

# 209- Iphost Management Command.

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209.1 Iphost Management Command. Tree  
209.2 Iphost ping test Management Command

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## 209.1 Iphost Management Command. Tree

### Description

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

### Command Tree

```
----admin
  ----iphost
    ----ping
      - (index)
      - dest-ip
      - [no] count
```

## 209.2 Iphost ping test Management Command

### Command Description

*This command allows the operator to manage the iphost ping test*

### User Level

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

### Command Syntax

The command has the following syntax:

```
> admin iphost ping (index) dest-ip <Gpon::destIp> [ no count | count <Gpon::PingCount> ]
```

### Command Parameters

**Table 209.2-1 "Iphost ping test Management Command" Resource Parameters**

Resource Identifier	Type	Description
(index)	Format: ( ont : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::IpHostID>   ont.ng2 : <Eqpt::ChannelGroupId> / <Eqpt::SubChannelGroupId> / <Eqpt::Ng2OntId> / <Ng2::IpHostID> ) Possible values: - ont.ng2 : ngpon2 ont - ont : ont 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::OntId> - the ONT identifier Field type <Eqpt::ChannelGroupId> - the channel group identifier Field type <Eqpt::SubChannelGroupId> - the subchannel group identifier Field type <Eqpt::Ng2OntId> - the NG2 ONT identifier Field type <Gpon::IpHostID> - iphost id Field type <Ng2::IpHostID>	an unique index related to the ping test entry

Resource Identifier	Type	Description
	- iphost id (ngpon2)	

Table 209.2-2 "Iphost ping test Management Command" Command Parameters

Parameter	Type	Description
dest-ip	Parameter type: <Gpon::destIp> Format: ( explicit : <Ip::V4Address>   hostname : <Gpon::hostname>   uri-prof : name : <AsamProfileName>   uri-prof : <Gpon:UriProfilePtr> ) Possible values: - explicit : explicit ip of destination,example:10.0.0.1 - hostname : hostname of destination,example:www.google.com - uri-prof : uri profile related to destination Field type <Ip::V4Address> - IPv4-address Field type <Gpon::hostname> - host name address - length: x<=255 Possible values: - name : uri profile name Field type <Gpon:UriProfilePtr> - Index of the URI profile that contains the IP address of the server - range: [0...100] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	<i>mandatory parameter</i> destination ip of ping test
[no] count	Parameter type: <Gpon::PingCount> Format: - ping count - range: [0...5]	<i>optional parameter with default value: 0</i> The number of pings to attempt

## Command Output

Table 209.2-3 "Iphost ping test Management Command" Display parameters

Specific Information		
name	Type	Description
ip-addr	Parameter type: <L2cp::InetAddress> - IPv4-address	The IP address of the target host be pinged <i>This element is always shown.</i>
count-tx	Parameter type: <Gpon::PingCount> - ping count - range: [0...5]	The number of pings attempted <i>This element is always shown.</i>
count-rx	Parameter type: <Gpon::PingCount> - ping count - range: [0...5]	The number of pings which received reply <i>This element is always shown.</i>
delay-min	Parameter type: <Gpon::PingDelay> - ping count - range: [0...65535]	The minimum delay of the received responses <i>This element is always shown.</i>
delay-max	Parameter type: <Gpon::PingDelay> - ping count - range: [0...65535]	The maximum delay of the received responses <i>This element is always shown.</i>
exit-status	Parameter type: <Gpon::TestCmd>	Completion status of the

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name	Type	Description
	( initiate   inprogress   noanswer   alive   norun   rejected   noparse ) Possible values: - initiate : Initiate test - inprogress : Test is in progress - noanswer : Destination did not answe - alive : Destination is alive - norun : OLT did not send command to ONT - rejected : ONT rejected command for unknown reason - noparse : ONT command parse error	command <i>This element is always shown.</i>