

41- Voice Ont Configuration Commands

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41.1 Voice Ont Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "Voice Ont Configuration Commands".

Command Tree

```
----configure
  ----voice
    ----ont
      ----[no] service
        - (voip-index)
        - [no] label
        - [no] ip-address
        - [no] net-mask
        - [no] default-router
        - [no] mgc-ip-addr
        - [no] sec-mgc-ip-addr
        - [no] ftp-serv-ip-addr
        - [no] dhcp
        - [no] mgc-udp-port
        - [no] voip-dscp
        - [no] voip-mode
        - conf-file-name
        - [no] client-id
        - [no] secret-id
        - [no] secret-k
        - [no] ipsec-enable
        - [no] conf-method
        - [no] spg-prof
        - [no] spg-user-name
        - [no] spg-passwd
        - [no] spg-realm
        - [no] ftp-user-name
        - [no] ftp-passwd
        - vlan
        - [no] admin-state
        - [no] uncond-omci-dnld
      ----tc-layer
        - [no] pm-collect
    ----pots
      - (uni-idx)
      - [no] custinfo
      - [no] voip-serv
      - [no] termination-id
      - [no] pots-pwr-timer
      - [no] call-hist
      - [no] pwr-override
      - [no] sip-msg-tot-th
      - [no] brr-pkt-loss-th
      - [no] excess-jitter-th
      - [no] rx-gain
```

- [no] tx-gain
- [no] pots-dscp
- [no] veip-ptr
- [no] admin-state
- [no] transmit-path
- [no] nominal-feed-vol
- voice-port**
 - **(uni-idx)**
 - [no] custinfo
 - [no] voipconfig
 - [no] pots-pwr-timer
 - [no] call-hist
 - [no] pwr-override
 - [no] rx-gain
 - [no] tx-gain
 - [no] impedance
 - [no] voip-media-prof
 - [no] ne-file-name
 - [no] admin-state
- [no] auth-sec-prof**
 - **(index)**
 - name
 - [no] validation-scheme
 - [no] user-name
 - [no] password
 - [no] realm
- [no] sec-uri-profile**
 - **(index)**
 - name
 - [no] auth-securi-prof
 - uri-prof
- [no] uri-prof**
 - **(index)**
 - name
 - [no] address
 - [no] version
- [no] tone-seg-profile**
 - **(index)**
 - name
 - freq1
 - power1
 - freq2
 - power2
 - freq3
 - power3
 - freq4
 - power4
 - modulation-freq
 - modulation-power
 - duration
- [no] tone-seq-profile**
 - **(index)**
 - name
 - pattern-prof1
 - [no] pattern-prof2
 - [no] pattern-prof3
 - [no] pattern-prof4
 - [no] pattern-prof5
 - [no] pattern-prof6

- [no] pattern-prof7
- [no] pattern-prof8
- [no] **tone-event-prof**
 - (index)
 - name
- busy-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- callwait1-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- callwait2-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- callwait3-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- callwait4-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- alert-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- special-dial-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- special-info-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- release-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- congest-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- confirm-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- dial-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- msg-wait-tone**
 - [no] tone-seq-prof
 - [no] file-prof
 - [no] repeat
- reorder-tone**
 - [no] tone-seq-prof

```

- [no] file-prof
- [no] repeat
----ringback-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----roh-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----stutter-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----intrusion-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----dead-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----userdef1-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----userdef2-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----userdef3-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----userdef4-tone
- [no] tone-seq-prof
- [no] file-prof
- [no] repeat
----[no] nwdial-plan-prof
- (index)
- name
- [no] critical-timeout
- [no] partial-timeout
- [no] format
- digitmap1
- digitmap2
- digitmap3
- digitmap4
----[no] rtp-profile
- (index)
- name
- [no] local-port-min
- [no] local-port-max
- [no] dscp
- [no] piggy-back-event
- [no] tone-event
- [no] dtmf-event
- [no] cas-event
----[no] voice-serv-prof

```

- (index)

- name
- [no] securi-prof
- [no] toneset-prof
- [no] ringingset-prof
- [no] announce-type
- [no] jitter-target
- [no] jitter-max
- [no] echo-cancel
- [no] dtmf-level
- [no] dtmf-duration
- [no] hook-flash-min
- [no] hook-flash-max
- [no] pstn-variant

----[no] voip-app-service

- (index)

- name
- [no] calling-number
- [no] calling-name
- [no] caller-id-block
- [no] caller-id-number
- [no] caller-id-name
- [no] anonymous-block
- [no] call-waiting
- [no] callerid-announce
- [no] three-way-calling
- [no] call-transfer
- [no] call-hold
- [no] call-park
- [no] do-not-disturb
- [no] flash-on-emer-cal
- [no] emer-ser-org-hold
- [no] six-way-calling
- [no] mwi-splash-ring
- [no] mwi-spl-dialtone
- [no] mwi-visual-indi
- [no] call-fwd-indicate
- [no] dir-conn-feature
- [no] dialtone-dely-opt
- [no] dir-conn-prof
- [no] bridge-prof
- [no] conf-prof

----[no] voip-media-prof

- (index)

- name
- [no] voiceserviceprof
- [no] rtp-prof
- [no] fax-mode
- [no] codec1st
- [no] pkt-period1st
- [no] silence1st
- [no] codec2nd
- [no] pkt-period2nd
- [no] silence2nd
- [no] codec3rd
- [no] pkt-period3rd
- [no] silence3rd
- [no] codec4th

- [no] pkt-period4th
- [no] silence4th
- [no] outofband-dtmf
- [no] ring-seg-prof
 - (index)
 - name
 - [no] profile-ring
 - ring-duration
- [no] ring-seq-prof
 - (index)
 - name
 - pattern1
 - [no] pattern2
 - [no] pattern3
 - [no] pattern4
 - [no] pattern5
- [no] ringing-profile
 - (index)
 - name
 - [no] ringing-seq-prof
 - [no] ringing-file-prof
 - [no] ringing-repeat
 - [no] splash-seq-prof
 - [no] splash-file-prof
 - [no] splash-repeat
- [no] feat-acccode-prof
 - (index)
 - name
 - [no] cancel-call-wait
 - [no] hold
 - [no] park
 - [no] act-caller-id
 - [no] deact-caller-id
 - [no] act-dnd
 - [no] deact-dnd
 - [no] dnd-pin
 - [no] emergency
 - [no] intercom
 - [no] attend-call-trans
 - [no] blind-call-trans
- [no] voip-config
 - (voip-index)
 - protocol
 - [no] conf-method
 - [no] securi-prof
- pots-rtp
 - (uni-index)
 - [no] pm-collect
- [no] sip-config
 - (sip-index)
 - [no] proxy-serv-prof
 - [no] outproxy-serv-prof
 - [no] primary-dns
 - [no] secondary-dns
 - [no] reg-expire-time
 - [no] re-reg-head-start
 - [no] aor-host-prt-prof
 - [no] registrar-prof
 - [no] soft-sw-vendor

- [no] opt-tx-cntrl
- [no] uri-format
- [no] dscp
- [no] udp-port
- sip-agent**
 - **(ont-index)**
 - [no] pm-collect
- sip-call**
 - **(ont-index)**
 - [no] pm-collect
- voice-sip-port**
 - **(pots-index)**
 - [no] user-aor
 - [no] display-name
 - [no] val-scheme
 - [no] user-name
 - [no] password
 - [no] realm
 - [no] voice-mail-prof
 - [no] voice-mail-to
 - [no] ntwk-dp-prof
 - [no] app-serv-prof
 - [no] ac-code-prof
 - [no] rlstimer
 - [no] rohtimer
- [no] mgc-config**
 - **(if-index)**
 - pri-mgcuri-profid
 - sec-mgcuri-profid
 - [no] protocol-ver
 - [no] msg-format
 - [no] max-retry-time
 - [no] max-retries
 - [no] status-delay-time
 - base-termid
 - [no] sig-dscp
 - [no] udp-port
 - [no] sw-vendor
 - [no] cnf-msg-profid
- mgc-agent**
 - **(voip-index)**
 - [no] pm-collect
- pots-call**
 - **(uni-idx)**
 - [no] pm-collect

41.2 Voice ONT Service Configuration Command

Command Description

This command is to configure the service related parameters for ONT.

NOTE: OLT prohibits the entry of the following range of well-known IP addresses:

224.0.0.0 to 239.255.255.255 (multicast)

127.0.0.0 to 127.255.255.255 (loopback)

