlan 3952 gpon 0/4/10 ont 0 gemport 1 multi-service user-vlan 10 tag-transform
translate-and-add inner-vlan 1100 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68974 vlan 4000 gpon 0/4/10 ont 0 gemport 4 multi-service user-vlan 14 tag-transform
translate-and-add inner-vlan 62 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68975 vlan 3952 gpon 0/4/10 ont 0 gemport 2 multi-service user-vlan 7 tag-transform
translate-and-add inner-vlan 7 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68976 vlan 3952 gpon 0/4/10 ont 0 gemport 3 multi-service user-vlan 8 tag-transform
translate-and-add inner-vlan 1100 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68977 vlan 4001 gpon 0/4/10 ont 0 gemport 5 multi-service user-vlan 15 tag-transform
translate-and-add inner-vlan 199 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68978 vlan 3952 gpon 0/4/10 ont 0 gemport 6 multi-service user-vlan 17 tag-transform
translate-and-add inner-vlan 1100 inbound traffic-table index 6 outbound traffic-table index 6
service-port 68979 vlan 3952 gpon 0/4/10 ont 0 gemport 7 multi-service user-vlan 18 tag-transform
translate-and-add inner-vlan 1100 inbound traffic-table index 6 outbound traffic-table index 6
!
igmp user add service-port 68973no-auth
igmp multicast-vlan member service-port 68973

```

L2VPN

```

ont add 3 99 sn-auth XXXXXXXXXXXXXXXXXXXX omci ont-lineprofile-id 120 ont-srvprofile-id 120 desc "KC_VPN"
ont ipconfig 3 99 dhcp vlan 666 priority 7
ont tr069-server-config 3 99 profile-id 1

```

ont port native-vlan 3 99 eth 1 vlan 51 priority 0

!

service-port vlan 702 gpon 0/4/3 ont 99 gemport 1 multi-service user-vlan 30 tag-transform translate-and-add inner-vlan 30 inbound traffic-table index 10 outbound traffic-table index 10

service-port vlan 666 gpon 0/4/3 ont 99 gemport 2 multi-service user-vlan 666 tag-transform translate inbound traffic-table index 10 outbound traffic-table index 10

service-port vlan 3900 gpon 0/4/3 ont 99 gemport 4 multi-service user-vlan 51 tag-transform translate inbound traffic-table index 10 outbound traffic-table index 10

service-port vlan 3901 gpon 0/4/3 ont 99 gemport 5 multi-service user-vlan 52 tag-transform translate inbound traffic-table index 10 outbound traffic-table index 10

service-port vlan 3902 gpon 0/4/3 ont 99 gemport 6 multi-service user-vlan 53 tag-transform translate inbound traffic-table index 10 outbound traffic-table index 10

service-port vlan 3903 gpon 0/4/3 ont 99 gemport 7 multi-service user-vlan 54 tag-transform translate inbound traffic-table index 10 outbound traffic-table index 10

QinQ

ont add 0 0 sn-auth "49534B546126B6D8" omci ont-lineprofile-id 127 ont-srvprofile-id 127 desc "QinQ"

ont ipconfig 0 0 dhcp vlan 666 priority 6

ont tr069-server-config 0 0 profile-id 1

ont port native-vlan 0 0 eth 1 vlan 54 priority 0

ont port native-vlan 0 0 eth 2 vlan 55 priority 0

!

service-port vlan 666 gpon 0/4/0 ont 0 gemport 0 multi-service user-vlan 666 tag-transform translate inbound traffic-table index 13 outbound traffic-table index 13

service-port vlan 3900 gpon 0/4/0 ont 0 gemport 1 multi-service user-vlan 54 tag-transform translate inbound traffic-table index 13 outbound traffic-table index 13

service-port vlan 3901 gpon 0/4/0 ont 0 gemport 2 multi-service user-vlan 55 tag-transform translate inbound traffic-table index 13 outbound traffic-table index 13

OLT Eltex

Общая конфигурация

```
profile cross-connect "TR_VLAN_666"  
description "TR_VLAN_666"  
outer vid "666"  
outer cos "7"  
type "management"
```

```
profile cross-connect "TR-069"  
tag-mode double-tagged  
outer vid "3952"  
outer cos "7"  
inner vid "9"  
user vid "9"  
user cos "7"  
type "management"
```

```
profile cross-connect "ANY_PORT"  
description "ANY_PORT"  
outer vid "268"  
user vid "10"
```

```
profile cross-connect "PPPoE_VID268"  
description "PPPoE_VID268"  
outer vid "268"  
user vid "23"
```

```
profile cross-connect "IPTV_VID267"  
description "IPTV_VID267"  
outer vid "267"  
user vid "33"
```

```
profile cross-connect "MULTICAST_VID99"  
description "MULTICAST_VID99"  
outer vid "99"  
user vid "99"  
type "multicast"
```

