50- Trouble-Shooting Pon Interface Configuration Command

50.1 Trouble-Shooting Pon Interface Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "Trouble-Shooting Pon Interface Configuration Command".

Command Tree

```
----configure
    ----trouble-shooting
        ----pon
            ----statistics
                ----[no] interface
                    - (if-index)
                ----threshold
                    - [no] interval
                    ----interface
                        - (if-index)
                        - [no] bw-th-up
                        - [no] bw-th-dn
```

50.2 Trouble-shooting Pon Interface Configuration Commands

Command Description

This command allows the operator to enable or disable the extensive trouble-shooting counters over a Pon Line.

User Level

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

Command Syntax

The command has the following syntax:

> configure trouble-shooting pon statistics (no interface (if-index)) | (interface (if-index))

Command Parameters

Table 50.2-1 "Trouble-shooting Pon Interface Configuration Commands" Resource Parameters

Resource Identifier	Type	Description
(if-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> | x-pon : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::XPonId> | 25g-pon : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::M25GPonId>) Possible values: - 25g-pon : 25g-pon - x-pon : xgs-pon 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 <Eqpt::XPonId> - the XGS PON identifier Field type <Eqpt::M25GPonId> - the 25G PON identifier	interface index of the pon port

50.3 Trouble-Shooting threshold Configuration Commands

Command Description

This command is to configure the ethernet traffic tca detect interval

User Level

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

Command Syntax

The command has the following syntax:

> configure trouble-shooting pon statistics threshold [no interval | interval <Gpon::TcaDetectIntval>]

Command Parameters

Table 50.3-2 "Trouble-Shooting threshold Configuration Commands" Command Parameters

Parameter	Type	Description
[no] interval	Parameter type: <Gpon::TcaDetectIntval> Format: - ethernet traffic tca detect interval for pon in second - range: [60...86400]	*optional parameter with default value: "300"* ethernet traffic tca detect interval for pon in second

50.4 Trouble shooting Configuration Command

Command Description

This command is to configure the pon threshold of bytes up or down.

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 trouble-shooting pon statistics threshold interface (if-index) [no bw-th-up | bw-th-up <Gpon::TrbstBwThUp>] [no bw-th-dn | bw-th-dn <Gpon::TrbstBwThDn>]

Command Parameters

Table 50.4-1 "Trouble shooting Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(if-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> | x-pon : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::XPonId> | 25g-pon : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::M25GPonId>) Possible values: - 25g-pon : 25g-pon - x-pon : xgs-pon 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 <Eqpt::XPonId> - the XGS PON identifier Field type <Eqpt::M25GPonId> - the 25G PON identifier	interface index of the pon port

Table 50.4-2 "Trouble shooting Configuration Command" Command Parameters

Parameter	Type	Description
[no] bw-th-up	Parameter type: <Gpon::TrbstBwThUp> Format:	*optional parameter with default value: "0"*

Parameter	Type	Description
	- the attribute is used to specify the average rate threshold in kbps for upstream traffic,0 is disable - range: [0...4294967295]	the attribute is used to specify the average rate threshold in kbps for upstream traffic,0 is disable
[no] bw-th-dn	Parameter type: <Gpon::TrbstBwThDn> Format: - the attribute is used to specify the average rate threshold in kbps for downstream traffic,0 is disable - range: [0...4294967295]	*optional parameter with default value: "0"* the attribute is used to specify the average rate threshold in kbps for downstream traffic,0 is disable