

3- Alarm Configuration Commands

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3.1 Alarm Configuration Command Tree

Description

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

Command Tree

- configure**
 - alarm**
 - log-sev-level
 - log-full-action
 - non-itf-rep-sev-level
 - entry**
 - **(index)**
 - [no] severity
 - [no] service-affecting
 - [no] reporting
 - [no] logging
 - filter**
 - **(fltr-type)**
 - **filterid**
 - alarmid
 - [no] status
 - [no] threshold
 - [no] window
 - suppression**
 - **filterid**
 - interface
 - alarmid
 - [no] status
 - [no] threshold
 - delta-log**
 - indet-log-full-action
 - warn-log-full-action
 - minor-log-full-action
 - major-log-full-action
 - crit-log-full-act
 - [no] custom-profile**
 - **(name)**
 - [no] mnemonic1
 - [no] description1
 - [no] visible1
 - [no] audible1
 - [no] polarity1
 - [no] severity1
 - [no] mnemonic2
 - [no] description2
 - [no] visible2
 - [no] audible2
 - [no] polarity2
 - [no] severity2
 - [no] mnemonic3

- [no] description3
- [no] visible3
- [no] audible3
- [no] polarity3
- [no] severity3
- [no] mnemonic4
- [no] description4
- [no] visible4
- [no] audible4
- [no] polarity4
- [no] severity4
- [no] mnemonic5
- [no] description5
- [no] visible5
- [no] audible5
- [no] polarity5
- [no] severity5
- [no] hguir069-cust
- (alarm-id)
- description