```
profile cross-connect "HSI"  
tag-mode double-tagged  
user vid "10"
```

```
profile cross-connect "IPTV"  
tag-mode double-tagged  
user vid "11"
```


profile cross-connect "VOIP"
tag-mode double-tagged
user vid "12"

profile cross-connect "UVO"
tag-mode double-tagged
inner vid "62"
user vid "14"

profile cross-connect "VPN"
tag-mode double-tagged
user vid "15"

profile cross-connect "VPN_1"
bridge
bridge group "10"
outer vid "3900"

profile cross-connect "VPN_2"
bridge
bridge group "10"
outer vid "3901"
user vid "52"

profile cross-connect "VPN_3"
bridge
bridge group "20"
outer vid "3902"
user vid "53"

profile cross-connect "VPN_4"
bridge
bridge group "20"
outer vid "3903"
user vid "54"

profile cross-connect "IXIA_VID3900"
description "IXIA_VID3900"
outer vid "3900"
inner vid "20"
user vid "105"

profile cross-connect "WiFi"
description ""
tag-mode double-tagged
user vid "7"

```
profile cross-connect "QinQ_uVID53"  
description "QinQ_uVID53"  
tag-mode double-tagged  
outer vid "3952"  
inner vid "110"  
user vid "53"
```

```
profile cross-connect "IMS_URAL_VLAN30"  
description "IMS_URAL_VLAN30"  
tag-mode double-tagged  
outer vid "702"  
inner vid "30"  
user vid "30"
```

```
profile cross-connect Tunnel  
bridge  
bridge group 10  
tag-mode tunnel  
exit
```

```
profile cross-connect Tunnel2  
bridge  
bridge group 20  
tag-mode tunnel  
exit
```

```
profile ports "RG"  
description ""  
igmp version "2"  
igmp multicast dynamic-entry 0 vid "99"  
igmp multicast dynamic-entry 0 group "233.0.0.0" "233.255.255.255"  
igmp multicast dynamic-entry 1 vid "99"  
igmp multicast dynamic-entry 1 group "232.0.0.0" "232.255.255.255"  
igmp multicast dynamic-entry 2 vid "99"  
igmp multicast dynamic-entry 2 group "225.0.0.0" "225.255.255.255"  
veip multicast  
veip upstream vid "11"  
veip upstream tag-control replace-tag  
veip downstream vid "11"  
veip downstream tag-control replace-tag
```

```
profile ports "any_port"  
description "any_port"  
igmp version "2"  
igmp multicast dynamic-entry 0 vid "99"
```

```
igmp multicast dynamic-entry 0 group "225.0.0.0" "239.255.255.255"
veip multicast
veip upstream vid "10"
veip upstream tag-control replace-tag
veip downstream vid "99"
veip downstream tag-control remove-tag
```

```
profile ports "TSM"
description "TSM"
igmp version "2"
igmp multicast dynamic-entry 0 vid "99"
igmp multicast dynamic-entry 0 group "225.0.0.0" "239.255.255.255"
veip multicast
veip upstream vid "10"
veip upstream tag-control add-tag
veip downstream vid "99"
veip downstream tag-control remove-tag
```

```
profile ports "multicast_99_23"
description "multicast_99_23"
igmp version "2"
igmp multicast dynamic-entry 0 vid "99"
igmp multicast dynamic-entry 0 group "233.3.0.0" "239.255.255.255"
igmp multicast dynamic-entry 1 vid "99"
igmp multicast dynamic-entry 1 group "225.0.0.0" "225.255.255.255"
veip multicast
veip upstream vid "23"
veip upstream tag-control replace-tag
veip downstream vid "23"
veip downstream tag-control replace-tag
```

```
profile ports "multicast_99_33"
description "multicast_99_33"
igmp multicast dynamic-entry 0 vid "99"
igmp multicast dynamic-entry 0 group "224.0.0.0" "239.255.255.255"
veip multicast
veip upstream vid "33"
veip upstream tag-control replace-tag
veip downstream vid "33"
veip downstream tag-control replace-tag
```

```
profile ports "VPN"
description "VPN"
igmp version "2"
igmp multicast dynamic-entry 0 vid "266"
igmp multicast dynamic-entry 0 group "224.0.0.0" "239.255.255.255"
```

```
veip multicast
veip upstream vid "266"
veip upstream tag-control replace-tag
port 0 bridge group "10"
port 1 bridge group "20"
```

```
profile ports QinQ
port 0 bridge group 10
port 1 bridge group 20
exit
```

```
profile management "A5"
description "axiros"
url "http://omci.acs.rt.ru:80/rtk/CPManager/CPes/test"
username "rtk"
password "rtk"
```

Модель AnyPortAnyService

```
interface ont 5/4/0
description "KC_4"
serial "XXXXXXXXXXXXXXXXXX"
service 0 profile cross-connect "ANY_PORT"
service 0 profile dba "unlim"
service 1 profile cross-connect "MULTICAST_VID99"
service 1 profile dba "fix_512"
profile ports "any_port"
```

CVLAN модель