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no service (voip-index) ) | ( service (voip-index) [ no label | label <Gpon::Label> ] [ no
ip-address | ip-address <Gpon::Ipaddr> ] [ no net-mask | net-mask <Gpon::Ipaddr> ] [ no default-router |
default-router <Gpon::Ipaddr> ] [ no mgc-ip-addr | mgc-ip-addr <Gpon::Ipaddr> ] [ no sec-mgc-ip-addr |
sec-mgc-ip-addr <Gpon::Ipaddr> ] [ no ftp-serv-ip-addr | ftp-serv-ip-addr <Gpon::Ipaddr> ] [ no dhcp | dhcp
<Gpon::Dhcp> ] [ no mgc-udp-port | mgc-udp-port <Gpon::PortSignalling> ] [ no voip-dscp | voip-dscp
<Gpon::DscpSetting> ] [ no voip-mode | voip-mode <Gpon::GWMode> ] conf-file-name <Gpon::ConfName> [ no
client-id | client-id <Gpon::ClientID> ] [ no secret-id | secret-id <Gpon::SecretID> ] [ no secret-k | secret-k
<Gpon::SecretK> ] [ no ipsec-enable | ipsec-enable <Gpon::IpSec> ] [ no conf-method | conf-method
<Gpon::SrvConfMethod> ] [ no spg-prof | spg-prof <Gpon::UriProfileName> ] [ no spg-user-name | spg-user-name
<Gpon::SippingAuthUserName> ] [ no spg-passwd | spg-passwd <Gpon::AuthPasswd> ] [ no spg-realm |
spg-realm <Gpon::Realm> ] [ no ftp-user-name | ftp-user-name <Gpon::FtpAuth> ] [ no ftp-passwd | ftp-passwd
<Security::Password5> ] vlan <Vlan::Index> [ no admin-state | admin-state <Gpon::AdminState> ] [ [ no ]
uncond-omci-dnld ] )
```

Command Parameters

Table 41.2-1 "Voice ONT Service Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(voip-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / 1 ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / 1) Possible values: - ng2 : ngpon2 style identification Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number	a unique interface index

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Resource Identifier	Type	Description
	Field type <Eqpt::SlotId> - the LT slot number Field type <Eqpt::PonId> - the PON identifier Field type <Eqpt::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port	

Table 41.2-2 "Voice ONT Service Configuration Command" Command Parameters

Parameter	Type	Description
[no] label	Parameter type: <Gpon::Label> Format: - char string - length: x<=80	<i>optional parameter with default value: ""</i> label used to identify service
[no] ip-address	Parameter type: <Gpon::Ipaddr> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> <i>The parameter is not visible during modification.</i> ip Address of the ONT VoIP Client
[no] net-mask	Parameter type: <Gpon::Ipaddr> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> <i>The parameter is not visible during modification.</i> subnet mask for the VoIP client's subnet
[no] default-router	Parameter type: <Gpon::Ipaddr> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> <i>The parameter is not visible during modification.</i> default next hop IP Address used by the VoIP Client
[no] mgc-ip-addr	Parameter type: <Gpon::Ipaddr> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> <i>The parameter is not visible during modification.</i> IP Address of the Network Media Gateway
[no] sec-mgc-ip-addr	Parameter type: <Gpon::Ipaddr> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> <i>The parameter is not visible during modification.</i> IP Address of the secondary Network Media Gateway
[no] ftp-serv-ip-addr	Parameter type: <Gpon::Ipaddr> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> <i>The parameter is not visible during modification.</i>

Parameter	Type	Description
		IP Address of the FTP Server that contains the VoIP configuration files that the ONT needs to download
[no] dhcp	Parameter type: <Gpon::Dhcp> Format: (enabled disabled) Possible values: - enabled : DHCP is enabled - disabled : DHCP is disabled	<i>optional parameter with default value: "disabled"</i> <i>The parameter is not visible during modification.</i> designate whether DHCP is enabled
[no] mgc-udp-port	Parameter type: <Gpon::PortSignalling> Format: - TCP or UDP port used for signalling (L2 only) - range: [0...65535]	<i>optional parameter with default value: 2944L</i> <i>The parameter is not visible during modification.</i> UDP port of the Media Gateway Controller used for signaling
[no] voip-dscp	Parameter type: <Gpon::DscpSetting> Format: - to set the DSCP value that the Voip Client will use - range: [0...63]	<i>optional parameter with default value: 24L</i> <i>The parameter is not visible during modification.</i> to set the DSCP value that the Voip Client will use
[no] voip-mode	Parameter type: <Gpon::GWMode> Format: (gr303-h248 v5.x-h248 softswitch-h248 sip1 sip2) Possible values: - gr303-h248 : GR303-H248 - v5.x-h248 : V5.x-H248 - softswitch-h248 : Softswitch-H248 - sip1 : Mode 1 SIP - sip2 : Mode 2 SIP	<i>optional parameter with default value: "sip1"</i> <i>The parameter is not visible during modification.</i> Used to set Voice Gateway signalling mode.
conf-file-name	Parameter type: <Gpon::ConfName> Format: - name of the Planned Configuration File that the VoIP Client must use for VoIP configuration. - length: x<=49	<i>mandatory parameter</i> name of the Planned Configuration File that the VoIP Client must use for VoIP configuration.
[no] client-id	Parameter type: <Gpon::ClientID> Format: - to uniquely identify the VoIP Client. - length: x<=25	<i>optional parameter with default value: ""</i> DHCP option 61 clientid associated with the VoIP service.
[no] secret-id	Parameter type: <Gpon::SecretID> Format: - DHCP Option 90 Secret ID for VoIP Service. Up to 8 hexadecimal characters (example 01:02:03:04). - length: x<=4	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> DHCP Option 90 Secret ID for VoIP Service. Up to 8 hexadecimal characters.
[no] secret-k	Parameter type: <Gpon::SecretK> Format: - DHCP Option 90 Secret-K for VoIP Service. Up to 32 hexadecimal characters (example 01:02:03:04:05:06:07:08:09:10:11:12:13:14:15:16).	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> DHCP Option 90 Secret-K for

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Parameter	Type	Description
	- length: x<=16	VoIP Service. Up to 32 hexadecimal characters.
[no] ipsec-enable	Parameter type: <Gpon::IpSec> Format: (enabled disabled) Possible values: - enabled : IPSEC is enabled - disabled : IPSEC is disabled	<i>optional parameter with default value: "disabled"</i> <i>The parameter is not visible during modification.</i> Used to designate whether IPSEC is enabled or disabled.
[no] conf-method	Parameter type: <Gpon::SrvConfMethod> Format: (ftp sipping omci) Possible values: - ftp : FTP Server - sipping : Sipping Server, editing to and from sipping is not allowed - omci : Omci ftp	<i>optional parameter with default value: "ftp"</i> Used to determine the primary method the ONT uses to obtain VoIP configuration information.
[no] spg-prof	Parameter type: <Gpon::UriProfileName> Format: (none <Gpon:UriProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : 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>optional parameter with default value: ""</i> URI profile that contains the address for acquiring the SIPPING Server.
[no] spg-user-name	Parameter type: <Gpon::SippingAuthUserName> Format: - user name required for sipping authentication - length: x<=25	<i>optional parameter with default value: ""</i> Username required for authentication with the SIPPING Server OR for PPPoE authentication.
[no] spg-passwd	Parameter type: <Gpon::AuthPasswd> Format: - password required for authentication - length: x<=25	<i>optional parameter with default value: ""</i> Password required for authentication with the SIPPING Server OR for PPPoE authentication.
[no] spg-realm	Parameter type: <Gpon::Realm> Format: - realm required for authentication - length: x<=25	<i>optional parameter with default value: ""</i> Realm for authentication with the SIPPING Server OR for the PPPoE access concentrator name.
[no] ftp-user-name	Parameter type: <Gpon::FtpAuth> Format: - authentication string - length: x<=25	<i>optional parameter with default value: ""</i> the Username required for authentication with the FTP Server.

Parameter	Type	Description
[no] ftp-passwd	Parameter type: <Security::Password5> Format: (prompt plain : <Security::PlainPassword5>) Possible values: - prompt : prompts the operator for a password - plain : the password in plain text Field type <Security::PlainPassword5> - authentication string - length: x<=25	<i>optional parameter with default value: "plain : "</i> password required for authentication with the FTP Server.
vlan	Parameter type: <Vlan::Index> Format: (<Vlan::UVlanIndex> stacked : <Vlan::SVlanIndexStacked> : <Vlan::CVlanIndex>) Possible values: - stacked : stacked vlan identity Field type <Vlan::UVlanIndex> - unstacked vlan identity - range: [1...4093,4096] Field type <Vlan::SVlanIndexStacked> - service vlan identity - range: [1...4093] Field type <Vlan::CVlanIndex> - customer vlan identity - range: [0...4093]	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> vlan id
[no] admin-state	Parameter type: <Gpon::AdminState> Format: (locked unlocked) Possible values: - locked : Setting it to 'locked' causes OLT to block upstream traffic on this service - unlocked : Setting it to 'unlocked' causes OLT to allow upstream traffic on this service	<i>optional parameter with default value: "unlocked"</i> Setting it to 'locked' causes OLT to block upstream traffic on this service
[no] uncond-omci-dnld	Parameter type: boolean	<i>optional parameter</i> <i>The parameter is not visible during creation.</i> download Voip XML unconditionally

41.3 Performance Monitoring configuration command for VOIP service

Command Description

configures the PM Mode of ONT-side TC-layer counters.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont service (voip-index) tc-layer [ no pm-collect | pm-collect <Gpon::PmEnable> ]
```

Command Parameters

Table 41.3-1 "Performance Monitoring configuration command for VOIP service" Resource Parameters

Resource Identifier	Type	Description
(voip-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / 1 ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / 1) 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::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId>	a unique interface index

Resource Identifier	Type	Description
	- the ONT identifier Possible values: - 1 : Gpon voip Port	

Table 41.3-2 "Performance Monitoring configuration command for VOIP service" Command Parameters

Parameter	Type	Description
[no] pm-collect	Parameter type: <Gpon::PmEnable> Format: (disable enable) Possible values: - disable : disable the collection - enable : enable the collection	<i>optional parameter with default value: "disable"</i> indicates whether tc layer counter Performance Monitors should be collected for this VOIP Service

41.4 Voice ONT POTS Configuration Command

Command Description

This command allows the operator to configure pots specific data associated with an ont.

Parameter Termination ID is a case insensitive string up to 25 characters long. Only the following characters are allowed:

['a'..'z', 'A'..'Z', '0'..'9', '', '/', '-', '_', '\$', '@', or ' '].*

The first character must be alphabetic. The string 'ROOT' is not allowed.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont pots (uni-idx) [ no custinfo | custinfo <Gpon::CustInfo> ] [ no voip-serv | voip-serv
<Gpon::VoipSrvIndex> ] [ no termination-id | termination-id <Gpon::TerminationId> ] [ no pots-pwr-timer |
pots-pwr-timer <Gpon::PotsPwrTimer> ] [ no call-hist | call-hist <Gpon::CallHist> ] [ no pwr-override |
pwr-override <Gpon::PotsPwrShedOverride> ] [ no sip-msg-tot-th | sip-msg-tot-th
<Gpon::SipMsgTimeOutThreshold> ] [ no brr-pkt-loss-th | brr-pkt-loss-th <Gpon::BrrPktLossThreshold> ] [ no
excess-jitter-th | excess-jitter-th <Gpon::ExcessJitterThreshold> ] [ no rx-gain | rx-gain <Gpon::RxGain> ] [ no
tx-gain | tx-gain <Gpon::TxGain> ] [ no pots-dscp | pots-dscp <Gpon::PotsDscpSetting> ] [ no veip-ptr | veip-ptr
<Gpon::OntSpIndexOrZero> ] [ no admin-state | admin-state <Gpon::PotsAdminState> ] [ no transmit-path |
transmit-path <Gpon::Transmission> ] [ no nominal-feed-vol | nominal-feed-vol <Gpon::NominalFeedVoltage> ]
```

Command Parameters

Table 41.4-1 "Voice ONT POTS Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(uni-idx)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId>) 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	interface index of the pots uni

Resource Identifier	Type	Description
	Field type <Eqpt::PonId> - the PON identifier Field type <Eqpt::OntId> - the ONT identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Field type <Gpon::OntSlotId> - Gpon Ont Slot - range: [1...14] Field type <Gpon::OntPotsPortId> - Gpon Ont Pots Port - range: [1...24]	

Table 41.4-2 "Voice ONT POTS Configuration Command" Command Parameters

Parameter	Type	Description
[no] custinfo	Parameter type: <Gpon::CustInfo> Format: - a printable string - length: x<=80	<i>optional parameter with default value: ""</i> information about pots port
[no] voip-serv	Parameter type: <Gpon::VoipSrvIndex> Format: - service number of the voip client service - range: [1]	<i>optional parameter with default value: "1"</i> service number of the voip client service
[no] termination-id	Parameter type: <Gpon::TerminationId> Format: - identifies the POTS port in H248 VoIP signalling messages. The first character must be alphabetic. The string 'ROOT' is not allowed. - range: [a-zA-Z0-9*/-_\$.@.] - length: x<=25	<i>optional parameter with default value: ""</i> identifies the POTS port in H248 VoIP signalling messages
[no] pots-pwr-timer	Parameter type: <Gpon::PotsPwrTimer> Format: - time during which pots loop voltage is held up - range: [0...65535]	<i>optional parameter with default value: "0"</i> time during which pots loop voltage is held up
[no] call-hist	Parameter type: <Gpon::CallHist> Format: (enable disable) Possible values: - enable : enable PM collection - disable : disable PM collection	<i>optional parameter with default value: "disable"</i> indicates whether or not a call history to be maintained for this line.
[no] pwr-override	Parameter type: <Gpon::PotsPwrShedOverride> Format: (true false) Possible values: - true : port excluded from voice class power shedding - false : port included in voice class power shedding	<i>optional parameter with default value: "false"</i> voice class power shedding
[no] sip-msg-tot-th	Parameter type: <Gpon::SipMsgTimeOutThreshold> Format: - threshold for raising the SIP message timeout tca alarm - range: [0...65535]	<i>optional parameter with default value: "0"</i> threshold for raising the SIP message timeout tca alarm
[no] brr-pkt-loss-th	Parameter type: <Gpon::BrrPktLossThreshold>	<i>optional parameter with default</i>

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Parameter	Type	Description
	Format: - threshold for raising the bearer packet loss tca alarm - unit: 1/256ths - range: [0...255]	<i>value: "0"</i> threshold for raising the bearer packet loss tca alarm
[no] excess-jitter-th	Parameter type: <Gpon::ExcessJitterThreshold> Format: - threshold for raising the jitter tca alarm in milliseconds - unit: milliseconds - range: [0...65535]	<i>optional parameter with default value: "0"</i> excessive jitter threshold in milliseconds
[no] rx-gain	Parameter type: <Gpon::RxGain> Format: - gain value for the received signal in 0.1db increments - unit: db - range: [-12...6]	<i>optional parameter with default value: 0</i> gain value for the received signal in 0.1db increments
[no] tx-gain	Parameter type: <Gpon::TxGain> Format: - gain value for the transmit signal in 0.1db increments - unit: db - range: [-12...6]	<i>optional parameter with default value: 0</i> gain value for the transmit signal in 0.1db increments
[no] pots-dscp	Parameter type: <Gpon::PotsDscpSetting> Format: - dscp value for use in outgoing voip bearer packets (L3 only) - range: [0...63]	<i>optional parameter with default value: 46</i> dscp value for use in outgoing voip bearer packets
[no] veip-ptr	Parameter type: <Gpon::OntSpIndexOrZero> Format: (<Gpon::OntSlotId2> / <Gpon::OntPortId2> none) Possible values: - none : default value Field type <Gpon::OntSlotId2> - Gpon Ont Slot - range: [0...14] Field type <Gpon::OntPortId2> - Gpon Ont Port - range: [0...16]	<i>optional parameter with default value: "none"</i> interface index of the veip uni
[no] admin-state	Parameter type: <Gpon::PotsAdminState> Format: (unlocked locked) Possible values: - unlocked : activates the pots port - locked : deactivates the pots port	<i>optional parameter with default value: "locked"</i> administrative state of ptp pots uni
[no] transmit-path	Parameter type: <Gpon::Transmission> Format: (full-time part-time not-supported) Possible values: - full-time : full-time on-hook transmission - part-time : part-time on-hook transmission - not-supported : do not care and do not send any OMCI	<i>optional parameter with default value: "not-supported"</i> allows setting the POTS UNI either to full-time onhook transmission
[no] nominal-feed-vol	Parameter type: <Gpon::NominalFeedVoltage> Format: (not-supported <Gpon::NominalFeedVoltage>) Possible values:	<i>optional parameter with default value: "not-supported"</i> indicates the designed nominal feed voltage of the POTS loop

Parameter	Type	Description
	<ul style="list-style-type: none"> - not-supported : do not care and do not send any OMCI Field type <Gpon::NominalFeedVoltage> - indicates the designed nominal feed voltage of the POTS loop - unit: Volts - range: [1...255,65535] 	

Command Output

Table 41.4-3 "Voice ONT POTS Configuration Command" Display parameters

Specific Information		
name	Type	Description
oper-state	Parameter type: <Gpon::PotsOperState> (enabled disabled unknown) Possible values: - enabled : enable the service - disabled : disable the service - unknown : unknown state	operational state of the service <i>This element is always shown.</i>

41.5 Voice ONT Voice-Port Configuration Command

Command Description

This command allows the operator to configure the voice port specific data associated with an ont.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont voice-port (uni-idx) [ no custinfo | custinfo <Gpon::CustInfo> ] [ no voipconfig | voipconfig
<Gpon::VoipConfig> ] [ no pots-pwr-timer | pots-pwr-timer <Gpon::PotsPwrTimer> ] [ no call-hist | call-hist
<Gpon::CallHist> ] [ no pwr-override | pwr-override <Gpon::PotsPwrShedOverride> ] [ no rx-gain | rx-gain
<Gpon::RxGain> ] [ no tx-gain | tx-gain <Gpon::TxGain> ] [ no impedance | impedance <Gpon::Impedance> ] [ no
voip-media-prof | voip-media-prof <Gpon::VoipMediaProfilePointer> ] [ no ne-file-name | ne-file-name
<Gpon::NEFileName> ] [ no admin-state | admin-state <Gpon::PotsAdminState> ]
```

