

# 223- ARP-RELAY statistics Management Commands

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## 223.1 ARP-RELAY statistics Management

### Command Tree

#### Description

This chapter gives an overview of nodes that are handled by "ARP-RELAY statistics Management Commands".

#### Command Tree

```
----admin
  ----arp-relay-stats
    - (vlan-port)
    - (clear-statistics)
```

## 223.2 Arp-relay statistics Management Command

### Command Description

*This command allows the operator to reset the arp-relay statistics counters.*

### 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:

```
> admin arp-relay-stats (vlan-port) [ (clear-statistics) ]
```

### Command Parameters

**Table 223.2-1 "Arp-relay statistics Management Command" Resource Parameters**

Resource Identifier	Type	Description
(vlan-port)	Format: ( vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpiId> : <Eqpt::VciId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::VpiId> : <Eqpt::VciId> : <Eqpt::UnstackedVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PortId> : <Eqpt::UnstackedVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> : <Eqpt::UnstackedVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / voip : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / voip : <Eqpt::UnstackedVlan>	The VLAN port interface

Resource Identifier	Type	Description
	vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / vuni : <Eqpt::UnstackedVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::LLId> : <Eqpt::UnstackedVlan>   vlan-port : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::LLId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port:ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> : <Eqpt::UnstackedVlan>   vlan-port:ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Eqpt::Ng2OntSlotId> / <Eqpt::Ng2OntPortId> : stacked : <Eqpt::SVlan> : <Eqpt::CVlan>   vlan-port:ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / vuni ) Possible values: - vlan-port : vlan port - vlan-port:ng2 : an NGPON2 vlan port 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::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>	

## 223 ARP-RELAY statistics Management Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"><li>- the NGPON2 ONT PORT identifier</li></ul> Field type <Eqpt::LLId> <ul style="list-style-type: none"><li>- the LLID identifier,range 1 for EPON,range 1-8 for DPOE</li></ul> Possible values: <ul style="list-style-type: none"><li>- stacked : stacked vlan identity</li></ul> Field type <Eqpt::UnstackedVlan> <ul style="list-style-type: none"><li>- unstacked vlan id</li></ul> Field type <Eqpt::SVlan> <ul style="list-style-type: none"><li>- service vlan id</li></ul> Field type <Eqpt::CVlan> <ul style="list-style-type: none"><li>- customer vlan id</li></ul>	

**Table 223.2-2 "Arp-relay statistics Management Command" Command Parameters**

Parameter	Type	Description
(clear-statistics)	<p>Format:</p> <p>clear-statistics</p> <p>Possible values:</p> <ul style="list-style-type: none"><li>- clear-statistics : clear the arp-relay statistics</li></ul>	<p><i>optional parameter</i></p> <p>clear arp-relay summary and detailed statistics</p>