

73- Snmp Agent Management Configuration Commands

73.1 Snmp Agent Management Configuration Command Tree	73-1841
73.2 ONT Snmp-agent Configuration Command	73-1842

73.1 Snmp Agent Management Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "Snmp Agent Management Configuration Commands".

Command Tree

```
----configure
  ----snmp-agent
    ----[no] ont
      - (uni-idx)
      - [no] read-community
      - [no] write-community
      - [no] iphc-vlan
```

73.2 ONT Snmp-agent Configuration Command

Command Description

This command allows the operator to set ONT Snmp-agent provisioning data.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure snmp-agent ( no ont (uni-idx) ) | ( ont (uni-idx) [ no read-community | read-community
<Gpon::CommunityString> ] [ no write-community | write-community <Gpon::CommunityString> ] [ no iphc-vlan
| iphc-vlan <Gpon::MgmtVlanId> ] )
```

Command Parameters

Table 73.2-1 "ONT Snmp-agent Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(uni-idx)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Eqpt::OntSlotId> / <Eqpt::OntPortId> 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> - the LT slot number 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 <Eqpt::Ng2OntId>	identification of the uni interface index

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - the NG2 ONT identifier Possible values: <ul style="list-style-type: none"> - vuni : virtual NGPON2 uni identifier Field type <Eqpt::OntSlotId> <ul style="list-style-type: none"> - the ONT SLOT identifier Field type <Eqpt::OntPortId> <ul style="list-style-type: none"> - the ONT PORT identifier Field type <Eqpt::Ng2OntSlotId> <ul style="list-style-type: none"> - the NGPON2 ONT SLOT identifier Field type <Eqpt::Ng2OntPortId> <ul style="list-style-type: none"> - the NGPON2 ONT PORT identifier 	

Table 73.2-2 "ONT Snmp-agent Configuration Command" Command Parameters

Parameter	Type	Description
[no] read-community	Parameter type: <Gpon::CommunityString> Format: <ul style="list-style-type: none"> - ont community string - length: 1<=x<=24 	<i>optional parameter with default value: "public"</i> read community for snmp agent
[no] write-community	Parameter type: <Gpon::CommunityString> Format: <ul style="list-style-type: none"> - ont community string - length: 1<=x<=24 	<i>optional parameter with default value: "private"</i> write community for snmp agent
[no] iphc-vlan	Parameter type: <Gpon::MgmtVlanId> Format: <ul style="list-style-type: none"> - vlan id for management service - range: [0,1...4093] 	<i>optional parameter with default value: 0</i> iphc vlan for snmp agent