```
interface ont 5/4/0
description "spb_new_model"
serial "XXXXXXXXXXXXXXXXXX"
no broadcast-downstream
service 0 profile cross-connect "HSI"
service 0 profile dba "dba_HSI"
service 1 profile cross-connect "IPTV"
service 1 profile dba "dba_IPTV"
service 2 profile cross-connect "VOIP"
service 2 profile dba "dba_VOIP"
service 3 profile cross-connect "TR-069"
service 3 profile dba "dba_TR-069"
service 4 profile cross-connect "UVO"
service 4 profile dba "dba_HSI"
profile ports "RG"
service 0 custom cvid "1300"
```

```

service 0 custom svid "3952"
service 1 custom cvid "1300"
service 1 custom svid "3952"
service 2 custom cvid "1300"
service 2 custom svid "3952"
service 3 custom cvid "9"
service 3 custom svid "3952"
service 4 custom cvid "1300"
service 4 custom svid "3952"

```

SVLAN модель

```

interface ont 5/4/0
description "KC_2"
serial "XXXXXXXXXXXXXXXXXX"
service 0 profile cross-connect "TR_VLAN_666"
service 0 profile dba "assu_1_max_20"
service 1 profile cross-connect "IMS_URAL_VLAN30"
service 1 profile dba "fix_512"
service 2 profile cross-connect "QinQ_uVID53"
service 2 profile dba "assure_30"
service 3 profile cross-connect "IPTV_VID267"
service 3 profile dba "assu_1_max_20"
service 4 profile cross-connect "PPPoE_VID268"
service 4 profile dba "unlim"
service 5 profile cross-connect "IXIA_VID3900"
service 5 profile dba "unlim"
service 6 profile cross-connect "MULTICAST_VID99"
service 6 profile dba "fix_512"
profile ports "multicast_99_23" // profile ports "multicast_99_33"
profile management "A5"
service 2 custom cvid "1300"
service 2 custom svid "3956"

```

Целевая сервисная модель (olt model 1)

```

interface ont 5/4/0
description "TSM"
serial "XXXXXXXXXXXXXXXXXX"
no broadcast-downstream
service 0 profile cross-connect "TR-069"
service 0 profile dba "dba_TR-069"
service 1 profile cross-connect "HSI"
service 1 profile dba "unlim"
service 2 profile cross-connect "WiFi"
service 2 profile dba "unlim"

```

```

service 3 profile cross-connect "IPTV"
service 3 profile dba "unlim"
service 4 profile cross-connect "UVO"
service 4 profile dba "unlim"
service 5 profile cross-connect "VPN"
service 5 profile dba "unlim"
service 6 profile cross-connect "QinQ_uVID53"
service 6 profile dba "unlim"
profile ports "TSM"
service 0 custom cvid "9"
service 0 custom svid "3952"
service 1 custom cvid "1300"
service 1 custom svid "3952"
service 2 custom cvid "7"
service 2 custom svid "3952"
service 3 custom cvid "1300"
service 3 custom svid "3952"
service 4 custom cvid "62"
service 4 custom svid "3952"
service 5 custom cvid "199"
service 5 custom svid "4001"
service 6 custom cvid "1300"
service 6 custom svid "3952"

```

Целевая сервисная модель (olt model 2)

```

interface ont 5/0/4
description "TSM"
serial "XXXXXXXXXXXXXXXXXX"
no broadcast-downstream
service 0 profile cross-connect TR_VLAN_666
service 0 profile dba dba_TR-069
service 1 profile cross-connect HSI
service 1 profile dba unlim
service 2 profile cross-connect WiFi
service 2 profile dba unlim
service 3 profile cross-connect VPN2
service 3 profile dba unlim
service 4 profile cross-connect UVO
service 4 profile dba unlim
service 5 profile cross-connect VPN
service 5 profile dba unlim
service 6 profile cross-connect IPv6_dhcp
service 6 profile dba unlim
profile ports "TSM"
service 1 custom cvid 333
service 1 custom svid 3958

```

```
service 2 custom cvid "7"
service 2 custom svid "3952"
service 3 custom cvid "904"
service 3 custom svid "3952"
service 4 custom cvid "62"
service 4 custom svid "3952"
service 5 custom cvid "199"
service 5 custom svid "4001"
service 6 custom cvid 201
service 6 custom svid 959
```

L2VPN

```
interface ont 5/2/58
serial XXXXXXXXXXXXXXXX
description VPN_test
service 0 profile cross-connect "TR_VLAN_666"
service 0 profile dba "assu_1_max_20"
service 1 profile cross-connect "VPN_1"
service 1 profile dba "unlim"
service 2 profile cross-connect "VPN_2"
service 2 profile dba "unlim"
service 3 profile cross-connect "VPN_3"
service 3 profile dba "unlim"
service 4 profile cross-connect "VPN_4"
service 4 profile dba "unlim"
profile ports "VPN"
profile management "A5"
```

QinQ

```
interface ont 7/0/0
description QinQ
serial 49534B546126B6D8
no broadcast-downstream
service 0 profile cross-connect Tunnel
service 0 profile dba dba_HSI
service 1 profile cross-connect Tunnel2
service 1 profile dba dba_HSI
service 2 profile cross-connect TR_VLAN_666
service 2 profile dba dba_TR-069
profile ports QinQ
service 0 custom svid 3900
service 1 custom svid 3901
profile management A5
```

OLT ZTE (C300)

Общая конфигурация