Command Parameters

Table 41.5-1 "Voice ONT Voice-Port Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(uni-idx)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId>) 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::OntId> - the ONT identifier Field type <Ng2::ChannelGroup>	interface index of the pots uni

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Field type <Gpon::OntSlotId> - Gpon Ont Slot - range: [1...14] Field type <Gpon::OntPotsPortId> - Gpon Ont Pots Port - range: [1...24] 	

Table 41.5-2 "Voice ONT Voice-Port Configuration Command" Command Parameters

Parameter	Type	Description
[no] custinfo	Parameter type: <Gpon::CustInfo> Format: - a printable string - length: x<=80	<i>optional parameter with default value: ""</i> information about pots port
[no] voipconfig	Parameter type: <Gpon::VoipConfig> Format: (none mgc sip) Possible values: - none : no association with sip or megaco - mgc : associates with mgc agent - sip : associates with sip agent	<i>optional parameter with default value: "none"</i> associates pots port with sip or mgc agent
[no] pots-pwr-timer	Parameter type: <Gpon::PotsPwrTimer> Format: - time during which pots loop voltage is held up - range: [0...65535]	<i>optional parameter with default value: "0"</i> time during which pots loop voltage is held up
[no] call-hist	Parameter type: <Gpon::CallHist> Format: (enable disable) Possible values: - enable : enable PM collection - disable : disable PM collection	<i>optional parameter with default value: "disable"</i> indicates whether or not a call history to be maintained for this line.
[no] pwr-override	Parameter type: <Gpon::PotsPwrShedOverride> Format: (true false) Possible values: - true : port excluded from voice class power shedding - false : port included in voice class power shedding	<i>optional parameter with default value: "false"</i> voice class power shedding
[no] rx-gain	Parameter type: <Gpon::RxGain> Format: - gain value for the received signal in 0.1db increments - unit: db - range: [-12...6]	<i>optional parameter with default value: 0</i> gain value for the received signal in 0.1db increments
[no] tx-gain	Parameter type: <Gpon::TxGain> Format: - gain value for the transmit signal in 0.1db increments - unit: db - range: [-12...6]	<i>optional parameter with default value: 0</i> gain value for the transmit signal in 0.1db increments
[no] impedance	Parameter type: <Gpon::Impedance> Format:	<i>optional parameter with default value: "unspecified"</i>

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Parameter	Type	Description
	(600 900 750 820 1050 unspecified) Possible values: - 600 : 600 Ohms - 900 : 900 Ohms - 750 : 750 Ohms + 150 nF + 270 ohms - 820 : 820 Ohms + 115 nF + 220 ohms - 1050 : 1050 ohms + 230 nF + 320 ohms - unspecified : the impedance of the line will be handled by the ont internally	standard impedance settings for the pots line
[no] voip-media-prof	Parameter type: <Gpon::VoipMediaProfilePointer> Format: (none <Gpon::VoipMediaProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::VoipMediaProfilePointer> - profile index - range: [0...20] 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>optional parameter with default value: "none"</i> voip media profile
[no] ne-file-name	Parameter type: <Gpon::NEFileName> Format: - file name used to supplement the network extension file pointer in voice service profile - length: x<=50	<i>optional parameter with default value: ""</i> file name used to supplement the network extension file pointer in voice service profile
[no] admin-state	Parameter type: <Gpon::PotsAdminState> Format: (unlocked locked) Possible values: - unlocked : activates the pots port - locked : deactivates the pots port	<i>optional parameter with default value: "locked"</i> administrative state of pptp pots uni

Command Output

Table 41.5-3 "Voice ONT Voice-Port Configuration Command" Display parameters

Specific Information		
name	Type	Description
oper-state	Parameter type: <Gpon::PotsOperState> (enabled disabled unknown) Possible values: - enabled : enable the service - disabled : disable the service - unknown : unknown state	operational state of the service <i>This element is always shown.</i>

41.6 GPON Authentication Security Profile Configuration Command

Command Description

This command creates the profile for accessing the server storing authentication security information for contacting network addresses. These profiles are normally associated with Voip Services that must reference common authentication information.

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 voice ont ( no auth-sec-prof (index) ) | ( auth-sec-prof (index) name <AsamProfileName> [ no
validation-scheme | validation-scheme <Gpon::AuthSecValScheme> ] [ no user-name | user-name
<Gpon::AuthUserName> ] [ no password | password <Security::Password5> ] [ no realm | realm <Gpon::Realm> ]
)
```

Command Parameters

Table 41.6-1 "GPON Authentication Security Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...20]	profile index

Table 41.6-2 "GPON Authentication Security Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> profile name
[no] validation-scheme	Parameter type: <Gpon::AuthSecValScheme> Format: (disabled md5-digest basic-authentic) Possible values: - disabled : Validation disabled	<i>optional parameter with default value: "md5-digest"</i> <i>The parameter is not visible during modification.</i> validation scheme required for authentication

Parameter	Type	Description
	<ul style="list-style-type: none"> - md5-digest : validate using md5 digest authentication - basic-authentic : Validate using basic authentication 	
[no] user-name	Parameter type: <Gpon::AuthUserName> Format: <ul style="list-style-type: none"> - user name required for authentication - length: x<=50 	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> user name required for authentication
[no] password	Parameter type: <Security::Password5> Format: (prompt plain : <Security::PlainPassword5>) Possible values: <ul style="list-style-type: none"> - prompt : prompts the operator for a password - plain : the password in plain text Field type <Security::PlainPassword5> <ul style="list-style-type: none"> - authentication string - length: x<=25 	<i>optional parameter with default value: "plain : "</i> <i>The parameter is not visible during modification.</i> password required for authentication
[no] realm	Parameter type: <Gpon::Realm> Format: <ul style="list-style-type: none"> - realm required for authentication - length: x<=25 	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> realm required for authentication

41.7 Voice ONT Secure URI profile Configuration command

Command Description

This command creates a Secure URI Profile.

It provides (via pointers to other profiles) both the URI for accessing information plus the security information necessary to access the information

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 voice ont ( no sec-uri-profile (index) ) | ( sec-uri-profile (index) name <AsamProfileName> [ no
auth-securi-prof | auth-securi-prof <Gpon::AuthProfileName> ] uri-prof <Gpon::UriProfileName> )
```

Command Parameters

Table 41.7-1 "Voice ONT Secure URI profile Configuration command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...50]	a unique profile index

Table 41.7-2 "Voice ONT Secure URI profile Configuration command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> A string 1..32 characters long which uniquely identifies this Secure URI Profile
[no] auth-securi-prof	Parameter type: <Gpon::AuthProfileName> Format: (none <Gpon:AuthProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon:AuthProfPtr>	<i>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> Authentication security profile that contains network address of the security server

Parameter	Type	Description
	<ul style="list-style-type: none"> - Index of the Authentication security profile - range: [0...20] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
uri-prof	Parameter type: <Gpon::UriProfileName> Format: (none <Gpon:UriProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : 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> <i>The parameter is not visible during modification.</i> uri profile that contains network address of the configuration server

Command Output

Table 41.7-3 "Voice ONT Secure URI profile Configuration command" Display parameters

Specific Information		
name	Type	Description
auth-securi-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the authentication security uri profile <i>This element is only shown in detail mode.</i>
uri-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the uri profile <i>This element is only shown in detail mode.</i>

41.8 GPON URI Profile Configuration Command

Command Description

This command creates the URI profile for accessing the configuration server. These profiles are normally associated with Voip Services.

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 voice ont ( no uri-prof (index) ) | ( uri-prof (index) name <AsamProfileName> [ no address | address <Gpon::UriProfileAddress> ] [ no version | version <Gpon::UriProfileVersionNbr> ] )
```

Command Parameters

Table 41.8-1 "GPON URI Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...100]	profile index

Table 41.8-2 "GPON URI Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> profile name
[no] address	Parameter type: <Gpon::UriProfileAddress> Format: - uri profile address - length: x<=100	<i>optional parameter with default value: ""</i> uri profile address that contains a Fully Qualified Domain Name (FQDN) or an IP Address (in dot notation)
[no] version	Parameter type: <Gpon::UriProfileVersionNbr> Format: - uri profile version number - range: [1...2147483647]	<i>optional parameter with default value: 1L</i> uri profile version number

41.9 GPON Tone Pattern Profile Configuration Command

Command Description

This command creates a profile that defines a tone (multi-frequency is supported) segment including duration and power. Multiple tone segment profiles are used to specify a tone that will be applied to the analog signal to the handset when a particular call event/condition occurs, such as sending a busy tone when the called party is busy.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no tone-seg-profile (index) ) | ( tone-seg-profile (index) name <AsamProfileName> freq1
<Gpon::ToneSegFrequency> power1 <Gpon::ToneSegPower> freq2 <Gpon::ToneSegFrequency> power2
<Gpon::ToneSegPower> freq3 <Gpon::ToneSegFrequency> power3 <Gpon::ToneSegPower> freq4
<Gpon::ToneSegFrequency> power4 <Gpon::ToneSegPower> modulation-freq
<Gpon::ToneSegModulationFrequency> modulation-power <Gpon::ToneSegPower> duration
<Gpon::ToneSegDuration> )
```

Command Parameters

Table 41.9-1 "GPON Tone Pattern Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...50]	profile index

Table 41.9-2 "GPON Tone Pattern Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> profile name
freq1	Parameter type: <Gpon::ToneSegFrequency> Format: - frequency - unit: Hz - range: [0...4000]	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> frequency of one of the tone components
power1	Parameter type: <Gpon::ToneSegPower> Format:	<i>mandatory parameter</i> <i>The parameter is not visible</i>

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Parameter	Type	Description
	<ul style="list-style-type: none"> - power level - unit: dBm - range: [-25.5...0.0] 	during modification. power level of freq1
freq2	Parameter type: <Gpon::ToneSegFrequency> Format: <ul style="list-style-type: none"> - frequency - unit: Hz - range: [0...4000] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> frequency of one of the tone components
power2	Parameter type: <Gpon::ToneSegPower> Format: <ul style="list-style-type: none"> - power level - unit: dBm - range: [-25.5...0.0] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> power level of freq2
freq3	Parameter type: <Gpon::ToneSegFrequency> Format: <ul style="list-style-type: none"> - frequency - unit: Hz - range: [0...4000] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> frequency of one of the tone components
power3	Parameter type: <Gpon::ToneSegPower> Format: <ul style="list-style-type: none"> - power level - unit: dBm - range: [-25.5...0.0] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> power level of freq3
freq4	Parameter type: <Gpon::ToneSegFrequency> Format: <ul style="list-style-type: none"> - frequency - unit: Hz - range: [0...4000] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> frequency of one of the tone components
power4	Parameter type: <Gpon::ToneSegPower> Format: <ul style="list-style-type: none"> - power level - unit: dBm - range: [-25.5...0.0] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> power level of freq4
modulation-freq	Parameter type: <Gpon::ToneSegModulationFrequency> Format: <ul style="list-style-type: none"> - frequency - unit: Hz - range: [0...2000] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> modulation frequency for the tone segment
modulation-power	Parameter type: <Gpon::ToneSegPower> Format: <ul style="list-style-type: none"> - power level - unit: dBm - range: [-25.5...0.0] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> modulation power for the tone segment
duration	Parameter type: <Gpon::ToneSegDuration> Format: <ul style="list-style-type: none"> - duration - unit: milliseconds - range: [0...65535] 	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> duration of the tone segment

