

197- Trouble-Shooting Management Commands

197.1 Trouble-Shooting Management Command Tree
197.2 Trouble-shooting pbit counter Interface Management
Commands

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197.1 Trouble-Shooting Management Command Tree

Description

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

Command Tree

```
----admin
  ----trouble-shooting
    ----pbit
      ----interface
        - (if-index)
        - (clear-statistics)
```

197.2 Trouble-shooting pbit counter Interface Management Commands

Command Description

This command allows the operator to reset pbit 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:

```
> admin trouble-shooting pbit interface (if-index) (clear-statistics)
```

Command Parameters

Table 197.2-1 "Trouble-shooting pbit counter Interface Management 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 vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> : <Eqpt::UnstackedVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / voip : <Eqpt::UnstackedVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni : <Eqpt::UnstackedVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> /	interface index of the bridge port or vlan port

Resource Identifier	Type	Description
	<pre> <Eqpt::PonId> / <Eqpt::OntId> / voip : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpId> : <Eqpt::VciId> : <Eqpt::UnstackedVlan> vlan : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpId> : <Eqpt::VciId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> uni.ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> vlan.ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> : <Eqpt::UnstackedVlan> vlan.ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan> uni.ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / vuni) Possible values: - vlan : vlan - uni.ng2 : ngpon2 UNI style identification - vlan.ng2 : ngpon2 vlan 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::VpId> - atm VPI Field type <Eqpt::VciId> - atm VCI Field type <Eqpt::PonId> - the PON identifier Field type <Eqpt::ChannelGroupId> - the channel group identifier Field type <Eqpt::SubChannelGroupId> - the subchannel group identifier Field type <Eqpt::OntId> - the ONT identifier Field type <Eqpt::Ng2OntId> - the NG2 ONT identifier Possible values: - voip : virtual uni identifier obsolete alternative replaced by vuni - vuni : virtual uni identifier Possible values: - vuni : virtual NGPON2 uni identifier Field type <Eqpt::OntSlotId> </pre>	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - the ONT SLOT identifier Field type <Eqpt::OntPortId> - the ONT PORT identifier Field type <Eqpt::Ng2OntSlotId> - the NGPON2 ONT SLOT identifier Field type <Eqpt::Ng2OntPortId> - the NGPON2 ONT PORT identifier Possible values: <ul style="list-style-type: none"> - 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 	

Table 197.2-2 "Trouble-shooting pbit counter Interface Management Commands" Command Parameters

Parameter	Type	Description
(clear-statistics)	Format: clear-statistics Possible values: - clear-statistics : reset trouble-shooting counters	<i>optional parameter</i> optional parameter reset all trouble-shooting counters