```
onu-type RT-ONU gpon description RosTelecon-gpon-onu,4ETH,2POTS,1WIFI,1RF
onu-type RT-ONU gpon omci-send-mode sync
onu-type RT-ONU gpon default-multicast-range all-inclusive
onu-type-if RT-ONU eth_0/1
onu-type-if RT-ONU eth_0/2
onu-type-if RT-ONU eth_0/3
onu-type-if RT-ONU eth_0/4
onu-type-if RT-ONU pots_0/1
onu-type-if RT-ONU pots_0/2
onu-type-if RT-ONU rf_0/1
onu-type-if RT-ONU wifi_0/1
onu profile vlan vlntr tag-mode tag cvlan 9 pri 6
onu profile vlan vlntr9 tag-mode tag cvlan 9 pri 6
onu profile vlan vlntr666 tag-mode tag cvlan 666 pri 6
onu profile igmp IPTV version v2
onu profile igmp IPTV non-match-group forward down-tag strip
onu profile igmp iptv2 version v2
onu profile igmp iptv2 down-tag strip
```

Модель AnyPortAnyService

```
inte gpon-olt_1/5/8
onu 11 type RT-ONU sn XXXXXXXXXXXXXXXXX
!
interface gpon-onu_1/5/8:11
sn-bind disable
tcont 1 profile T4-1G
gemport 1 name Service tcont 1
service-port 1 vport 1 user-vlan 10 vlan 268
mvlan-translate 99 to 10 vport 1
!
pon-onu-mng gpon-onu_1/5/8:11
service 1 gemport 1 vlan 10
vlan port veip_1 mode trunk
vlan port veip_1 vlan 10
igmp veip_1 profile IPTV
mvlan 99
!
igmp mvlan 99 receive-port gpon-onu_1/5/8:11 vport 1
```

CVLAN модель

```
inte gpon-olt_1/6/8
```



```

onu 100 type RT-ONU sn XXXXXXXXXXXXXXXX
!
interface gpon-onu_1/6/8:100
sn-bind disable
tcont 1 name TR069 profile up-max-1g
tcont 2 name HSI profile up-max-1g
tcont 3 name IPTV profile T1-fix-10M
tcont 4 name VOIP profile T1-fix-10M
tcont 5 name TG profile T4-max-1G
gemport 1 name TR069 tcont 1
gemport 2 name HSI tcont 2
gemport 3 name IPTV tcont 3
gemport 4 name VOIP tcont 4
gemport 5 name TG tcont 5
service-port 1 vport 1 user-vlan 9 vlan 9 svlan 3952
service-port 2 vport 2 user-vlan 10 vlan 332 svlan 3952
service-port 3 vport 3 user-vlan 11 vlan 332 svlan 3952
service-port 4 vport 4 user-vlan 12 vlan 332 svlan 3952
service-port 5 vport 5 user-vlan 14 vlan 62 svlan 3952
mvlan-translate 99 to 11 vport 3
!
pon-onu-mng gpon-onu_1/6/8:100
service TR gemport 1 vlan 9
service HSI gemport 2 vlan 10
service IPTV gemport 3 vlan 11
service VOIP gemport 4 vlan 12
service TG gemport 5 vlan 14
wan-ip 1 mode dhcp vlan-profile vlantr9 host 1
vlan port veip_1 mode trunk
vlan port veip_1 vlan all
igmp veip_1 profile IPTV
mvlan 99
veip 1 port udp 7547 host 1
tr069-mgmt 1 state unlock
!
igmp mvlan 99 receive-port gpon-onu_1/6/8:100 vport 3

```

SVLAN модель

```

inte gpon-olt_1/5/8
onu 7 type RT-ONU sn XXXXXXXXXXXXXXXX
!
interface gpon-onu_1/5/8:7
sn-bind disable
tcont 1 name HSI profile T4-1G
tcont 2 name IPTV profile T3-0.5M20M

```

```

tcont 3 name VOIP profile T1-10M
tcont 4 name TR069 profile T3-0.5M20M
gemport 1 name HSI tcont 1
gemport 2 name IPTV tcont 2
gemport 3 name VOIP tcont 3
gemport 4 name TR069 tcont 4
service-port 1 vport 1 user-vlan 23 vlan 268
service-port 2 vport 2 user-vlan 33 vlan 267
service-port 3 vport 3 user-vlan 30 vlan 30 svlan 702
service-port 4 vport 4 user-vlan 666 vlan 666
mvlan-translate 99 to 23 vport 1
mvlan-translate 99 to 33 vport 2
!
pon-onu-mng gpon-onu_1/5/8:7
service HSI gemport 1 vlan 23
service IPTV gemport 2 vlan 33
service VoIP gemport 3 vlan 30
service TR069 gemport 4 vlan 666
wan-ip 1 mode dhcp vlan-profile vlan666pri6 host 1
vlan port veip_1 mode trunk
vlan port veip_1 vlan all
igmp veip_1 profile IPTV
mvlan 99
veip 1 port udp 7547 host 1
tr069-mgmt 1 state unlock
tr069-mgmt 1 acs http://omci.acs.rt.ru:80/rtk/CPEManager/CPEs/test validate basic username rtk
password rtk
!
igmp mvlan 99 receive-port gpon-onu_1/5/8:7 vport 1
igmp mvlan 99 receive-port gpon-onu_1/5/8:7 vport 2

```

Целевая сервисная модель