41.10 GPON Tone Pattern Sequence Profile Configuration Command

Command Description

This command creates a profile that defines a tone sequence by serially identifying tone segment profiles to associate for a sequence.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no tone-seq-profile (index) ) | ( tone-seq-profile (index) name <AsamProfileName>
pattern-prof1 <Gpon::ZeroToneSegProfile> [ no pattern-prof2 | pattern-prof2 <Gpon::ZeroToneSegProfile> ] [ no
pattern-prof3 | pattern-prof3 <Gpon::ZeroToneSegProfile> ] [ no pattern-prof4 | pattern-prof4
<Gpon::ZeroToneSegProfile> ] [ no pattern-prof5 | pattern-prof5 <Gpon::ZeroToneSegProfile> ] [ no pattern-prof6
| pattern-prof6 <Gpon::ZeroToneSegProfile> ] [ no pattern-prof7 | pattern-prof7 <Gpon::ZeroToneSegProfile> ] [
no pattern-prof8 | pattern-prof8 <Gpon::ZeroToneSegProfile> ] )
```

Command Parameters

Table 41.10-1 "GPON Tone Pattern Sequence Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...50]	profile index

Table 41.10-2 "GPON Tone Pattern Sequence Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> profile name
pattern-prof1	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values:	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> tone segment profile

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Parameter	Type	Description
	<ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] pattern-prof2	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: <ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> tone segment profile
[no] pattern-prof3	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: <ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> tone segment profile
[no] pattern-prof4	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: <ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> tone segment profile
[no] pattern-prof5	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none	<i>optional parameter with default value: "none"</i> <i>The parameter is not visible</i>

Parameter	Type	Description
	<Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	during modification. tone segment profile
[no] pattern-prof6	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> tone segment profile
[no] pattern-prof7	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> tone segment profile
[no] pattern-prof8	Parameter type: <Gpon::ZeroToneSegProfile> Format: (none <Gpon::ZeroToneSegProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ZeroToneSegProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> tone segment profile

Command Output

Table 41.10-3 "GPON Tone Pattern Sequence Profile Configuration Command" Display parameters

Specific Information		
name	Type	Description
pattern-prof1-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof2-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof3-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof4-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof5-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof6-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof7-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>
pattern-prof8-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the tone segment profile <i>This element is only shown in detail mode.</i>

41.11 Tone Event Profile Configuration Command

Command Description

This command is used to create a profile that contains the associations of tone sequence profiles or file ids to call event/conditions.

Note, this profile supports either method for making this association (use of the tone sequence profile or identifying a file on the ONT where a bit map of the tone is located).

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no tone-event-prof (index) ) | ( tone-event-prof (index) name <AsamProfileName> )
```

Command Parameters

Table 41.11-1 "Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.11-2 "Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> profile name

41.12 GPON Busy Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Busy tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) busy-tone [ no tone-seq-prof | tone-seq-prof <Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat <Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.12-1 "GPON Busy Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.12-2 "GPON Busy Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software.	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.13 GPON First Call Wait Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of the first Call Wait tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) callwait1-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.13-1 "GPON First Call Wait Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.13-2 "GPON First Call Wait Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.14 GPON Second Call Wait Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of the second Call Wait tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) callwait2-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.14-1 "GPON Second Call Wait Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.14-2 "GPON Second Call Wait Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	optional parameter with default value: "none" tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.15 GPON Third Call Wait Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of the third Call Wait tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) callwait3-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.15-1 "GPON Third Call Wait Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.15-2 "GPON Third Call Wait Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a fourth Call Wait tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) callwait4-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.16-1 "GPON Fourth Call Wait Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.16-2 "GPON Fourth Call Wait Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.17 GPON Alert Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Alert tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) alert-tone [ no tone-seq-prof | tone-seq-prof <Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat <Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.17-1 "GPON Alert Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.17-2 "GPON Alert Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software.	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.18 GPON Special Dial Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Special Dial tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) special-dial-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.18-1 "GPON Special Dial Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.18-2 "GPON Special Dial Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.19 GPON Special Info Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Special Info tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) special-info-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.19-1 "GPON Special Info Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.19-2 "GPON Special Info Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.20 GPON Release Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Release tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) release-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.20-1 "GPON Release Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.20-2 "GPON Release Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.21 GPON Congest Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a congest tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) congest-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.21-1 "GPON Congest Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.21-2 "GPON Congest Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.22 GPON Confirm Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Confirm tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) confirm-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.22-1 "GPON Confirm Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.22-2 "GPON Confirm Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.23 GPON Dial Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of the Dial tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) dial-tone [ no tone-seq-prof | tone-seq-prof <Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat <Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.23-1 "GPON Dial Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.23-2 "GPON Dial Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software.	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.24 GPON Message Wait Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Message wait tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) msg-wait-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.24-1 "GPON Message Wait Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.24-2 "GPON Message Wait Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.25 GPON Reorder Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Reorder tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) reorder-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.25-1 "GPON Reorder Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.25-2 "GPON Reorder Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.26 GPON Ring Back Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Ring Back tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) ringback-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.26-1 "GPON Ring Back Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.26-2 "GPON Ring Back Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.27 GPON Roh Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Roh tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) roh-tone [ no tone-seq-prof | tone-seq-prof <Gpon::ToneSeqProfile> ]
[ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat <Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.27-1 "GPON Roh Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.27-2 "GPON Roh Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software.	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.28 GPON Stutter Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Stutter tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) stutter-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.28-1 "GPON Stutter Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.28-2 "GPON Stutter Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> uri profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: 0L</i> number of times the tone file is repeated

41.29 GPON Intrusion Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Intrusion tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) intrusion-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.29-1 "GPON Intrusion Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.29-2 "GPON Intrusion Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	<i>optional parameter with default value: "none"</i> tone sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.30 GPON Dead Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Dead tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) dead-tone [ no tone-seq-prof | tone-seq-prof <Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat <Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.30-1 "GPON Dead Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.30-2 "GPON Dead Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50] Data driven field type Possible values are depending on the actual configuration and software.	<i>optional parameter with default value: "none"</i> tone segment profile

Parameter	Type	Description
	The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.31 GPON First User Defined Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a First User Defined tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) userdef1-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.31-1 "GPON First User Defined Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.31-2 "GPON First User Defined Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	optional parameter with default value: "none" tone segment profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.32 GPON Second User Defined Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Second User Defined tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) userdef2-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.32-1 "GPON Second User Defined Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.32-2 "GPON Second User Defined Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	optional parameter with default value: "none" tone segment profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.33 GPON Third User Defined Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Third User Defined tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) userdef3-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.33-1 "GPON Third User Defined Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.33-2 "GPON Third User Defined Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	optional parameter with default value: "none" tone segment profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.34 GPON Fourth User Defined Tone Event Profile Configuration Command

Command Description

This command is used to change or configure the definition of a Fourth User Defined tone within the tone set.

As noted in the Tone Event Profile configuration command, the selection of the tone can be either via pointing to a Tone Sequence Profile, or by referencing a file on the ONT.

This command supports either mechanism.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont tone-event-prof (index) userdef4-tone [ no tone-seq-prof | tone-seq-prof
<Gpon::ToneSeqProfile> ] [ no file-prof | file-prof <Gpon::FileProfile> ] [ no repeat | repeat
<Gpon::RepetitionNbr> ]
```

Command Parameters

Table 41.34-1 "GPON Fourth User Defined Tone Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - tone event profile index - range: [1...5]	profile index

Table 41.34-2 "GPON Fourth User Defined Tone Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] tone-seq-prof	Parameter type: <Gpon::ToneSeqProfile> Format: (none <Gpon::ToneSeqProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneSeqProfPtr> - profile index - range: [0...50]	optional parameter with default value: "none" tone segment profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] file-prof	Parameter type: <Gpon::FileProfile> Format: (none <Gpon::FileProfPtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::FileProfPtr> - profile index - 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>optional parameter with default value: "none"</i> URI profile
[no] repeat	Parameter type: <Gpon::RepetitionNbr> Format: - repetition number - range: [0...10]	<i>optional parameter with default value: "0"</i> number of times the tone file is repeated

41.35 GPON Network Dial Plan Profile Configuration Command

Command Description

This command creates a profile that defines a Network Dial Plan.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no nwdial-plan-prof (index) ) | ( nwdial-plan-prof (index) name <AsamProfileName> [ no critical-timeout | critical-timeout <Gpon::TimeOut> ] [ no partial-timout | partial-timout <Gpon::TimeOut> ] [ no format | format <Gpon::PlanFormat> ] [ digitmap1 <Gpon::Digit> ] [ digitmap2 <Gpon::Digit> ] [ digitmap3 <Gpon::Digit> ] [ digitmap4 <Gpon::Digit> ] )
```

Command Parameters

Table 41.35-1 "GPON Network Dial Plan Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...20]	network dial plan profile

Table 41.35-2 "GPON Network Dial Plan Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> name of profile
[no] critical-timeout	Parameter type: <Gpon::TimeOut> Format: - dial timeout - unit: sec - range: [1.000...40.000]	<i>optional parameter with default value: 4L</i> <i>The parameter is not visible during modification.</i> critical dial timeout in seconds
[no] partial-timout	Parameter type: <Gpon::TimeOut> Format: - dial timeout - unit: sec - range: [1.000...40.000]	<i>optional parameter with default value: 16L</i> <i>The parameter is not visible during modification.</i> partial dial timeout in seconds
[no] format	Parameter type: <Gpon::PlanFormat>	<i>optional parameter with default</i>

Parameter	Type	Description
	Format: (not-def h248 nsc) Possible values: - not-def : not defined - h248 : h.248 format using dial plan tokens - nsc : nsc format	<i>value: "h248"</i> <i>The parameter is not visible during modification.</i> specifies the dial plan format
digitmap1	Parameter type: <Gpon::Digit> Format: - ASCII character string - length: x<=256	<i>optional parameter</i> <i>The parameter is not visible during modification.</i> specifies part 1 of the actual digit map ascii symbols with delimiter '1'
digitmap2	Parameter type: <Gpon::Digit> Format: - ASCII character string - length: x<=256	<i>optional parameter</i> <i>The parameter is not visible during modification.</i> specifies part 2 of the actual digit map ascii symbols with delimiter '1'
digitmap3	Parameter type: <Gpon::Digit> Format: - ASCII character string - length: x<=256	<i>optional parameter</i> <i>The parameter is not visible during modification.</i> specifies part 3 of the actual digit map ascii symbols with delimiter '1'
digitmap4	Parameter type: <Gpon::Digit> Format: - ASCII character string - length: x<=256	<i>optional parameter</i> <i>The parameter is not visible during modification.</i> specifies part 4 of the actual digit map ascii symbols with delimiter '1'

41.36 Create a RTP profile

Command Description

This command creates a RTP profile which provides information required by Real Time Protocol.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no rtp-profile (index) ) | ( rtp-profile (index) name <Gpon::RtpProfileName> [ no
local-port-min | local-port-min <Gpon::LocalPortMin> ] [ no local-port-max | local-port-max
<Gpon::LocalPortMax> ] [ no dscp | dscp <Gpon::Dscp> ] [ no piggy-back-event | piggy-back-event
<Gpon::PiggyBackEvent> ] [ no tone-event | tone-event <Gpon::ToneEvent> ] [ no dtmf-event | dtmf-event
<Gpon::DtmfEvent> ] [ no cas-event | cas-event <Gpon::CasEvent> ] )
```

Command Parameters

Table 41.36-1 "Create a RTP profile" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - access identifier - range: [1...10]	access identifier of rtp profile

Table 41.36-2 "Create a RTP profile" Command Parameters

Parameter	Type	Description
name	Parameter type: <Gpon::RtpProfileName> Format: - unique rtp profile name - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> unique rtp profile name
[no] local-port-min	Parameter type: <Gpon::LocalPortMin> Format: - Local port - range: [5000...65000]	<i>optional parameter with default value: 50000L</i> <i>The parameter is not visible during modification.</i> base rtp port for voice traffic
[no] local-port-max	Parameter type: <Gpon::LocalPortMax> Format: - Local port - range: [5000...65000]	<i>optional parameter with default value: 60000L</i> <i>The parameter is not visible during modification.</i> highest rtp port for voice traffic
[no] dscp	Parameter type: <Gpon::Dscp> Format: - dscp setting - range: [0...63]	<i>optional parameter with default value: 46L</i> <i>The parameter is not visible during modification.</i>

Parameter	Type	Description
		value of dscp setting to use in ip header
[no] piggy-back-event	Parameter type: <Gpon::PiggyBackEvent> Format: (disabled enabled) Possible values: - disabled : disabled rtp piggyback events - enabled : enabled rtp poggyback events	<i>optional parameter with default value: "disabled"</i> <i>The parameter is not visible during modification.</i> handling of rtp piggy back events
[no] tone-event	Parameter type: <Gpon::ToneEvent> Format: (disabled enabled) Possible values: - disabled : disabled rtp tone events - enabled : enabled rtp tone events	<i>optional parameter with default value: "disabled"</i> <i>The parameter is not visible during modification.</i> handling tones via rtp tones
[no] dtmf-event	Parameter type: <Gpon::DtmfEvent> Format: (disabled enabled) Possible values: - disabled : disabled rtp dtmf events - enabled : enabled rtp dtmf events	<i>optional parameter with default value: "disabled"</i> <i>The parameter is not visible during modification.</i> handling dtmf via rtp dtmf
[no] cas-event	Parameter type: <Gpon::CasEvent> Format: (disabled enabled) Possible values: - disabled : disabled rtp cas events - enabled : enabled rtp cas events	<i>optional parameter with default value: "disabled"</i> <i>The parameter is not visible during modification.</i> handling cas via rtp cas

41.37 Create a Voice Service profile

Command Description

This command creates a Voice Service profile which provides information required voice service function.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no voice-serv-prof (index) ) | ( voice-serv-prof (index) name
<Gpon::VoiceServiceProfileName> [ no securi-prof | securi-prof <Gpon::SecureUriProfilePointer> ] [ no
toneset-prof | toneset-prof <Gpon::ToneEventProfilePointer> ] [ no ringingset-prof | ringingset-prof
<Gpon::RingEventProfilePointer> ] [ no announce-type | announce-type <Gpon::AnnounceType> ] [ no jitter-target
| jitter-target <Gpon::JitterTarget> ] [ no jitter-max | jitter-max <Gpon::JitterMax> ] [ no echo-cancel | echo-cancel
<Gpon::EchoCancel> ] [ no dtmf-level | dtmf-level <Gpon::DtmfLevel> ] [ no dtmf-duration | dtmf-duration
<Gpon::DtmfDuration> ] [ no hook-flash-min | hook-flash-min <Gpon::HookFlashMin> ] [ no hook-flash-max |
hook-flash-max <Gpon::HookFlashMax> ] [ no pstn-variant | pstn-variant <Gpon::PstnVariant> ] )
```