3.2 Alarm Log Configuration Command

Command Description

This command allows the operator to maintain a log that contains all alarm state changes by enabling the logging mode and setting the severity level equal to or higher than the severity level that the operator is interested in.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure alarm log-sev-level <Alarm::alarmSeverityReport> log-full-action <Alarm::alarmLogFullAction>
non-itf-rep-sev-level <Alarm::alarmSeverityReport>
```

Command Parameters

Table 3.2-2 "Alarm Log Configuration Command" Command Parameters

Parameter	Type	Description
log-sev-level	Parameter type: <Alarm::alarmSeverityReport> Format: (indeterminate warning minor major critical) Possible values: - indeterminate : not a definite known severity level - warning : just to inform as a warning - minor : not service affecting - major : service affecting - critical : service breaking	<i>optional parameter</i> set the lowest severity level to log alarms
log-full-action	Parameter type: <Alarm::alarmLogFullAction> Format: (wrap halt) Possible values: - wrap : older log records are overwritten by recent ones - halt : logging is stopped until the log buffer is reset	<i>optional parameter</i> set the action if log buffer is full
non-itf-rep-sev-level	Parameter type: <Alarm::alarmSeverityReport> Format: (indeterminate warning minor major	<i>optional parameter</i> set minimum severity level to report non itf alarms

Parameter	Type	Description
	<p> critical) Possible values: - indeterminate : not a definite known severity level - warning : just to inform as a warning - minor : not service affecting - major : service affecting - critical : service breaking</p>	

3.3 Alarm Entry Configuration Command

Command Description

This command allows the operator to manage local alarm entries.

User Level

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

Command Syntax

The command has the following syntax:

> configure alarm entry (index) [no severity | severity <Alarm::alarmSeverity>] [[no] service-affecting] [[no] reporting] [[no] logging]

Command Parameters

Table 3.3-1 "Alarm Entry Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: (all xtca-ne-es xtca-ne-ses xtca-ne-uas xtca-ne-day-es xtca-ne-day-ses xtca-ne-day-uas xtca-fe-es xtca-fe-ses xtca-fe-uas xtca-fe-day-es xtca-fe-day-ses xtca-fe-day-uas xtca-leftrs xtca-day-leftrs xtca-fe-leftrs xtca-fe-day-leftrs xtca-auto-port-reset xtca-reinit xtca-day-reinit xdsl-ne-los xdsl-ne-lof xdsl-ne-lom xdsl-ne-ese xdsl-act-cfg-error xdsl-act-not-feas	alarm type

Resource Identifier	Type	Description
	xds1-up-br-reach xds1-ne-ncd xds1-ne-lcd xds1-fe-los xds1-fe-lof xds1-fe-lpr xds1-fe-lol xds1-fe-lom xds1-fe-ese xds1-fe-upbo-vio xds1-fe-cpe-pol xds1-tpstc-mis xds1-act-comm xds1-act-modem xds1-do-br-reach xds1-fe-ncd xds1-fe-lcd xds1-frtx-init-fail xds1-vect-dle xds1-fe-mis-peer-35b vectline-xtc-var-vict vectline-xtc-var-dist vectline-corp-errf vect-cpe-cap-mismatch vectline-conf_notfeas vect-vp-lt-mismatch vect-inv-qsf vect-vp-lt-fail vect-no-gain-at-init sw-rollback db-rollback xvps-inv-dbase inv-cde-file miss-cde-file cde-hash-error low-disk-space cell-discard-up cell-discard-down persist-data-loss mac-conflict vmac-full snmp-comm-lost preferred-mode timing-reference nt-disk-95%full shub-loc cf-error back-pnl-inv ihub-conf-loss rack-power rack-fan-unit1 rack-fan-unit2 shelf-mismatch shelf-missing shelf-install-missing door ac-power-fail	

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Resource Identifier	Type	Description
	board-mismatch	
	waiting-for-sw	
	temp-exceeded	
	backplane-data-failure	
	temp-shutdown	
	board-missing	
	board-instl-missing	
	board-init	
	board-reset-prot	
	sem-power-fail	
	sem-ups-fail	
	board-reset-cf	
	vlan-assign-fail	
	vsa-info-invalid	
	auth-mac-conflict	
	user-pwd-fault	
	up-plan-bitrate	
	up-min-bitrate	
	up-config-not-feas	
	down-plan-bitrate	
	down-min-bitrate	
	down-config-not-feas	
	non-bonding-cpe	
	multiple-cpes	
	register	
	group-incomplete	
	host-sfp-los	
	host-sfp-tx-fail	
	host-sfp-not-prst	
	host-sfp-inv-id	
	host-sfp-ctrl-fail	
	host-sfp-rmtlt	
	host-sfp-mismatch	
	host-sfp-incompt	
	exp-sfp-los	
