

228- *Security Management Commands*

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228.1 Security Management Command Tree

Description

This chapter gives an overview of nodes that are handled by "Security Management Commands".

Command Tree

```
----admin
  ----security
    ----mac-diag
      - (port)
      - mac-addr
      - (clear-statistics)
```

228.2 Security 802.1x Port Authentication Management Command

Command Description

This command allows the operator to manage a port or virtual channel in the scope of 802.1x authentication.

User Level

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

Command Syntax

The command has the following syntax:

```
> admin security mac-diaq (port) mac-addr <Vlan::MacAddr> [ (clear-statistics) ]
```

Command Parameters

Table 228.2-1 "Security 802.1x Port Authentication Management Command" Resource Parameters

Resource Identifier	Type	Description
(port)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpiId> : <Eqpt::VciId> <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 <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::LLId> ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / vuni) Possible values: - ng2 : ngpon2 style identification Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId>	identification of the port or virtual channel

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - 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::ChannelGroupId> - the channel group identifier Field type <Eqpt::SubChannelGroupId> - the subchannel group identifier Field type <Eqpt::PonId> - the PON 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> - 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 Field type <Eqpt::LLId> - the LLID identifier, range 1 for EPON, range 1-8 for DPOE 	
mac-addr	Parameter type: <Vlan::MacAddr> Format: <ul style="list-style-type: none"> - mac address (aa:bb:cc:a1:02:03) - unit: Byte - length: 6 	mac address

Table 228.2-2 "Security 802.1x Port Authentication Management Command" Command Parameters

Parameter	Type	Description
(clear-statistics)	Format: clear-statistics Possible values: <ul style="list-style-type: none"> - clear-statistics : clear non-accounting statistics 	<i>optional parameter</i> clear non-accounting statistics