Command Parameters

Table 41.37-1 "Create a Voice Service profile" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - access identifier - range: [1...10]	access identifier of voice service profile

Table 41.37-2 "Create a Voice Service profile" Command Parameters

Parameter	Type	Description
name	Parameter type: <Gpon::VoiceServiceProfileName> Format: - unique voip media profile name - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> unique voice service profile name
[no] securi-prof	Parameter type: <Gpon::SecureUriProfilePointer> Format: (none <Gpon::SecureUriProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::SecureUriProfilePointer> - profile index - range: [0...50]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> voice service security profile pointer

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] toneset-prof	Parameter type: <Gpon::ToneEventProfilePointer> Format: (none <Gpon::ToneEventProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ToneEventProfilePointer> - profile index - range: [0...5] 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>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> tone set profile it contains tone definitions
[no] ringingset-prof	Parameter type: <Gpon::RingEventProfilePointer> Format: (none <Gpon::RingEventProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingEventProfilePointer> - profile index - range: [0...5] 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>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> ringing set profile
[no] announce-type	Parameter type: <Gpon::AnnounceType> Format: (silence recorder-tone fast-busy voice not-applicable) Possible values: - silence : silence - recorder-tone : recorder type - fast-busy : fast busy - voice : voice - not-applicable : not applicable	<i>optional parameter with default value: 255L</i> <i>The parameter is not visible during modification.</i> treatment when subscriber goes off-hook
[no] jitter-target	Parameter type: <Gpon::JitterTarget> Format: - jitter target - range: [0...65535]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> target value of jitter buffer in msec
[no] jitter-max	Parameter type: <Gpon::JitterMax> Format: - jitter max - range: [0...65535]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i>

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Parameter	Type	Description
		max buffer value of jitter buffer in msec
[no] echo-cancel	Parameter type: <Gpon::EchoCancel> Format: (disabled enabled) Possible values: - disabled : disabled echo cancellation - enabled : enabled echo cancellation	<i>optional parameter with default value: 1L</i> <i>The parameter is not visible during modification.</i> enable or disable echo cancellation
[no] dtmf-level	Parameter type: <Gpon::DtmfLevel> Format: - dtmf level - range: [-25...-3,0]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> power level of dtmf tone
[no] dtmf-duration	Parameter type: <Gpon::DtmfDuration> Format: - dtmf duration - range: [0...65535]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> duration the tone being sent to subscriber
[no] hook-flash-min	Parameter type: <Gpon::HookFlashMin> Format: - hook flash min - range: [0...65535]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> minimum duration to determine a hook flash event
[no] hook-flash-max	Parameter type: <Gpon::HookFlashMax> Format: - hook flash max - range: [0...65535]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> maximum duration to determine a hook flash event
[no] pstn-variant	Parameter type: <Gpon::PstnVariant> Format: - country code for the pots line - range: [0...999]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> current country code for pots line

Command Output

Table 41.37-3 "Create a Voice Service profile" Display parameters

Specific Information		
name	Type	Description
securi-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	security profile pointer <i>This element is always shown.</i>
toneset-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	tone event profile pointer <i>This element is always shown.</i>
ringingset-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	ringing set event profile pointer <i>This element is always shown.</i>

41.38 Create a VOIP Application Service Profile

Command Description

This command creates a VOIP Application service profile which provides configuration information regarding calling features.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no voip-app-service (index) ) | ( voip-app-service (index) name
<Gpon::VoipAppProfileName> [ no calling-number | calling-number <Gpon::CidCallingNumber> ] [ no
calling-name | calling-name <Gpon::CidCallingName> ] [ no caller-id-block | caller-id-block
<Gpon::CidCidBlock> ] [ no caller-id-number | caller-id-number <Gpon::CidCidNumber> ] [ no caller-id-name |
caller-id-name <Gpon::CidCidName> ] [ no anonymous-block | anonymous-block <Gpon::CidAcr> ] [ no
call-waiting | call-waiting <Gpon::CwaitCallWaiting> ] [ no callerid-announce | callerid-announce
<Gpon::CwaitIdAnnounce> ] [ no three-way-calling | three-way-calling <Gpon::Ctrans3WayCalling> ] [ no
call-transfer | call-transfer <Gpon::CtransCallTransfer> ] [ no call-hold | call-hold <Gpon::CtransCallHold> ] [ no
call-park | call-park <Gpon::CtransCallPark> ] [ no do-not-disturb | do-not-disturb <Gpon::CtransDoNotDisturb> ]
[ no flash-on-emerg-cal | flash-on-emerg-cal <Gpon::CtransFlashOnEmergency> ] [ no emer-ser-org-hold |
emer-ser-org-hold <Gpon::CtransEmergencyServiceOrginateHold> ] [ no six-way-calling | six-way-calling
<Gpon::Ctrans6WayCalling> ] [ no mwi-splash-ring | mwi-splash-ring <Gpon::CpresentMwiSplashRing> ] [ no
mwi-spl-dialtone | mwi-spl-dialtone <Gpon::CpresentMwiSpecialDialtone> ] [ no mwi-visual-indi |
mwi-visual-indi <Gpon::CpresentMwiVisualIndication> ] [ no call-fwd-indicate | call-fwd-indicate
<Gpon::CpresentCallFwdIndicate> ] [ no dir-conn-feature | dir-conn-feature <Gpon::DirConnFeature> ] [ no
dialtone-dely-opt | dialtone-dely-opt <Gpon::DialtoneDelayOpt> ] [ no dir-conn-prof | dir-conn-prof
<Gpon::DirConnectProfilePointer> ] [ no bridge-prof | bridge-prof <Gpon::BridgeProfilePointer> ] [ no conf-prof |
conf-prof <Gpon::ConfProfilePointer> ] )
```

Command Parameters

Table 41.38-1 "Create a VOIP Application Service Profile" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - access identifier - range: [1...20]	an access identifier index

Table 41.38-2 "Create a VOIP Application Service Profile" Command Parameters

Parameter	Type	Description
name	Parameter type: <Gpon::VoipAppProfileName> Format: - unique voip app profile name - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> unique voip app service profile

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Parameter	Type	Description
[no] calling-number	Parameter type: <Gpon::CidCallingNumber> Format: (disable enable) Possible values: - disable : disable - enable : enable	name <i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> caller id supports calling number
[no] calling-name	Parameter type: <Gpon::CidCallingName> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> caller id supports calling name
[no] caller-id-block	Parameter type: <Gpon::CidCidBlock> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> block both cid number and name
[no] caller-id-number	Parameter type: <Gpon::CidCidNumber> Format: (public private) Possible values: - public : disable - private : enable	<i>optional parameter with default value: "public"</i> <i>The parameter is not visible during modification.</i> permanent presentation status for number
[no] caller-id-name	Parameter type: <Gpon::CidCidName> Format: (public private) Possible values: - public : disable - private : enable	<i>optional parameter with default value: "public"</i> <i>The parameter is not visible during modification.</i> permanent presentation status for name
[no] anonymous-block	Parameter type: <Gpon::CidAcr> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> anonymous cid blocking
[no] call-waiting	Parameter type: <Gpon::CwaitCallWaiting> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> call waiting feature supported
[no] callerid-announce	Parameter type: <Gpon::CwaitIdAnnounce> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> caller id announcement feature supported

Parameter	Type	Description
[no] three-way-calling	Parameter type: <Gpon::Ctrans3WayCalling> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> 3 way calling
[no] call-transfer	Parameter type: <Gpon::CtransCallTransfer> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> call transfer supported
[no] call-hold	Parameter type: <Gpon::CtransCallHold> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> call hold
[no] call-park	Parameter type: <Gpon::CtransCallPark> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> call park
[no] do-not-disturb	Parameter type: <Gpon::CtransDoNotDisturb> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> do not disturb
[no] flash-on-emerg-cal	Parameter type: <Gpon::CtransFlashOnEmergency> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> flash on emergency call
[no] emer-ser-org-hold	Parameter type: <Gpon::CtransEmergencyServiceOriginateHold> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> emergency service originate hold
[no] six-way-calling	Parameter type: <Gpon::Ctrans6WayCalling> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> <i>The parameter is not visible during modification.</i> 6 way calling

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Parameter	Type	Description
[no] mwi-splash-ring	Parameter type: <Gpon::CpresentMwiSplashRing> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> The parameter is not visible during modification. message waiting indication splash ring
[no] mwi-spl-dialtone	Parameter type: <Gpon::CpresentMwiSpecialDialtone> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> The parameter is not visible during modification. message waiting indication special dial tone
[no] mwi-visual-indi	Parameter type: <Gpon::CpresentMwiVisualIndication> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> The parameter is not visible during modification. message waiting indication visual indication
[no] call-fwd-indicate	Parameter type: <Gpon::CpresentCallFwdIndicate> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> The parameter is not visible during modification. call forwarding indication
[no] dir-conn-feature	Parameter type: <Gpon::DirConnFeature> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> The parameter is not visible during modification. direct connect feature
[no] dialtone-dely-opt	Parameter type: <Gpon::DialtoneDelayOpt> Format: (disable enable) Possible values: - disable : disable - enable : enable	<i>optional parameter with default value: "disable"</i> The parameter is not visible during modification. dial tone delay option
[no] dir-conn-prof	Parameter type: <Gpon::DirConnectProfilePointer> Format: (none <Gpon::DirConnectProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::DirConnectProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: 0L</i> The parameter is not visible during modification. secure uri profile that contains ip of address of direct connect

Parameter	Type	Description
[no] bridge-prof	Parameter type: <Gpon::BridgeProfilePointer> Format: (none <Gpon::BridgeProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::BridgeProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> secure uri profile that contains ip address of bridge line agent
[no] conf-prof	Parameter type: <Gpon::ConfProfilePointer> Format: (none <Gpon::ConfProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::ConfProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> secure uri profile that contains ip address of conference factory

Command Output

Table 41.38-3 "Create a VOIP Application Service Profile" Display parameters

Specific Information		
name	Type	Description
dir-conn-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the secure uri profile pointer <i>This element is always shown.</i>
bridge-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the secure uri profile pointer <i>This element is always shown.</i>
conf-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the secure uri profile pointer <i>This element is always shown.</i>

41.39 Create a VOIP media profile

Command Description

This command creates a VOIP media profile which provides information pertaining to voice encoding.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no voip-media-prof (index) ) | ( voip-media-prof (index) name
<Gpon::VoipMediaProfileName> [ no voiceserviceprof | voiceserviceprof <Gpon::VoiceServiceProfilePointer> ] [
no rtp-prof | rtp-prof <Gpon::RtpProfilePointer> ] [ no fax-mode | fax-mode <Gpon::FaxMode> ] [ no codec1st |
codec1st <Gpon::CodecOrder> ] [ no pkt-period1st | pkt-period1st <Gpon::PktPeriodOrd> ] [ no silence1st |
silence1st <Gpon::SilenceOrder> ] [ no codec2nd | codec2nd <Gpon::CodecOrder> ] [ no pkt-period2nd |
pkt-period2nd <Gpon::PktPeriodOrd> ] [ no silence2nd | silence2nd <Gpon::SilenceOrder> ] [ no codec3rd |
codec3rd <Gpon::CodecOrder> ] [ no pkt-period3rd | pkt-period3rd <Gpon::PktPeriodOrd> ] [ no silence3rd |
silence3rd <Gpon::SilenceOrder> ] [ no codec4th | codec4th <Gpon::CodecOrder> ] [ no pkt-period4th |
pkt-period4th <Gpon::PktPeriodOrd> ] [ no silence4th | silence4th <Gpon::SilenceOrder> ] [ no outofband-dtmf |
outofband-dtmf <Gpon::OutOfBand> ] )
```

Command Parameters

Table 41.39-1 "Create a VOIP media profile" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - access identifier - range: [1...10]	access identifier of voip media profile

Table 41.39-2 "Create a VOIP media profile" Command Parameters

Parameter	Type	Description
name	Parameter type: <Gpon::VoipMediaProfileName> Format: - unique voip media profile name - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> unique voip media profile name
[no] voiceserviceprof	Parameter type: <Gpon::VoiceServiceProfilePointer> Format: (none <Gpon::VoiceServiceProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::VoiceServiceProfilePointer>	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> voice service profile pointer

