59- Uni Ont Configuration Commands

59.1 Uni Ont Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "Uni Ont Configuration Commands".

Command Tree

```
----configure
    ----uni
        ----ont
            ----video
                - (ont-index)
                - [no] pwr-override
                - [no] service-timer
                - [no] admin-state
            ----tc-layer
                - (ont-index)
                - [no] pm-collect
```

59.2 Uni Ont Video Configuration Command

Command Description

This command allows the operator to configure a uni ont video.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> configure uni ont video (ont-index) [[no] pwr-override] [no service-timer | service-timer <Gpon::UniServiceTimer>] [no admin-state | admin-state <Gpon::UniAdminState>]

Command Parameters

Table 59.2-1 "Uni Ont Video Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(ont-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPortId> | ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPortId>) Possible values: - ng2 : ngpon2 style identification Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId> - the LT slot number Field type <Eqpt::PonId> - the PON identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Eqpt::OntId> - the ONT identifier Field type <Ng2::OntId> - the ONT identifier Field type <Gpon::OntSlotId> - Gpon Ont Slot - range: [1...14]	gpon ont index

Resource Identifier	Type	Description
	Field type <Gpon::OntPortId> - Gpon Ont Port - range: [1...16]	

Table 59.2-2 "Uni Ont Video Configuration Command" Command Parameters

Parameter	Type	Description
[no] pwr-override	Parameter type: boolean	*optional parameter* exclude the port from video overlay class power shedding
[no] service-timer	Parameter type: <Gpon::UniServiceTimer> Format: - RF service timer in hours. - unit: hour - range: [-1,0...48]	*optional parameter with default value: -1* RF service timer in hours.
[no] admin-state	Parameter type: <Gpon::UniAdminState> Format: (unlocked | locked) Possible values: - unlocked : activates the video port - locked : deactivates the video port	*optional parameter with default value: "locked"* administrative state of the video port

Command Output

Table 59.2-3 "Uni Ont Video Configuration Command" Display parameters

Specific Information		
name	Type	Description
oper-state	Parameter type: <Gpon::UniOperState> (enabled | disabled | unknown) Possible values: - enabled : enable the port - disabled : disable the port - unknown : unknown state	operational state of the video port *This element is always shown.*

59.3 Uni Ont TC layer Ccounters Configuration Command

Command Description

This command allows the operator to configure a uni ont tc layer counters.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> configure uni ont tc-layer (ont-index) [no pm-collect | pm-collect <Gpon::UniPmCollect>]

Command Parameters

Table 59.3-1 "Uni Ont TC layer Ccounters Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(ont-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPortId> | ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPortId>) Possible values: - ng2 : ngpon2 style identification Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId> - the LT slot number Field type <Eqpt::PonId> - the PON identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Eqpt::OntId> - the ONT identifier Field type <Ng2::OntId> - the ONT identifier Field type <Gpon::OntSlotId>	gpon ont index

Resource Identifier	Type	Description
	- Gpon Ont Slot - range: [1...14] Field type <Gpon::OntPortId> - Gpon Ont Port - range: [1...16]	

Table 59.3-2 "Uni Ont TC layer Ccounters Configuration Command" Command Parameters

Parameter	Type	Description
[no] pm-collect	Parameter type: <Gpon::UniPmCollect> Format: (disable | enable) Possible values: - disable : disable the gem-port performance monitors - enable : enable the gem-port performance monitors	*optional parameter with default value: "disable"* enable/disable TC Layer Performance monitors