

52- IPoA/E IW Configuration Commands

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52.1 IPoA/E IW Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "IPoA/E IW Configuration Commands".

Command Tree

```
----configure
  ----ipoa/e-iw
    ----[no] port
      - (interworking-port)
      - user-ip
      - gw-ip
    ----[no] gateway
      - (vlanid)
      - gw-ip-addr
```

52.2 IPoA/E IW Interworking Port Configuration Command

Command Description

This command allows the operator to configure the parameter on the IPOA L2 interworking port level

User Level

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

Command Syntax

The command has the following syntax:

```
> configure ipoa/e-iw ( no port (interworking-port) ) | ( port (interworking-port) [ user-ip <Ip::V4AddressHex> ] [ gw-ip <Ip::V4AddressHex> ] )
```

Command Parameters

Table 52.2-1 "IPoA/E IW Interworking Port Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(interworking-port)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpiId> : <Eqpt::VciId> <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 Field type <Eqpt::VpiId> - atm VPI Field type <Eqpt::VciId> - atm VCI	index of rack/shelf/slot/port user-bridgeport

Table 52.2-2 "IPoA/E IW Interworking Port Configuration Command" Command Parameters

Parameter	Type	Description
user-ip	Parameter type: <Ip::V4AddressHex> Format: - IPv4-address	<i>optional parameter</i> ip address for user
gw-ip	Parameter type: <Ip::V4AddressHex> Format:	<i>optional parameter</i> ip address for next-hop gateway

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Parameter	Type	Description
	- IPv4-address	

52.3 IPoA/E IW Gateway Configuration Command

Command Description

This command allows the operator to configure gateway address per L2 forwarder vlan

User Level

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

Command Syntax

The command has the following syntax:

```
> configure ipoa/e-iw ( no gateway (vlanid) ) | ( gateway (vlanid) gw-ip-addr <Ip::V4AddressHex> )
```

Command Parameters

Table 52.3-1 "IPoA/E IW Gateway Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(vlanid)	Format: (<Network::UVlanIndex> stacked : <Network::SVlanIndex> : <Network::CVlanIndex>) Possible values: - stacked : stacked vlan identity Field type <Network::UVlanIndex> - unstacked vlan identity - range: [1...4093] Field type <Network::SVlanIndex> - service vlan identity - range: [2...4093] Field type <Network::CVlanIndex> - customer vlan identity - range: [0...4093]	vlan id

Table 52.3-2 "IPoA/E IW Gateway Configuration Command" Command Parameters

Parameter	Type	Description
gw-ip-addr	Parameter type: <Ip::V4AddressHex> Format: - IPv4-address	<i>mandatory parameter</i> the gateway ip address