Parameter	Type	Description
	<ul style="list-style-type: none"> - profile index - range: [0...10] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] rtp-prof	Parameter type: <Gpon::RtpProfilePointer> Format: (none <Gpon::RtpProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RtpProfilePointer> - profile index - range: [0...10] 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>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> rtp profile
[no] fax-mode	Parameter type: <Gpon::FaxMode> Format: (passthru t.38) Possible values: - passthru : passthru mode - t.38 : t.38 mode	<i>optional parameter with default value: "passthru"</i> <i>The parameter is not visible during modification.</i> defines how to handle fax calls
[no] codec1st	Parameter type: <Gpon::CodecOrder> Format: (pcmu unknown unknown gsm g723 div4.8 div4.16 lpc pcma g722 116.2 116.1 qcelp cn mpa g728 div4.11 div4.22 g729) Possible values: - pcmu : pcmu - unknown : reserved - unknown : reserved - gsm : gsm - g723 : g723 - div4.8 : div4.8 - div4.16 : div4.16	<i>optional parameter with default value: "pcmu"</i> <i>The parameter is not visible during modification.</i> codec selection option

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Parameter	Type	Description
	<ul style="list-style-type: none"> - lpc : lpc - pcma : pcma - g722 : g722 - 116.2 : 116.2 - 116.1 : 116.1 - qcelp : qcelp - cn : cn - mpa : mpa - g728 : g728 - div4.11 : div4.11 - div4.22 : div4.22 - g729 : g729 	
[no] pkt-period1st	Parameter type: <Gpon::PktPeriodOrd> Format: - packet period order - range: [10...30]	<i>optional parameter with default value: 10L</i> <i>The parameter is not visible during modification.</i> packet period selection option
[no] silence1st	Parameter type: <Gpon::SilenceOrder> Format: (off on) Possible values: - off : off - on : on	<i>optional parameter with default value: "off"</i> <i>The parameter is not visible during modification.</i> silence suppression selection mode
[no] codec2nd	Parameter type: <Gpon::CodecOrder> Format: (pcmu unknown unknown gsm g723 div4.8 div4.16 lpc pcma g722 116.2 116.1 qcelp cn mpa g728 div4.11 div4.22 g729) Possible values: - pcmu : pcmu - unknown : reserved - unknown : reserved - gsm : gsm - g723 : g723 - div4.8 : div4.8 - div4.16 : div4.16 - lpc : lpc - pcma : pcma - g722 : g722 - 116.2 : 116.2	<i>optional parameter with default value: "pcmu"</i> <i>The parameter is not visible during modification.</i> codec selection option

Parameter	Type	Description
	<ul style="list-style-type: none"> - l16.1 : l16.1 - qcelp : qcelp - cn : cn - mpa : mpa - g728 : g728 - div4.11 : div4.11 - div4.22 : div4.22 - g729 : g729 	
[no] pkt-period2nd	Parameter type: <Gpon::PktPeriodOrd> Format: <ul style="list-style-type: none"> - packet period order - range: [10...30] 	<i>optional parameter with default value: 10L</i> <i>The parameter is not visible during modification.</i> packet period selection option
[no] silence2nd	Parameter type: <Gpon::SilenceOrder> Format: (off on) Possible values: <ul style="list-style-type: none"> - off : off - on : on 	<i>optional parameter with default value: "off"</i> <i>The parameter is not visible during modification.</i> silence suppression selection mode
[no] codec3rd	Parameter type: <Gpon::CodecOrder> Format: (pcmu unknown unknown gsm g723 div4.8 div4.16 lpc pcma g722 l16.2 l16.1 qcelp cn mpa g728 div4.11 div4.22 g729) Possible values: <ul style="list-style-type: none"> - pcmu : pcmu - unknown : reserved - unknown : reserved - gsm : gsm - g723 : g723 - div4.8 : div4.8 - div4.16 : div4.16 - lpc : lpc - pcma : pcma - g722 : g722 - l16.2 : l16.2 - l16.1 : l16.1 - qcelp : qcelp - cn : cn - mpa : mpa 	<i>optional parameter with default value: "pcmu"</i> <i>The parameter is not visible during modification.</i> codec selection option

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Parameter	Type	Description
	<ul style="list-style-type: none"> - g728 : g728 - div4.11 : div4.11 - div4.22 : div4.22 - g729 : g729 	
[no] pkt-period3rd	Parameter type: <Gpon::PktPeriodOrd> Format: - packet period order - range: [10...30]	<i>optional parameter with default value: 10L</i> <i>The parameter is not visible during modification.</i> packet period selection option
[no] silence3rd	Parameter type: <Gpon::SilenceOrder> Format: (off on) Possible values: - off : off - on : on	<i>optional parameter with default value: "off"</i> <i>The parameter is not visible during modification.</i> silence suppression selection mode
[no] codec4th	Parameter type: <Gpon::CodecOrder> Format: (pcmu unknown unknown gsm g723 div4.8 div4.16 lpc pcma g722 116.2 116.1 qcelp cn mpa g728 div4.11 div4.22 g729) Possible values: - pcmu : pcmu - unknown : reserved - unknown : reserved - gsm : gsm - g723 : g723 - div4.8 : div4.8 - div4.16 : div4.16 - lpc : lpc - pcma : pcma - g722 : g722 - 116.2 : 116.2 - 116.1 : 116.1 - qcelp : qcelp - cn : cn - mpa : mpa - g728 : g728 - div4.11 : div4.11 - div4.22 : div4.22 - g729 : g729	<i>optional parameter with default value: "pcmu"</i> <i>The parameter is not visible during modification.</i> codec selection option

Parameter	Type	Description
[no] pkt-period4th	Parameter type: <Gpon::PktPeriodOrd> Format: - packet period order - range: [10...30]	<i>optional parameter with default value: 10L</i> <i>The parameter is not visible during modification.</i> packet period selection option
[no] silence4th	Parameter type: <Gpon::SilenceOrder> Format: (off on) Possible values: - off : off - on : on	<i>optional parameter with default value: "off"</i> <i>The parameter is not visible during modification.</i> silence suppression selection mode
[no] outofband-dtmf	Parameter type: <Gpon::OutOfBand> Format: (disabled enabled) Possible values: - disabled : dtmf are carried in pcm streams - enabled : dtmf signals are carried out of band	<i>optional parameter with default value: "enabled"</i> <i>The parameter is not visible during modification.</i> selects out of band dtmf carriage

Command Output

Table 41.39-3 "Create a VOIP media profile" Display parameters

Specific Information		
name	Type	Description
voiceserviceprof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	voice service profile pointer <i>This element is always shown.</i>
rtp-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	rtp profile pointer <i>This element is always shown.</i>

41.40 GPON Ringing Pattern Profile Configuration Command

Command Description

This command creates a profile that defines a ringing segment including duration or whether it is silent. Multiple ringing segment profiles are used to specify the ringing that will be applied to the analog line to ring the phone. Only two types of ringing are supported ("normal" or "splash") are supported via this method..

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no ring-seg-prof (index) ) | ( ring-seg-prof (index) name <AsamProfileName> [ no
profile-ring | profile-ring <Gpon::ProfileRing> ] ring-duration <Gpon::RingDuration> )
```

Command Parameters

Table 41.40-1 "GPON Ringing Pattern Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...20]	index of profile

Table 41.40-2 "GPON Ringing Pattern Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> name of profile
[no] profile-ring	Parameter type: <Gpon::ProfileRing> Format: (ringing silent) Possible values: - ringing : supplies ringing - silent : specifies a silent period	<i>optional parameter with default value: "ringing"</i> <i>The parameter is not visible during modification.</i> Ringing sequence profile.
ring-duration	Parameter type: <Gpon::RingDuration> Format: - duration of the tone segment in (msec). - unit: msec	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> Valid values are 0 to 65535 (0 to

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Parameter	Type	Description
	- range: [0...65535]	65.535 seconds) A value of 0 means ring indefinitely until a call event occurs causing ringing to be removed from the lineDuration of the tone segment (in msec)

41.41 GPON Ringing Pattern Sequence Profile Configuration Command

Command Description

This command creates a profile that defines a ringing sequence by serially identifying ring segment profiles to associate for a ringing sequence

NOTE: Segment 1 is mandatory to be entered. The remainders are optional. Other than the zero value (profile ID), the same Ring pattern cannot be referenced more than twice within the same profile. To cause a repeating sequence, reuse the profile ID from pattern1 or name from that first profile reference to define the looping of ring segments. These patterns represent the play order of the ring segments

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no ring-seq-prof (index) ) | ( ring-seq-prof (index) name <AsamProfileName> pattern1
<Gpon::RingingProf> [ no pattern2 | pattern2 <Gpon::RingingProfPointer> ] [ no pattern3 | pattern3
<Gpon::RingingProfPointer> ] [ no pattern4 | pattern4 <Gpon::RingingProfPointer> ] [ no pattern5 | pattern5
<Gpon::RingingProfPointer> ] )
```

Command Parameters

Table 41.41-1 "GPON Ringing Pattern Sequence Profile Configuration Command " Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...20]	index of profile

Table 41.41-2 "GPON Ringing Pattern Sequence Profile Configuration Command " Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> name of profile
pattern1	Parameter type: <Gpon::RingingProf> Format: (<Gpon::RingingSetProfilePtr>	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i>

Parameter	Type	Description
	name : <AsamProfileName>) Possible values: - name : profile name Field type <Gpon::RingingSetProfilePtr> - profile index - range: [0...20] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	ring segment profile
[no] pattern2	Parameter type: <Gpon::RingingProfPointer> Format: (none <Gpon::RingingSetProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingSetProfilePtr> - profile index - range: [0...20] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> ring segment profile
[no] pattern3	Parameter type: <Gpon::RingingProfPointer> Format: (none <Gpon::RingingSetProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingSetProfilePtr> - profile index - range: [0...20] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> ring segment profile
[no] pattern4	Parameter type: <Gpon::RingingProfPointer> Format: (none <Gpon::RingingSetProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingSetProfilePtr> - profile index - range: [0...20] 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> ring segment profile
[no] pattern5	Parameter type: <Gpon::RingingProfPointer> Format:	<i>optional parameter with default value: "none"</i>

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Parameter	Type	Description
	(none <Gpon::RingingSetProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingSetProfilePtr> - profile index - range: [0...20] 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>The parameter is not visible during modification.</i> ring segment profile

41.42 GPON Ring Event Profile Configuration

Command

Command Description

This command can be used to create a profile that contains the associations of ringing sequence profiles or file ids to ringing selections. Note, this profile supports either method for making this association (use of the ringing sequence profile or identifying a file on the ONT that defines the ringing).

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no ringing-profile (index) ) | ( ringing-profile (index) name <AsamProfileName> [ no
ringing-seq-prof | ringing-seq-prof <Gpon::RingingseqPointer> ] [ no ringing-file-prof | ringing-file-prof
<Gpon::RingingfilePointer> ] [ no ringing-repeat | ringing-repeat <Gpon::RingRepeat> ] [ no splash-seq-prof |
splash-seq-prof <Gpon::RingingseqPointer> ] [ no splash-file-prof | splash-file-prof <Gpon::RingingfilePointer> ] [
no splash-repeat | splash-repeat <Gpon::SplashRepeat> ] )
```

Command Parameters

Table 41.42-1 "GPON Ring Event Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...5]	index of profile

Table 41.42-2 "GPON Ring Event Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> name of profile
[no] ringing-seq-prof	Parameter type: <Gpon::RingingseqPointer> Format: (none <Gpon::RingingFileProfPoint> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name	<i>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> ringing sequence profile

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Parameter	Type	Description
	Field type <Gpon::RingingFileProfPoint> - profile index - 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.	
[no] ringing-file-prof	Parameter type: <Gpon::RingingfilePointer> Format: (none <Gpon::RingingFileProfPoint> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingFileProfPoint> - profile index - 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> uri profile that contains the location of the file that contains the ringing definition
[no] ringing-repeat	Parameter type: <Gpon::RingRepeat> Format: - Specifies how many times the ringing file is to be repeated for a ringing event - range: [0...10]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> Specifies how many times the ringing file is to be repeated for a ringing event. Valid range is 0..10. Default of 0 means repeats until the end of the tone event.
[no] splash-seq-prof	Parameter type: <Gpon::RingingseqPointer> Format: (none <Gpon::RingingFileProfPoint> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingFileProfPoint> - profile index - 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>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> Splash ringing sequence profile
[no] splash-file-prof	Parameter type: <Gpon::RingingfilePointer> Format: (none <Gpon::RingingFileProfPoint> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::RingingFileProfPoint> - profile index - range: [0...100]	<i>optional parameter with default value: "none"</i> <i>The parameter is not visible during modification.</i> Splash ringing sequence profile

Parameter	Type	Description
	Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] splash-repeat	Parameter type: <Gpon::SplashRepeat> Format: - Specifies how many times the ringing file is to be repeated for a ringing event. - range: [0...10]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> Specifies how many times the ringing file is to be repeated for a ringing event. Valid range is 0..10. Default of 0 means repeats until the end of the tone event.

Command Output

Table 41.42-3 "GPON Ring Event Profile Configuration Command" Display parameters

Specific Information		
name	Type	Description
ringing-seq-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the default uri profile <i>This element is only shown in detail mode.</i>
ringing-file-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the default uri profile <i>This element is only shown in detail mode.</i>
splash-seq-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the default uri profile <i>This element is only shown in detail mode.</i>
splash-file-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the default uri profile <i>This element is only shown in detail mode.</i>

41.43 GPON VOIP Feature Access Codes Profile Configuration Command

Command Description

This command creates a profile that defines a set of Feature Access Codes.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no feat-acccode-prof (index) ) | ( feat-acccode-prof (index) name <AsamProfileName> [ no
cancel-call-wait | cancel-call-wait <Gpon::Accesscode> ] [ no hold | hold <Gpon::Accesscode> ] [ no park | park
<Gpon::Accesscode> ] [ no act-caller-id | act-caller-id <Gpon::Accesscode> ] [ no deact-caller-id | deact-caller-id
<Gpon::Accesscode> ] [ no act-dnd | act-dnd <Gpon::Accesscode> ] [ no deact-dnd | deact-dnd
<Gpon::Accesscode> ] [ no dnd-pin | dnd-pin <Gpon::Accesscode> ] [ no emergency | emergency
<Gpon::Accesscode> ] [ no intercom | intercom <Gpon::Accesscode> ] [ no attend-call-trans | attend-call-trans
<Gpon::Accesscode> ] [ no blind-call-trans | blind-call-trans <Gpon::Accesscode> ] )
```

Command Parameters

Table 41.43-1 "GPON VOIP Feature Access Codes Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: - profile index - range: [1...20]	feature access codes profile.