```

inte gpon-olt_1/6/8
onu 99 type RT-ONU sn XXXXXXXXXXXXXXXXX
!
interface gpon-onu_1/6/8:99
sn-bind disable
tcont 1 profile dba-profile_11
tcont 2 profile dba-profile_12
tcont 3 profile dba-profile_14
tcont 4 profile dba-profile_14
tcont 5 profile dba-profile_12
tcont 6 profile dba-profile_12
tcont 7 profile dba-profile_12
tcont 8 profile dba-profile_12

```

```

gemport 1 name TR069 tcont 1
gemport 2 name CSM tcont 2
gemport 3 name wifi1 tcont 3
gemport 4 name wifi2 tcont 4
gemport 5 name UVO tcont 5
gemport 6 name VPN tcont 6
gemport 7 name BRG1 tcont 7
gemport 8 name BRG2 tcont 8
service-port 1 vport 1 user-vlan 9 vlan 9 svlan 3952
service-port 2 vport 2 user-vlan 10 vlan 206 svlan 3958
service-port 3 vport 3 user-vlan 7 vlan 562 svlan 1111
service-port 4 vport 4 user-vlan 8 vlan 563 svlan 1112
service-port 5 vport 5 user-vlan 14 vlan 62 svlan 3952
service-port 6 vport 6 user-vlan 15 vlan 199 svlan 4001
service-port 7 vport 7 user-vlan 17 vlan 564 svlan 1113
service-port 8 vport 8 user-vlan 18 vlan 565 svlan 1114
mvlan-translate 99 to 10 vport 2
!
pon-onu-mng gpon-onu_1/6/8:99
service TR069 gemport 1 vlan 9
service wifi1 gemport 3 vlan 7
service wifi2 gemport 4 vlan 8
service UVO gemport 5 vlan 14
service VPN gemport 6 vlan 15
service BRG1 gemport 7 vlan 17
service BRG2 gemport 8 vlan 18
service CSM gemport 2 vlan 10
wan-ip 1 mode dhcp vlan-profile vlantr host 1
vlan port veip_1 mode trunk
vlan port veip_1 vlan all
igmp veip_1 profile iptv2
mvlan 99
veip 1 port udp 7547 host 1
tr069-mgmt 1 state unlock
tr069-mgmt 1 acs http://omci.acs.rt.ru
!
igmp mvlan 99 receive-port gpon-onu_1/6/8:99 vport 2

```

L2VPN

```

inte gpon-olt_1/6/8
onu 99 type RT-ONU sn 5A544547C8889B70
!
interface gpon-onu_1/6/8:99
sn-bind disable
tcont 1 name TR069 profile up-max-1g

```

```

tcont 2 name TG1 profile up-max-1g
gemport 1 name TR069 tcont 1
gemport 2 name TG1 tcont 2
gemport 3 name TG2 tcont 2
gemport 4 name TG3 tcont 2
gemport 5 name TG4 tcont 2
service-port 1 vport 1 user-vlan 666 vlan 666
service-port 2 vport 2 user-vlan 51 vlan 3900
service-port 3 vport 3 user-vlan 52 vlan 3901
service-port 4 vport 4 user-vlan 53 vlan 3902
service-port 5 vport 5 user-vlan 54 vlan 3903
!
pon-onu-mng gpon-onu_1/6/8:99
service TR069 gemport 1 vlan 666
service TG1 gemport 2 vlan 51
service TG2 gemport 3 vlan 52
service TG3 gemport 4 vlan 53
service TG4 gemport 5 vlan 54
wan-ip 1 mode dhcp vlan-profile vlan666pri6 host 1
vlan port veip_1 mode trunk
vlan port veip_1 vlan all
igmp veip_1 profile IPTV
vlan port eth_0/1 mode hybrid def-vlan 51
vlan port eth_0/2 mode trunk
vlan port eth_0/1 vlan 51-52
vlan port eth_0/2 vlan 53-54
mvlan 99
veip 1 port udp 7547 host 1
tr069-mgmt 1 state unlock
tr069-mgmt 1 acs http://omci.acs.rt.ru:80/rtk/CPEManager/CPEs/test validate basic username rtk
password rtk

```

QinQ

