

# GREP

```
Grep — , , . .  
LTP-N; LTX , , , .
```

```
"|". . : include; exclude; begin.  
: context case-sensitive, . :
```

```
<_> | <_> <_> <1> <2>
```

```
include , , .  
, NTX :
```

```
LTX-16# show interface ont 1-16 connected | include NTX  
1 16 1 ELTX6F0000ED OK -22.84 NTX-  
1 1.1.0.1016
```

```
exclude , , .  
, , tacacs, :
```

```
LTX-16# show running-config aaa all | exclude tacacs  
aaa  
no enable  
no authentication  
no authorization  
no accounting  
service name "shell"  
service protocol ""  
radius-server host 0.0.0.0 priority 1 port 1812 encrypted-key INeLg+u/04f timeout 3  
radius-server host 0.0.0.0 priority 1 port 1812 encrypted-key INeLg+u/04f timeout 3  
radius-server host 0.0.0.0 priority 1 port 1812 encrypted-key INeLg+u/04f timeout 3  
exit
```

```
begin , , .  
, , ONT 16/1:
```

```
LTX-16# show log buffer | begin 16/1  
31 May 18:04:37 NOTICE FSM-PON - ONT 16/1 activation: OK  
31 May 18:04:37 WARN DATAPATH SRV - handle_request took 14 seconds (1011)  
31 May 18:04:37 NOTICE DNA BCM-API - ONT 16/1 state setting 1: OK  
31 May 18:04:37 NOTICE DNA BCM-API - XGPON ONT 16/1 activation: OK  
31 May 18:04:37 DEBUG ONT 16/1 - ONT_AUTH: OK [fsm_pon_ont.c:ont_auth_activation_ok:1163]  
31 May 18:04:37 DEBUG ONT 16/1 - ONT_MIB_UPLOAD:ingress [fsm_pon_ont.c:ont_mib_upload_ingress:3495]  
31 May 18:04:42 INFO ONT 16/1 - MIB RESET: OK  
31 May 18:04:43 INFO ONT 16/1 - MIB UPLOAD - Number of subsequent commands: 663  
...
```

```
case-sensitive, . :
```

```

LTX-16# show log buffer | include DATAPATH
02 Jun 12:02:18 NOTICE DATAPATH SRV - Datapath service started
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_CONFIG:config olt datapath [fsm_pon_ont.c:ont_config_olt_datapath:1364]
02 Jun 12:03:00 NOTICE ONT 16/1 - OLT side datapath configured.
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_COMMON:ingress [fsm_pon_ont.c:ont_datapath_common__ingress:1431]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GAL Ethernet profile [ont_datapath_common.c:ont_datapath_common__omci_create_gal:41]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GEM Port Network CTP for BC [ont_datapath_common.c:ont_datapath_common__omci_create_gem_port_bc:76]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GEM port performance monitoring history data for BC [ont_datapath_common.c:ont_datapath_common__omci_create_gem_pm_bc:264]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GEM port network CTP performance monitoring history data for BC [ont_datapath_common.c:ont_datapath_common__omci_create_gem_nctp_pm_bc:333]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GEM Interworking Termination point for BC [ont_datapath_common.c:ont_datapath_common__omci_create_iwtp_bc:125]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GAL Ethernet performance monitoring history data for broadcast [ont_datapath_common.c:ont_datapath_common__omci_create_gal_eth_pm_bc:439]
02 Jun 12:03:00 DEBUG ONT 16/1 - omci_recv_message return unknown entity for OMCI_ENT_GAL_ETHERNET_PM_HISTORY_DATA [ont_datapath_utilities.c:check_omci_response_of_create_type:94]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create FEC performance monitoring history data [ont_datapath_common.c:ont_datapath_common__omci_create_fec_pm:404]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_BRIDGES:ingress [fsm_pon_ont.c:ont_datapath_bridges__ingress:1641]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create MAC bridge service profile (phase = 0) [ont_datapath_bridges.c:ont_datapath_bridges__omci_create_mac_bridge_sp:36]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create MAC Bridge Port Configuration Data for BC (phase = 0) [ont_datapath_bridges.c:ont_datapath_bridges__omci_create_mac_bridge_pcd_bc:82]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create VLAN tagging filter data for BC (phase = 0) [ont_datapath_bridges.c:ont_datapath_bridges__omci_create_bridge_bc_filter:135]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_ANI_SIDE:ingress [fsm_pon_ont.c:ont_datapath_ani_side__ingress:1890]
...

LTX-16# show log buffer | include DATAPATH case-sensitive
02 Jun 12:02:18 NOTICE DATAPATH SRV - Datapath service started
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_COMMON:ingress [fsm_pon_ont.c:ont_datapath_common__ingress:1431]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_BRIDGES:ingress [fsm_pon_ont.c:ont_datapath_bridges__ingress:1641]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_ANI_SIDE:ingress [fsm_pon_ont.c:ont_datapath_ani_side__ingress:1890]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_UNI_SIDE:ingress [fsm_pon_ont.c:ont_datapath_uni_side__ingress:2219]
LTX-16#