Table 41.43-2 "GPON VOIP Feature Access Codes Profile Configuration Command" Command Parameters

Parameter	Type	Description
name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> name of profile
[no] cancel-call-wait	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to cancel call waiting.

Parameter	Type	Description
[no] hold	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to hold a call
[no] park	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to park a call
[no] act-caller-id	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to activate caller id.
[no] deact-caller-id	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to deactivate caller id.
[no] act-dnd	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to activate do not disturb
[no] deact-dnd	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to de-activate do not disturb
[no] dnd-pin	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to to change the do not disturb pin.
[no] emergency	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to set the emergency service number.
[no] intercom	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to enable intercom service
[no] attend-call-trans	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> access code to select attended call transfer behavior.

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Parameter	Type	Description
[no] blind-call-trans	Parameter type: <Gpon::Accesscode> Format: - access code - range: [0-9*#] - length: x<=5	<i>optional parameter with default value: ""</i> <i>The parameter is not visible during modification.</i> select unattended call transfer behavior.

41.44 GPON Common VOIP Configuration Command

Command Description

This command creates the common VoIP configuration for the ONT. It must be created after creating an IP Host on the ONT. It ties directly to the IP Host via the AID. Note, only one VoIP client can be supported in an ONT at this time.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no voip-config (voip-index) ) | ( voip-config (voip-index) protocol <Gpon::VoipProtocol> [
no conf-method | conf-method <Gpon::ConfMethod> ] [ no securi-prof | securi-prof <Gpon::SecuriProf> ] )
```

Command Parameters

Table 41.44-1 "GPON Common VOIP Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(voip-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>	a unique interface index

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - the subchannel group identifier Field type <Eqpt::Ng2OntId> <ul style="list-style-type: none"> - the NG2 ONT identifier Field type <Gpon::IpHostID> <ul style="list-style-type: none"> - iphost id Field type <Ng2::IpHostID> <ul style="list-style-type: none"> - iphost id (ngpon2) 	

Table 41.44-2 "GPON Common VOIP Configuration Command" Command Parameters

Parameter	Type	Description
protocol	Parameter type: <Gpon::VoipProtocol> Format: (sip h248) Possible values: - sip : sip signalling protocol - h248 : h248 signalling protocol	<i>mandatory parameter</i> protocol
[no] conf-method	Parameter type: <Gpon::ConfMethod> Format: (omci ftp) Possible values: - omci : FTP Server - ftp : FTP Server	<i>optional parameter with default value: "omci"</i> configuration method
[no] securi-prof	Parameter type: <Gpon::SecuriProf> Format: (none <Gpon::SecuriProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::SecuriProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> securi prof

41.45 GPON Voice ONT POTS Rtp PM Mode Configuration Command

Command Description

This command allows the operator to configure the PM Mode of ONT POTS Rtp monitoring.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont pots-rtp (uni-index) [ no pm-collect | pm-collect <Gpon::OntPmCollect> ]
```

Command Parameters

Table 41.45-1 "GPON Voice ONT POTS Rtp PM Mode Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(uni-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId>) 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::OntId> - the ONT identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId>	gpon ont port index

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Resource Identifier	Type	Description
	<ul style="list-style-type: none">- the ONT identifier Field type <Gpon::OntSlotId> <ul style="list-style-type: none">- Gpon Ont Slot - range: [1...14] <ul style="list-style-type: none">- Gpon Ont PotsPort Field type <Gpon::OntPotsPortId> <ul style="list-style-type: none">- Gpon Ont Pots Port - range: [1...24]	

Table 41.45-2 "GPON Voice ONT POTS Rtp PM Mode Configuration Command" Command Parameters

Parameter	Type	Description
[no] pm-collect	Parameter type: <Gpon::OntPmCollect> Format: (enable disable) Possible values: - enable : enable PM - disable : disable PM	<i>optional parameter with default value: "disable"</i> ONT POTS Rtp performance monitoring

41.46 GPON ONT SIP Configuration Command

Command Description

This command creates the SIP configuration for the ONT. It must be created after creating a VOIP Configuration on the ONT. Note, only one VoIP client can be supported in an ONT at this time.

NOTE:

OLT prohibits the entry of the following range of well-known IP addresses for the parameters primary-dns and secondary-dns:

224.0.0.0 to 239.255.255.255 (multicast)

127.0.0.0 to 127.255.255.255 (loopback)

255.255.255.255 (broadcast)

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no sip-config (sip-index) ) | ( sip-config (sip-index) [ no proxyserv-prof | proxyserv-prof
<Gpon::UriProfileName> ] [ no outproxyserv-prof | outproxyserv-prof <Gpon::UriProfileName> ] [ no primary-dns
| primary-dns <Gpon::IpAddress> ] [ no secondary-dns | secondary-dns <Gpon::IpAddress> ] [ no reg-expire-time |
reg-expire-time <Gpon::RegExpireTime> ] [ no re-reg-head-start | re-reg-head-start <Gpon::ReRegHeadStart> ] [
no aor-host-prt-prof | aor-host-prt-prof <Gpon::UriProfileName> ] [ no registrar-prof | registrar-prof
<Gpon::SecuriProf> ] [ no soft-sw-vendor | soft-sw-vendor <Gpon::SwVendor> ] [ no opt-tx-cntrl | opt-tx-cntrl
<Gpon::OpticalTxCntrl> ] [ no uri-format | uri-format <Gpon::UriFormat> ] [ no dscp | dscp <Gpon::SigDscp> ] [
no udp-port | udp-port <Gpon::SipUdpPort> ] )
```

Command Parameters

Table 41.46-1 "GPON ONT SIP Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(sip-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	SIP ONT index

Resource Identifier	Type	Description
	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> - iphost id (ngpon2)	

Table 41.46-2 "GPON ONT SIP Configuration Command" Command Parameters

Parameter	Type	Description
[no] proxyserv-prof	Parameter type: <Gpon::UriProfileName> Format: (none <Gpon:UriProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : 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>optional parameter with default value: "none"</i> URI profile of the SIP proxy server for SIP signaling messages
[no] outproxyserv-prof	Parameter type: <Gpon::UriProfileName> Format: (none <Gpon:UriProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : 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>optional parameter with default value: "none"</i> URI profile of the outbound SIP proxy server for SIP signaling messages
[no] primary-dns	Parameter type: <Gpon::IpAddress> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> primary SIP DNS server ip address

Parameter	Type	Description
[no] secondary-dns	Parameter type: <Gpon::IpAddress> Format: - IPv4-address	<i>optional parameter with default value: "0.0.0.0"</i> secondary SIP DNS server ip address
[no] reg-expire-time	Parameter type: <Gpon::RegExpireTime> Format: - sip registration expiration time - unit: sec - range: [0...86400]	<i>optional parameter with default value: "3600"</i> SIP registration expiration time
[no] re-reg-head-start	Parameter type: <Gpon::ReRegHeadStart> Format: - Re-registration head start time - unit: sec - range: [0...600]	<i>optional parameter with default value: "360"</i> re-registration head start time
[no] aor-host-prt-prof	Parameter type: <Gpon::UriProfileName> Format: (none <Gpon:UriProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : 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>optional parameter with default value: "none"</i> URI profile that contains the host or domain part of the SIP address of record
[no] registrar-prof	Parameter type: <Gpon::SecuriProf> Format: (none <Gpon::SecuriProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::SecuriProfilePointer> - profile index - range: [0...50] 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>optional parameter with default value: "none"</i> URI profile of the registrar server
[no] soft-sw-vendor	Parameter type: <Gpon::SwVendor> Format: - name of the sip gateway softswitch vendor - range: [A-Z] - length: x<=4	<i>optional parameter with default value: ""</i> name of the SIP gateway softswitch vendor
[no] opt-tx-cntrl	Parameter type: <Gpon::OpticalTxCntrl> Format: (disable enable) Possible values: - disable : disable optional transmission control - enable : enable optional transmission control	<i>optional parameter with default value: "disable"</i> optional transmission control indicating whether the ONT is enabled/disabled to transmit value options

Parameter	Type	Description
[no] uri-format	Parameter type: <Gpon::UriFormat> Format: (tel-uri sip-uri) Possible values: - tel-uri : tel uri format - sip-uri : sip uri format	<i>optional parameter with default value: "tel-uri"</i> URI format to specify the format of the URI in outgoing SIP messages
[no] dscp	Parameter type: <Gpon::SigDscp> Format: - dscp value - range: [0...63]	<i>optional parameter with default value: "24"</i> dscp setting value to use in the ip header of outgoing SIP signaling packets
[no] udp-port	Parameter type: <Gpon::SipUdpPort> Format: - udp port - range: [5000...6000]	<i>optional parameter with default value: "5060"</i> <i>The parameter is not visible during modification.</i> specifies the udp port number to be used for SIP signaling messages

Command Output

Table 41.46-3 "GPON ONT SIP Configuration Command" Display parameters

Specific Information		
name	Type	Description
proxyserv-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the URI profile that contains the ip address of the SIP proxy server for SIP signaling messages. <i>This element is always shown.</i>
outproxyserv-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the URI profile that contains the ip address of the outbound SIP proxy server for SIP signaling messages. <i>This element is always shown.</i>
aor-host-prt-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the URI profile that contains the host or domain part of the SIP address of record. <i>This element is always shown.</i>
registrar-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the secure URI profile that contains the IP address of the registrar server. <i>This element is always shown.</i>

41.47 Voice Ont SIP Agent PM Mode Configuration Command

Command Description

This command allows the operator to configure the PM Mode of ONT SIP Agent monitoring.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont sip-agent (ont-index) [ no pm-collect | pm-collect <Gpon::PmEnable> ]
```

Command Parameters

Table 41.47-1 "Voice Ont SIP Agent PM Mode Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(ont-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	ont index

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Resource Identifier	Type	Description
	Field type <Gpon::IpHostID> - iphost id Field type <Ng2::IpHostID> - iphost id (ngpon2)	

Table 41.47-2 "Voice Ont SIP Agent PM Mode Configuration Command" Command Parameters

Parameter	Type	Description
[no] pm-collect	Parameter type: <Gpon::PmEnable> Format: (disable enable) Possible values: - disable : disable the collection - enable : enable the collection	<i>optional parameter with default value: "disable"</i> performance mode state

41.48 Voice Ont SIP Agent Call PM Mode Configuration Command

Command Description

This command allows the operator to configure the PM Mode of ONT SIP Agent Call monitoring.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont sip-call (ont-index) [ no pm-collect | pm-collect <Gpon::PmEnable> ]
```

Command Parameters

Table 41.48-1 "Voice Ont SIP Agent Call PM Mode Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(ont-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>	ont index

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Resource Identifier	Type	Description
	<ul style="list-style-type: none">- the NG2 ONT identifier Field type <Gpon::IpHostID>- iphost id Field type <Ng2::IpHostID>- iphost id (ngpon2)	

Table 41.48-2 "Voice Ont SIP Agent Call PM Mode Configuration Command" Command Parameters

Parameter	Type	Description
[no] pm-collect	<p>Parameter type: <Gpon::PmEnable></p> <p>Format: (disable enable)</p> <p>Possible values: - disable : disable the collection - enable : enable the collection</p>	<i>optional parameter with default value: "disable"</i> performance mode state

41.49 Configure ont POT SIP

Command Description

This command edits a POT's port's SIP parameter for those line using SIP instead of MGC.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont voice-sip-port (pots-index) [ no user-aor | user-aor <Gpon::UserAddress> ] [ no display-name
| display-name <Gpon::DisplayName> ] [ no val-scheme | val-scheme <Gpon::AuthSecValScheme> ] [ no
user-name | user-name <Gpon::AuthUserName> ] [ no password | password <Security::Password5> ] [ no realm |
realm <Gpon::Realm> ] [ no voice-mail-prof | voice-mail-prof <Gpon::VoiceMailProfilePointer> ] [ no
voice-mail-to | voice-mail-to <Gpon::VoiceMailTo> ] [ no ntwk-dp-prof | ntwk-dp-prof
<Gpon::NetDialPlanProfilePointer> ] [ no app-serv-prof | app-serv-prof <Gpon::AppServProfilePointer> ] [ no
ac-code-prof | ac-code-prof <Gpon::AccessCodeProfilePointer> ] [ no rlstimer | rlstimer <Gpon::RlsTimer> ] [ no
rohtimer | rohtimer <Gpon::RohTimer> ]
```