```

interface gpon-olt_1/6/1
onu 2 type RT-ONU sn 49534B546126B6D8
$
interface gpon-onu_1/6/1:2
sn-bind disable
tcont 1 name TG profile T4-1G
gemport 1 name TG tcont 1
gemport 2 name TG2 tcont 1
service-port 1 vport 1 user-vlan 1 vlan 3901
service-port 2 vport 2 user-vlan 1 vlan 3900
service-port 3 vport 1 user-vlan 2 to 4094 svlan 3900
service-port 4 vport 2 user-vlan 2 to 4094 svlan 3901

```

\$

```
pon-onu-mng gpon-onu_1/6/1:2
service TG gemport 1 ethuni eth_0/1
service TG2 gemport 2 ethuni eth_0/2
vlan port eth_0/1 mode hybrid
vlan port eth_0/2 mode hybrid
vlan port eth_0/1 vlan all
vlan port eth_0/2 vlan all
```

OLT ZTE (C650)

Общая конфигурация

```
onu-type RT-ONU gpon description RosTelecon-gpon-onu,4ETH,2POTS,1WIFI omci-send-mode sync
default-multicast-range all-inclusive
onu-type-if RT-ONU eth_0/1
onu-type-if RT-ONU eth_0/2
onu-type-if RT-ONU eth_0/3
onu-type-if RT-ONU eth_0/4
onu-type-if RT-ONU pots_0/1
onu-type-if RT-ONU pots_0/2
onu-type-if RT-ONU wifi_0/1
onu profile vlan VlanTr9 tag-mode tag cvlan 9 pri 6
onu profile vlan VlanTr666 tag-mode tag cvlan 666 pri 6
onu profile igmp IPTV down-tag strip
onu profile igmp IPTV proxy-ip ipv4 0.0.0.0
onu profile igmp IPTV non-match-group forward
```

Модель AnyPortAnyService

```
interface gpon_olt-1/2/6
  onu 2 type RT-ONU sn XXXXXXXXXXXXXXXXXXXX
!
interface gpon_onu-1/2/6:2
  description AnyPort_Activator
  tcont 1 name All_Service profile T4-1G
  gemport 1 name All_Service tcont 1
  performance gemport 1 start
!
pon-onu-mng gpon_onu-1/2/6:2
  mvlan 99
  service All_Service gemport 1 vlan 10
  igmp veip_1 profile IPTV
  vlan port veip_1 mode trunk
  vlan port veip_1 vlan 10
  performance ethuni eth_0/1 start
  performance ethuni eth_0/2 start
  performance ethuni eth_0/3 start
  performance ethuni eth_0/4 start
!
interface vport-1/2/6.2:1
  service-port 1 user-vlan 10 vlan 268
  mvlan-translate 99 to 10
  statistics enable sport 1
!
igmp mvlan 99
```

receive-port vport-1/2/6.2:1

CVLAN модель

```
interface gpon_olt-1/2/6
  onu 1 type RT-ONU sn XXXXXXXXXXXXXXXX
!
interface gpon_onu-1/2/6:1
  description NWT_Activator
  tcont 1 name TR069 profile T1-10M
  tcont 2 name HSI profile T4-1G
  tcont 3 name IPTV profile T1-10M
  tcont 4 name VOIP profile T1-10M
  tcont 5 name UVO profile T4-1G
  tcont 6 name VPN profile T4-1G
  gemport 1 name TR069 tcont 1
  gemport 2 name HSI tcont 2
  gemport 3 name IPTV tcont 3
  gemport 4 name VOIP tcont 4
  gemport 5 name UVO tcont 5
  gemport 6 name VPN tcont 6
  performance gemport 1 start
  performance gemport 3 start
  performance gemport 4 start
  performance gemport 5 start
  performance gemport 2 start
!
pon-onu-mng gpon_onu-1/2/6:1
  mvlan 99
  service TR gemport 1 vlan 9
  service IPTV gemport 3 vlan 11
  service VOIP gemport 4 vlan 12
  service UVO gemport 5 vlan 14
  service VPN gemport 6 vlan 15
  service HSI gemport 2 vlan 10
  igmp veip_1 profile IPTV
  veip 1 port 7547 ipv4 host 1
  wan-ip ipv4 mode dhcp vlan-profile VlanTr9 host 1
  vlan port veip_1 mode trunk
  vlan port veip_1 vlan all
  tr069-mgmt 1 state unlock
  performance ethuni eth_0/1 start
  performance ethuni eth_0/2 start
  performance ethuni eth_0/3 start
  performance ethuni eth_0/4 start
!
```

```

interface vport-1/2/6.1:1
  service-port 1 user-vlan 9 vlan 9 svlan 3952
  statistics enable sport 1
!
interface vport-1/2/6.1:2
  service-port 2 user-vlan 10 vlan 3388 svlan 3952
  statistics enable sport 2
!
interface vport-1/2/6.1:3
  service-port 3 user-vlan 11 vlan 3388 svlan 3952
  mvlan-translate 99 to 11
  statistics enable sport 3
!
igmp mvlan 99
  receive-port vport-1/2/6.1:3
!
interface vport-1/2/6.1:4
  service-port 4 user-vlan 12 vlan 3388 svlan 3952
  statistics enable sport 4
!
interface vport-1/2/6.1:5
  service-port 5 user-vlan 14 vlan 62 svlan 3952
  statistics enable sport 5
!
interface vport-1/2/6.1:6
  service-port 6 user-vlan 15 vlan 199 svlan 4001
  statistics enable sport 6

```

SVLAN модель

