25- VLAN Tpid Configuration Commands

25.1 VLAN Tpid Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "VLAN Tpid Configuration Commands".

Command Tree

```
----configure
    ----bridge
        ----port
            ----(port)
                ----vlan-tpid0
                    - (num)
                    - [no] tpid
```

25.2 VLAN General Configuration Command

Command Description

This command allows the operator to specify VLAN parameters that are globally applicable to VLANs:

- tpid : vlan tpid.

User Level

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

Command Syntax

The command has the following syntax:

> configure bridge port (port) vlan-tpid0 (num) [no tpid | tpid <Vlan::Tpid>]

Command Parameters

Table 25.2-1 "VLAN General Configuration 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> / <Ng2::OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> | ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Ng2::OntId> / 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> - the LT slot number Field type <Eqpt::PortId>	identity of a port(e.g. uplink port, atm pvc, efm port, eth port, la group ...)

Resource Identifier	Type	Description
	- 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::ChannelGroupId> - the channel group identifier Field type <Eqpt::SubChannelGroupId> - the subchannel group identifier Field type <Eqpt::OntId> - the ONT identifier Field type <Ng2::OntId> - the 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	
(num)	Format: - the tpid number 1 - range: [0]	the value of the tpid index

Table 25.2-2 "VLAN General Configuration Command" Command Parameters

Parameter	Type	Description
[no] tpid	Parameter type: <Vlan::Tpid> Format: - vlan tpid hex string(example : 8100), scope is 600-ffff - range: [a-fA-F0-9] - length: 1<=x<=4	*optional parameter with default value: "8100"* the value of the tpid