Command Parameters

Table 41.49-1 "Configure ont POT SIP" Resource Parameters

Resource Identifier	Type	Description
(pots-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId>) 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::OntId> - the ONT identifier Field type <Ng2::ChannelGroup> - channel group number	an ontpots access identifier index

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Resource Identifier	Type	Description
	Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Field type <Gpon::OntSlotId> - Gpon Ont Slot - range: [1...14] Field type <Gpon::OntPotsPortId> - Gpon Ont Pots Port - range: [1...24]	

Table 41.49-2 "Configure ont POT SIP" Command Parameters

Parameter	Type	Description
[no] user-aor	Parameter type: <Gpon::UserAddress> Format: - user identification - length: x<=50	<i>optional parameter with default value: ""</i> user address of record
[no] display-name	Parameter type: <Gpon::DisplayName> Format: - customer id used to display name in outgoing sip message - length: x<=25	<i>optional parameter with default value: ""</i> customer ID user for display name
[no] val-scheme	Parameter type: <Gpon::AuthSecValScheme> Format: (disabled md5-digest basic-authentic) Possible values: - disabled : Validation disabled - md5-digest : validate using md5 digest authentication - basic-authentic : Validate using basic authentication	<i>optional parameter with default value: "disabled"</i> validation scheme required for authentication
[no] user-name	Parameter type: <Gpon::AuthUserName> Format: - user name required for authentication - length: x<=50	<i>optional parameter with default value: ""</i> user name required for authentication
[no] password	Parameter type: <Security::Password5> Format: (prompt plain : <Security::PlainPassword5>) Possible values: - prompt : prompts the operator for a password - plain : the password in plain text Field type <Security::PlainPassword5> - authentication string - length: x<=25	<i>optional parameter with default value: "plain : "</i> password string hidden from users
[no] realm	Parameter type: <Gpon::Realm> Format: - realm required for authentication - length: x<=25	<i>optional parameter with default value: ""</i> realm for authentication
[no] voice-mail-prof	Parameter type: <Gpon::VoiceMailProfilePointer> Format: (none <Gpon::VoiceMailProfilePointer> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : profile name Field type <Gpon::VoiceMailProfilePointer>	<i>optional parameter with default value: 0L</i> voice mail profile contains sip voice-mail information

Parameter	Type	Description
	<ul style="list-style-type: none"> - profile index - range: [0...20] Data driven field type Possible values are depending on the actual configuration and software. The currently allowed values can be shown with online-help.	
[no] voice-mail-to	Parameter type: <Gpon::VoiceMailTo> Format: <ul style="list-style-type: none"> - voice mail subscription expiration time in seconds - unit: seconds - range: [0...86400] 	<i>optional parameter with default value: 3600L</i> voice mail subscription expiration time in seconds
[no] ntwk-dp-prof	Parameter type: <Gpon::NetDialPlanProfilePointer> Format: (none <Gpon::NetDialPlanProfilePointer> name : <AsamProfileName>) Possible values: <ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::NetDialPlanProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...20] 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>optional parameter with default value: 0L</i> Network dial plan profile contains network dial plan information
[no] app-serv-prof	Parameter type: <Gpon::AppServProfilePointer> Format: (none <Gpon::AppServProfilePointer> name : <AsamProfileName>) Possible values: <ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::AppServProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...20] 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>optional parameter with default value: 0L</i> Application service profile that contains information related to calling features
[no] ac-code-prof	Parameter type: <Gpon::AccessCodeProfilePointer> Format: (none <Gpon::AccessCodeProfilePointer> name : <AsamProfileName>) Possible values: <ul style="list-style-type: none"> - none : no profile to associate - name : profile name Field type <Gpon::AccessCodeProfilePointer> <ul style="list-style-type: none"> - profile index - range: [0...20] 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>optional parameter with default value: 0L</i> VOIP access code profile that contains information related to administrative feature
[no] rlstimer	Parameter type: <Gpon::RlsTimer>	<i>optional parameter with default</i>

Parameter	Type	Description
	Format: - sip release timer - unit: seconds - range: [0...60]	<i>value: 10L</i> SIP release timer
[no] rohtimer	Parameter type: <Gpon::RohTimer> Format: - receiver off-hook timer - unit: seconds - range: [0...60]	<i>optional parameter with default value: 15L</i> Receiver off-Hook timer that specifies how long in seconds the line is in ROH condition

Command Output

Table 41.49-3 "Configure ont POT SIP" Display parameters

Specific Information		
name	Type	Description
ntwk-dp-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the authentication security profile pointer <i>This element is always shown.</i>
app-serv-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the authentication security profile pointer <i>This element is always shown.</i>
ac-code-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the authentication security profile pointer <i>This element is always shown.</i>

41.50 Voice ONT MGC Configuration command

Command Description

This command creates the MEGACO configuration of the ONT

NOTE: Only one VoIP client can be supported in an ONT at this time

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont ( no mgc-config (if-index) ) | ( mgc-config (if-index) pri-mgcuri-profid
<Gpon::ReqSecureUriProfileName> sec-mgcuri-profid <Gpon::ReqSecureUriProfileName> [ no protocol-ver |
protocol-ver <Gpon::PrtclVer> ] [ no msg-format | msg-format <Gpon::MsgFormat> ] [ no max-retry-time |
max-retry-time <Gpon::MaxRtryTime> ] [ no max-retries | max-retries <Gpon::MaxRetry> ] [ no status-delay-time |
status-delay-time <Gpon::DelayTime> ] base-termid <Gpon::TerminationId> [ no sig-dscp | sig-dscp
<Gpon::SigDscp> ] [ no udp-port | udp-port <Gpon::UdpPort> ] [ no sw-vendor | sw-vendor
<Gpon::MgcVendorName> ] [ no cnf-msg-profid | cnf-msg-profid <Gpon::UriProfileName> ] )
```

Command Parameters

Table 41.50-1 "Voice ONT MGC Configuration command" Resource Parameters

Resource Identifier	Type	Description
(if-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / 1 ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / 1) 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::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port Field type <Ng2::ChannelGroup> - channel group number	ifindex of iphost uni

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Resource Identifier	Type	Description
	Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port	

Table 41.50-2 "Voice ONT MGC Configuration command" Command Parameters

Parameter	Type	Description
pri-mgcuri-profid	Parameter type: <Gpon::ReqSecureUriProfileName> Format: (<Gpon:SecUriProfPtr> name : <AsamProfileName>) Possible values: - name : profile name Field type <Gpon:SecUriProfPtr> - Index of the sec-uri profile that contains the IP address of the server - range: [1...50] 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> Uri profile that contains the ip address of the primary media gateway controller
sec-mgcuri-profid	Parameter type: <Gpon::ReqSecureUriProfileName> Format: (<Gpon:SecUriProfPtr> name : <AsamProfileName>) Possible values: - name : profile name Field type <Gpon:SecUriProfPtr> - Index of the sec-uri profile that contains the IP address of the server - range: [1...50] 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> Uri profile that contains the ip address of the secondary media gateway controller
[no] protocol-ver	Parameter type: <Gpon::PrtclVer> Format: - Selects the version of MGC protocol signalling to be used - range: [0...2]	<i>optional parameter with default value: 0L</i> Selects the version of the MGC signaling protocol to be used
[no] msg-format	Parameter type: <Gpon::MsgFormat> Format: - Selects message format value - range: [0...2]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> Specifies the message format
[no] max-retry-time	Parameter type: <Gpon::MaxRtryTime> Format: - Specifies the maximum retry time for MGC transaction - unit: sec - range: [0...60]	<i>optional parameter with default value: 0L</i> Specifies the maximum retry time (in seconds) for MGC transaction
[no] max-retries	Parameter type: <Gpon::MaxRetry> Format: - Specifies the maximum number of times a message is transmitted to the MGC - range: [0...10]	<i>optional parameter with default value: 0L</i> Specifies the maximum number of times a message is transmitted to the MGC
[no] status-delay-time	Parameter type: <Gpon::DelayTime>	<i>optional parameter with default</i>

Parameter	Type	Description
	Format: - Service status delay time (in seconds) for changes in line service status - unit: sec - range: [0...60]	<i>value: 0L</i> Service status delay time (in seconds) for changes in line service status
base-termid	Parameter type: <Gpon::TerminationId> Format: - identifies the POTS port in H248 VoIP signalling messages. The first character must be alphabetic. The string 'ROOT' is not allowed. - range: [a-zA-Z0-9*/-_\$.@.] - length: x<=25	<i>mandatory parameter</i> Base string for H248 physical termination Id
[no] sig-dscp	Parameter type: <Gpon::SigDscp> Format: - dscp value - range: [0...63]	<i>optional parameter with default value: 24L</i> DSCP value for use in outgoing signaling packets towards the Soft Switch
[no] udp-port	Parameter type: <Gpon::UdpPort> Format: - Specifies the UDP port number to be used for MGC signaling messages - range: [2000...3000]	<i>optional parameter with default value: 2944L</i> <i>The parameter is not visible during modification.</i> Specifies the UDP port number to be used for MGC signaling messages
[no] sw-vendor	Parameter type: <Gpon::MgcVendorName> Format: - vendor id - 4 ASCII characters - range: [a-zA-Z0-9] - length: 4	<i>optional parameter with default value: ""</i> Specifies the gateway soft switch Vendor
[no] cnf-msg-profid	Parameter type: <Gpon::UriProfileName> Format: (none <Gpon:UriProfilePtr> name : <AsamProfileName>) Possible values: - none : no profile to associate - name : 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>optional parameter with default value: "none"</i> Index or Name of the URI Profile that contains the Message Identifier string for H.248 messages

Command Output

Table 41.50-3 "Voice ONT MGC Configuration command" Display parameters

Specific Information		
name	Type	Description
pri-mgcuri-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the primary uri profile <i>This element is only shown in detail mode.</i>
sec-mgcuri-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the secondary uri profile <i>This element is only shown in</i>

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name	Type	Description
		<i>detail mode.</i>
conf-mgcuri-prof-name	Parameter type: <Gpon::IgnoredPrintableString> - ignored printable string	name of the H.248 message identifier uri profile <i>This element is only shown in detail mode.</i>

41.51 Voice ONT MGC PM monitoring command

Command Description

This command sets the PM Mode of ONT MGC Agent monitoring

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont mgc-agent (voip-index) [ no pm-collect | pm-collect <Gpon::PmEnable> ]
```

Command Parameters

Table 41.51-1 "Voice ONT MGC PM monitoring command" Resource Parameters

Resource Identifier	Type	Description
(voip-index)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / 1 ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / 1) 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::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier Possible values: - 1 : Gpon voip Port	a unique voip ont index

Table 41.51-2 "Voice ONT MGC PM monitoring command" Command Parameters

Parameter	Type	Description
[no] pm-collect	Parameter type: <Gpon::PmEnable> Format: (disable enable) Possible values: - disable : disable the collection - enable : enable the collection	<i>optional parameter with default value: "disable"</i> This indicates whether MGC Performance Monitors should be collected for this MGC Config instance

41.52 Voice Ont Pots Call PM Mode Configuration Command

Command Description

This command allows the operator to configure the PM Mode of ONT POTS Call monitoring

User Level

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

Command Syntax

The command has the following syntax:

```
> configure voice ont pots-call (uni-idx) [ no pm-collect | pm-collect <Gpon::OntPmCollect> ]
```

Command Parameters

Table 41.52-1 "Voice Ont Pots Call PM Mode Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(uni-idx)	Format: (<Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> / <Eqpt::PonId> / <Eqpt::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId> ng2 : <Ng2::ChannelGroup> / <Ng2::SubchannelGroup> / <Ng2::OntId> / <Gpon::OntSlotId> / <Gpon::OntPotsPortId>) 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::OntId> - the ONT identifier Field type <Ng2::ChannelGroup> - channel group number Field type <Ng2::SubchannelGroup> - subchannel group number Field type <Ng2::OntId> - the ONT identifier	identification of the ont interface index

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Resource Identifier	Type	Description
	Field type <Gpon::OntSlotId> - Gpon Ont Slot - range: [1...14] Field type <Gpon::OntPotsPortId> - Gpon Ont Pots Port - range: [1...24]	

Table 41.52-2 "Voice Ont Pots Call PM Mode Configuration Command" Command Parameters

Parameter	Type	Description
[no] pm-collect	Parameter type: <Gpon::OntPmCollect> Format: (enable disable) Possible values: - enable : enable PM - disable : disable PM	<i>optional parameter with default value: "disable"</i> enable/disable pm mode of ont-pots call monitoring