```

context, 0 25 , .:

```

LTX-16# show running-config | include 1101
    outer vid 1101
    vlan 1101
        name "VLAN1101"
LTX-16#
LTX-16# show running-config | include 1101 context 10
management ip 192.168.10.158
management mask 255.255.240.0
management gateway 192.168.2.1
management vid 3470
logging
    module dna interface ont 16/1 loglevel debug
    permanent
    file loglevel debug
exit
profile cross-connect ppp
    outer vid 1101
    user vid 10
exit
profile cross-connect q
    ont-mode bridge
    bridge group 10
    outer vid 1102
    multicast enable
exit
profile dba G
    pon-type gpon
--
    snooping enable vlan 1-4094
    relay server-ip 192.168.10.60 vid 3470
exit
ip pppoe
    snooping enable
exit
vlan 1061
    name "VLAN1061"
    ip interface address 192.168.56.10 mask 255.255.255.0
exit
vlan 1101
    name "VLAN1101"
    ip interface management access allow
    ip interface address 192.168.101.30 mask 255.255.255.0
exit
vlan 1102
    name "VLAN1102"
    ip interface address 192.168.102.30 mask 255.255.255.0
exit
vlan 1103
    name "VLAN1103"
exit
LTX-16#

```

, . :

```

LTX-16# show log buffer | include DATAPATH case-sensitive context 2
bcm686xx 0001:01:00.0: BAR 2: set to [mem 0xd0000000-0xd1ffffff 64bit] (PCI address [0xd0000000-0xd1ffffff])
_bcmtr_proxy_rx_task_handler: pcie_proxy_rx0-api - started
02 Jun 12:02:18 NOTICE DATAPATH SRV - Datapath service started
02 Jun 12:02:18 NOTICE DNA BCM-API - front-port 2 has changed link status from down to up
02 Jun 12:02:19 NOTICE DNA - front-port 2 changed state to active_working
--
02 Jun 12:03:00 DEBUG ONT 16/1 - Available bandwidth: Limit: 1244160000; Total: 1226752000; Next ONU:
1226752000; CBR: 776496000 [olt_data_path.c:olt_data_path__configure_unsafe:528]
02 Jun 12:03:00 DEBUG ONT 16/1 - OLT side datapath configured.
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_COMMON:ingress [fsm_pon_ont.c:
ont_datapath_common__ingress:1431]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GAL Ethernet profile [ont_datapath_common.c:
ont_datapath_common__omci_create_gal:41]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GEM Port Network CTP for BC [ont_datapath_common.c:
ont_datapath_common__omci_create_gem_port_bc:76]
--
02 Jun 12:03:00 DEBUG ONT 16/1 - omci_recv_message return unknown entity for
OMCI_ENT_GAL_ETHERNET_PM_HISTORY_DATA [ont_datapath_utilities.c:check_omci_response_of_create_type:94]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create FEC performance monitoring history data [ont_datapath_common.c:
ont_datapath_common__omci_create_fec_pm:404]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_BRIDGES:ingress [fsm_pon_ont.c:
ont_datapath_bridges__ingress:1641]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create MAC bridge service profile (phase = 0) [ont_datapath_bridges.c:
ont_datapath_bridges__omci_create_mac_bridge_sp:36]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create MAC Bridge Port Configuration Data for BC (phase = 0)
[ont_datapath_bridges.c:ont_datapath_bridges__omci_create_mac_bridge_pcd_bc:82]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create VLAN tagging filter data for BC (phase = 0)
[ont_datapath_bridges.c:ont_datapath_bridges__omci_create_bridge_bc_filter:135]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_ANI_SIDE:ingress [fsm_pon_ont.c:
ont_datapath_anl_side__ingress:1890]
02 Jun 12:03:00 DEBUG ONT 16/1 - Set T-CONT (service = 0) [ont_datapath_anl_side.c:
ont_datapath_anl_side__omci_set_t_cont:112]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create GEM port Network CTP (service = 0) [ont_datapath_anl_side.c:
ont_datapath_anl_side__omci_create_gem_ctp:218]
--
02 Jun 12:03:00 DEBUG ONT 16/1 - Create MAC bridge PCD (service = 0) [ont_datapath_anl_side.c:
ont_datapath_anl_side__omci_create_mac_bridge_pcd:299]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create VLAN tagging filter data (service = 0) [ont_datapath_anl_side.c:
ont_datapath_anl_side__omci_create_vlan_tagging_filter:373]
02 Jun 12:03:00 DEBUG ONT 16/1 - ONT_DATAPATH_UNI_SIDE:ingress [fsm_pon_ont.c:
ont_datapath_uni_side__ingress:2219]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create Ethernet performance monitoring history data (port - 1)
[ont_datapath_uni_side.c:ont_datapath_uni_side__omci_create_eth_pm:377]
02 Jun 12:03:00 DEBUG ONT 16/1 - Create Ethernet performance monitoring history data 2 (port - 1)
[ont_datapath_uni_side.c:ont_datapath_uni_side__omci_create_eth_pm_2:411]

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- [\[LTP-N, LTX\] management](#)
- [GREP](#)
- [\[LTP-N, LTX\] multicast ONT](#)
- [\[LTP-N\]\[SNMP\] mac-table-limit](#)
- [\[LTP-N, LTX\] mac-table-limit](#)