207- Efm Oam Management Command

207.1 Efm Oam Management Command Tree

Description

This chapter gives an overview of nodes that are handled by "Efm Oam Management Command".

Command Tree

----admin
    ----efm-oam
        ----interface
            - (interface)
            - (loopback-action)
            X (traffgen-action)
            - parser-action
            - loopback-timeout

207.2 Efm Oam Interface Management Command

Command Description

This management command allows next actions: - Enable / disable efm oam remote loopback on a peer device via specified interface. - Start / stop internal traffic generator on specified interface in remote loopback. - Parser Action: Forward / discard the looped back packets. - Loopback Timeout: Timeout for clearing the remote loopback configuration while the remote loopback configuration is enabled. Note:loopback-action is a mandatory parameter.

User Level

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

Command Syntax

The command has the following syntax:

> admin efm-oam interface (interface) (loopback-action) [(traffgen-action)] [parser-action <Ether::ParserAction>] [loopback-timeout <Ether::LoopbackTimeout>]

Command Parameters

Table 207.2-1 "Efm Oam Interface Management Command" Resource Parameters

Resource Identifier	Type	Description
(interface)	Format: <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> 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	identification of EFM port / Ethernet port

Table 207.2-2 "Efm Oam Interface Management Command" Command Parameters

Parameter	Type	Description
(loopback-action)	Format: (enable-loopback | disable-loopback) Possible values: - enable-loopback : initiate loopback on specified itf - disable-loopback : disable loopback on specified itf	*optional parameter* enable or disable efm oam remote loopback,this is a mandatory parameter.
(traffgen-action)	Format: (start-traff-gen | stop-traff-gen)	*obsolete parameter that will be ignored* stop or start the internal traffic

Parameter	Type	Description
	Possible values: - start-traff-gen : Starts the internal traffic generator on specified itf - stop-traff-gen : Stops the internal traffic generator on specified itf	generator
parser-action	Parameter type: <Ether::ParserAction> Format: (discard | forward) Possible values: - discard : discard looped back packets - forward : forward looped back packets	*optional parameter* Loopback parser action
loopback-timeout	Parameter type: <Ether::LoopbackTimeout> Format: - A timeout value expressed in seconds - unit: seconds - range: [0...3600]	*optional parameter* Timeout value for clearing Remote Loopback configuration while the remote loopback configuration is enabled. Default value: 0 - means no timeout configured for clearing the remote loopback configuration.