```

interface gpon_olt-1/2/6
  onu 3 type RT-ONU sn XXXXXXXXXXXXXXXX
!
interface gpon_onu-1/2/6:3
  description SVLAN_Activator
  tcont 1 name TR069 profile T1-10M
  tcont 2 name HSI profile T4-1G
  tcont 3 name IPTV profile T1-10M
  tcont 4 name VOIP profile T1-10M
  gemport 1 name TR069 tcont 1
  gemport 2 name HSI tcont 2
  gemport 3 name IPTV tcont 3
  gemport 4 name VOIP tcont 4
  performance gemport 1 start
  performance gemport 2 start
  performance gemport 3 start

```



```
performance gemport 4 start
!
pon-onu-mng gpon_onu-1/2/6:3
mvlan 99
service TR gemport 1 vlan 666
service HSI gemport 2 vlan 23
service IPTV gemport 3 vlan 33
service VOIP gemport 4 vlan 30
igmp veip_1 profile IPTV
veip 1 port 7547 ipv4 host 1
wan-ip ipv4 mode dhcp vlan-profile VlanTr666 host 1
vlan port veip_1 mode trunk
vlan port veip_1 vlan all
tr069-mgmt 1 state unlock acs http://omci.acs.rt.ru:80/rtk/CPEManager/CPEs/test validate basic
username rtk password rtk
performance ethuni eth_0/1 start
performance ethuni eth_0/2 start
performance ethuni eth_0/3 start
performance ethuni eth_0/4 start
!
interface vport-1/2/6.3:1
service-port 1 user-vlan 666 vlan 666
statistics enable sport 1
!
interface vport-1/2/6.3:2
service-port 2 user-vlan 23 vlan 268
mvlan-translate 99 to 23
statistics enable sport 2
!
igmp mvlan 99
receive-port vport-1/2/6.3:2
!
interface vport-1/2/6.3:3
service-port 3 user-vlan 33 vlan 267
mvlan-translate 99 to 33
statistics enable sport 3
!
igmp mvlan 99
receive-port vport-1/2/6.3:3
!
interface vport-1/2/6.3:4
service-port 4 user-vlan 30 vlan 30 svlan 3952
statistics enable sport 4
!
```

Целевая сервисная модель

```
interface gpon_olt-1/2/6
  onu 4 type RT-ONU sn XXXXXXXXXXXXXXXX
!
interface gpon_onu-1/2/6:4
  description TSM_Activator
  tcont 1 name TR069 profile T1-10M
  tcont 2 name CSM profile T4-1G
  tcont 3 name wifi1 profile T4-1G
  tcont 4 name wifi2 profile T4-1G
  tcont 5 name UVO profile T4-1G
  tcont 6 name VPN profile T4-1G
  tcont 7 name BRG1 profile T4-1G
  tcont 8 name BRG2 profile T4-1G
  gemport 1 name TR069 tcont 1
  gemport 2 name CSM tcont 2
  gemport 3 name wifi1 tcont 3
  gemport 4 name wifi2 tcont 4
  gemport 5 name UVO tcont 5
  gemport 6 name VPN tcont 6
  gemport 7 name BRG1 tcont 7
  gemport 8 name BRG2 tcont 8
  performance gemport 1 start
  performance gemport 2 start
  performance gemport 3 start
  performance gemport 4 start
  performance gemport 5 start
  performance gemport 6 start
  performance gemport 7 start
  performance gemport 8 start
!
pon-onu-mng gpon_onu-1/2/6:4
  mvlan 99
  service TR gemport 1 vlan 9
  service HSI gemport 2 vlan 10
  service wifi1 gemport 3 vlan 7
  service wifi2 gemport 4 vlan 8
  service UVO gemport 5 vlan 14
  service VPN gemport 6 vlan 15
  service BRG1 gemport 7 vlan 17
  service BRG2 gemport 8 vlan 18
  igmp veip_1 profile IPTV
  veip 1 port 7547 ipv4 host 1
  wan-ip ipv4 mode dhcp vlan-profile VlanTr9 host 1
  vlan port veip_1 mode trunk
```

