48- Trouble-Shooting Configuration Commands

48.1 Trouble-Shooting Configuration Command Tree

Description

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

Command Tree

```
----configure
    ----trouble-shooting
        ----statistics
            ----[no] interface
                - (if-index)
```

48.2 Trouble-shooting Interface Configuration Commands

Command Description

This command allows the operator to enable or disable the extensive trouble-shooting counters.

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 statistics (no interface (if-index)) | (interface (if-index))

Command Parameters

Table 48.2-1 "Trouble-shooting Interface Configuration Commands" Resource Parameters

Resource Identifier	Type	Description
(if-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> | <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> | <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / voip | <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni | uni:ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> | chpair : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::ChannelPairId> | vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> | vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> | vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> :	interface index of the port

Resource Identifier	Type	Description
	<Eqpt::UnstackedVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / voip : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / voip : <Eqpt::UnstackedVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni : <Eqpt::UnstackedVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::LLId> : <Eqpt::UnstackedVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::LLId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::UnstackedVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpiId> : <Eqpt::VciId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>	
	| vlanport : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpiId> : <Eqpt::VciId> : <Eqpt::UnstackedVlan>)	
	Possible values:	
	- uni:ng2 : ng2 uni index	
	- chpair : channel pair index	
	- vlanport : vlan port	
	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::PortId>	
	- the port number	
	Field type <Eqpt::VpiId>	
	- atm VPI	
	Field type <Eqpt::VciId>	
	- atm VCI	
	Field type <Eqpt::PonId>	
	- the PON identifier	
	Field type <Eqpt::OntId>	
	- the ONT identifier	
	Possible values:	
	- voip : virtual uni identifier	
	obsolete alternative replaced by vuni	
	- vuni : virtual uni identifier	
	Field type <Eqpt::OntSlotId>	
	- the ONT SLOT identifier	
	Field type <Eqpt::OntPortId>	
	- the ONT PORT identifier	
	Field type <Eqpt::LLId>	
	- the LLID identifier,range 1 for EPON,range 1-8 for DPOE	

Resource Identifier	Type	Description
	Field type <Eqpt::ChannelPairId> - the channel pair identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Possible values: - stacked : stacked vlan identity Field type <Eqpt::UnstackedVlan> - unstacked vlan id Field type <Eqpt::SVlan> - service vlan id Field type <Eqpt::CVlan> - customer vlan id Possible values: - vuni : virtual NGPON2 uni identifier Field type <Eqpt::Ng2OntSlotId> - the NGPON2 ONT SLOT identifier Field type <Eqpt::Ng2OntPortId> - the NGPON2 ONT PORT identifier	