```
vlan port veip_1 vlan all
tr069-mgmt 1 state unlock
performance ethuni eth_0/1 start
performance ethuni eth_0/2 start
performance ethuni eth_0/3 start
performance ethuni eth_0/4 start
!
interface vport-1/2/6.4:1
  service-port 1 user-vlan 9 vlan 4040 svlan 702
  statistics enable sport 1
!
interface vport-1/2/6.4:2
  service-port 2 user-vlan 10 vlan 208 svlan 3958
  mvlan-translate 99 to 10
  statistics enable sport 2
!
igmp mvlan 99
  receive-port vport-1/2/6.4:2
!
interface vport-1/2/6.4:3
  service-port 3 user-vlan 7 vlan 562 svlan 1111
  statistics enable sport 3
!
interface vport-1/2/6.4:4
  service-port 4 user-vlan 8 vlan 563 svlan 1112
  statistics enable sport 4
!
interface vport-1/2/6.4:5
  service-port 5 user-vlan 14 vlan 62 svlan 3952
  statistics enable sport 5
!
interface vport-1/2/6.4:6
  service-port 6 user-vlan 15 vlan 199 svlan 4001
  statistics enable sport 6
!
interface vport-1/2/6.4:7
  service-port 7 user-vlan 17 vlan 208 svlan 959
  statistics enable sport 7
!
interface vport-1/2/6.4:8
  service-port 8 user-vlan 18 vlan 565 svlan 1114
  statistics enable sport 8
```

L2VPN

```
interface gpon_olt-1/4/1
  onu 48 type RT-ONU sn XXXXXXXXXXXXXXXXX
!
interface gpon_onu-1/4/1:48
  description VPN_Activator
  tcont 1 name TR069 profile T1-10M
  tcont 2 name TG profile T4-1G
  gemport 1 name TR069 tcont 1
  gemport 2 name TG1 tcont 2
  gemport 3 name TG2 tcont 2
  gemport 4 name TG3 tcont 2
  gemport 5 name TG4 tcont 2
  gemport 6 name VoIP tcont 1
  performance gemport 1 start
  performance gemport 2 start
  performance gemport 3 start
  performance gemport 4 start
  performance gemport 5 start
  performance gemport 6 start
!
pon-onu-mng gpon_onu-1/4/1:48
  mvlan 99
  service TR gemport 1 vlan 666
  service TG1 gemport 2 vlan 51
  service TG2 gemport 3 vlan 52
  service TG3 gemport 4 vlan 53
  service TG4 gemport 5 vlan 54
  service VoIP gemport 6 vlan 30
  igmp veip_1 profile IPTV
  veip 1 port 7547 ipv4 host 1
  wan-ip ipv4 mode dhcp vlan-profile VlanTr666 host 1
  vlan port veip_1 mode trunk
  vlan port eth_0/1 mode hybrid def-vlan 51
  vlan port eth_0/2 mode trunk
  vlan port veip_1 vlan all
  vlan port eth_0/1 vlan 51-52
  vlan port eth_0/2 vlan 53-54
  tr069-mgmt 1 state unlock acs http://omci.acs.rt.ru:80/rtk/CPEManager/CPEs/test validate basic
  username rtk password rtk
  performance ethuni eth_0/1 start
  performance ethuni eth_0/2 start
  performance ethuni eth_0/3 start
  performance ethuni eth_0/4 start
!
```

```

interface vport-1/4/1.48:1
  service-port 1 user-vlan 666 vlan 666
  statistics enable sport 1
!
interface vport-1/4/1.48:2
  service-port 2 user-vlan 51 vlan 3900
  statistics enable sport 2
!
interface vport-1/4/1.48:3
  service-port 3 user-vlan 52 vlan 3901
  statistics enable sport 3
!
interface vport-1/4/1.48:4
  service-port 4 user-vlan 53 vlan 3902
  statistics enable sport 4
!
interface vport-1/4/1.48:5
  service-port 5 user-vlan 54 vlan 3903
  statistics enable sport 5
!
interface vport-1/4/1.48:6
  service-port 6 user-vlan 30 vlan 30 svlan 3952
  statistics enable sport 6

```

QinQ

```

interface gpon_olt-1/2/11
onu 2 type RT-ONU sn 49534B546126B6D8
$
interface gpon_onu-1/2/11:2
  tcont 1 name TG profile MAX
  tcont 2 name TR profile MAX
  gemport 1 name TG tcont 1
  gemport 2 name TG2 tcont 1
  gemport 3 name TR tcont 2
$
pon-onu-mng gpon_onu-1/2/11:2
  service TG gemport 1 ethuni eth_0/1
  service TG2 gemport 2 ethuni eth_0/2
  service TR gemport 3 vlan 666
  veip 1 port 7547 ipv4 host 1
  wan-ip ipv4 mode dhcp vlan-profile VlanTr666 host 1
  vlan port eth_0/1 mode hybrid
  vlan port eth_0/2 mode hybrid
  vlan port eth_0/1 vlan all
  vlan port eth_0/2 vlan all

```

```
vlan port veip_1 mode trunk
vlan port veip_1 vlan all
tr069-mgmt 1 state unlock acs http://omci.acs.rt.ru:80/rtk/CPManager/CPes/test validate basic
username rtk password rtk
$
interface vport-1/2/11.2:1
service-port 1 user-vlan 1 vlan 3900
service-port 2 user-begin-vlan 2 user-end-vlan 4094 svlan 3900
$
interface vport-1/2/11.2:2
service-port 3 user-vlan 1 vlan 3901
service-port 4 user-begin-vlan 2 user-end-vlan 4094 svlan 3901
$
interface vport-1/2/11.2:3
service-port 5 user-vlan 666 vlan 666
$
```