	exp-sfp-tx-fail	
	exp-sfp-not-prst	
	exp-sfp-inv-id	
	exp-sfp-ctrl-fail	
	exp-sfp-1-los	
	exp-sfp-2-los	
	ext-qsfp-invld	
	tx-power-high-alarm	
	tx-power-low-alarm	
	rx-power-high-alarm	
	rx-power-low-alarm	
	tx-biascur-high-alarm	
	tx-biascur-low-alarm	
	volt-high-alarm	
	volt-low-alarm	
	temp-high-alarm	
	temp-low-alarm	
	tx-power-high-warn	
	tx-power-low-warn	
	rx-power-high-warn	
	rx-power-low-warn	
	tx-biascur-high-warn	

Resource Identifier	Type	Description
	tx-biascur-low-warn	
	volt-high-warn	
	volt-low-warn	
	temp-high-warn	
	temp-low-warn	
	onu-unprovisioned	
	signal-loss	
	bitrate-high	
	opmodule-mismatch	
	key-fail-one-churn	
	key-fail-three-churn	
	oam-discov-fail	
	report-timeout	
	total-packets-exceed	
	arp-packets-exceed	
	dhcp-packets-exceed	
	igmp-packets-exceed	
	pppoe-packets-exceed	
	nd-packets-exceed	
	icmpv6-packets-exceed	
	mld-packets-exceed	
	dhcpv6-packets-exceed	
	cfm-packets-exceed	
	dsx1-serdes-fail	
	dsx1-tributary1-fail	
	dsx1-tributary2-fail	
	dsx1-los-fail	
	dsx1-ais-sync	
	dsx1-lof-sync	
	dsx1-los-sync	
	dsx1-deg-fail	
	dsx1-rei-from-liu	
	dsx1-rdi-from-liu	
	dsx1-crc6-from-liu	
	dsx1-crc4-from-liu	
	dsx1-crc4-th-from-liu	
	dsx1-ais-from-liu	
	dsx1-los-from-liu	
	dsx1-lof-from-liu	
	dsx1-lomf-from-liu	
	dsx1-rei-from-iwf	
	dsx1-rdi-from-iwf	
	dsx1-crc6-from-iwf	
	dsx1-crc4-from-iwf	
	dsx1-crc4-th-from-iwf	
	dsx1-ais-from-iwf	
	dsx1-los-from-iwf	
	dsx1-lof-from-iwf	
	dsx1-lomf-from-iwf	
	pppce-trans-15min-tca	
	pppce-sess-15min-tca	
	pppce-trans-1day-tca	
	pppce-sess-1day-tca	
	custom1	
	custom2	
	custom3	
	custom4	

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Resource Identifier	Type	Description
	custom5	
	he-custom1	
	he-custom2	
	he-custom3	
	he-custom4	
	he-custom5	
	he-custom6	
	custom6	
	custom7	
	custom8	
	custom9	
	custom10	
	custom11	
	custom12	
	custom13	
	custom14	
	custom15	
	custom16	
	custom17	
	loss-swo-cap	
	ping-check-fail	
	der-temp1	
	der-temp2	
	der-temp3	
	der-temp4	
	der-temp5	
	der-temp6	
	der-temp7	
	der-temp8	
	der-temp9	
	der-temp10	
	der-temp11	
	der-temp12	
	der-temp13	
	der-temp14	
	der-temp15	
	der-temp16	
	der-temp17	
	der-temp18	
	der-temp19	
	der-temp20	
	der-temp21	
	der-temp22	
	der-temp23	
	der-temp24	
	der-temp25	
	der-temp26	
	der-temp27	
	der-temp28	
	der-temp29	
	der-temp30	
	der-temp31	
	der-spa1	
	der-spa2	
	der-spa3	
	der-spa4	
	der-spa5	

Resource Identifier	Type	Description
	der-spa6 der-spa7 der-spa8 der-spa9 der-spa10 der-spa11 der-spa12 der-spa13 der-spa14 der-spa15 der-spa16 der-spa17 der-spa18 der-spa19 der-spa20 der-spa21 der-spa22 der-spa23 der-spa24 der-spa25 der-spa26 der-spa27 der-spa28 der-spa29 der-spa30 der-spa31 apsf-alarm custextalarm1 custextalarm2 custextalarm3 custextalarm4 custextalarm5 pluginfan plugin-dc-a plugin-dc-b plugin-dg ntr-a-loss ntr-b-loss xvps-conf-loss mac-entry-nofree fibre-conn-mismatch link-cap-mismatch eqpt-cap-mismatch ctrl-dnld-failure melt-hw-issue melt-board-reset board-shelf-mismatch mgnt-type-mismatch fileserv-unavail shdsl-n-loopback shdsl-c-loopback shdsl-conferr shdsl-atm-lcd shdsl-lpr shdsl-secu-err shdsl-dev-fault shdsl-atm-ncd	

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Resource Identifier	Type	Description
	shdsl-n-losw	
	shdsl-c-losw	
	shdsl-n-aten	
	shdsl-c-aten	
	shdsl-n-snr	
	shdsl-c-snr	
	shdsl-n-dccont	
	shdsl-c-dccont	
	shdsl-c-actfail	
	e1-fe-rai	
	e1-ne-rai	
	e1-fe-ais	
	e1-ne-ais	
	e1-lof	
	e1-los	
	e1-loopback	
	ima-grp-fe-su	
	ima-grp-fe-cfg	
	ima-grp-ne-cfg	
	ima-grp-fe-nl	
	ima-grp-ne-nl	
	ima-grp-fe-blk	
	ima-lnk-lif	
	ima-lnk-lods	
	ima-lnk-misc	
	ima-lnk-rfi	
	ima-lnk-fault	
	ima-lnk-txblk	
	ima-lnk-rxblk	
	bad-digitmap	
	dhcp-unreach	
	dhcp-no-srv	
	dhcp-inv-srv	
	norpniewwithsoftdsp	
	unknown-sub	
	ground-key	
	port-hightemp	
	port-jbfltca	
	reg-domainname	
	reg-auth	
	reg-timeout	
	reg-srvfailresp	
	inv-domainname	
	inv-auth	
	inv-timeout	
	inv-srvfailresp	
	subs-srvfailresp	
	subs-domainname	
	subs-auth	
	subs-refreshfail	
	subs-inittimeout	
	emergency-call	
	e1sip-reg-domainname	
	e1sip-reg-auth	
	e1sip-reg-timeout	
	e1sip-reg-srvfailresp	
	e1sip-inv-domainname	

Resource Identifier	Type	Description
	el sip-inv-auth el sip-inv-timeout el sip-inv-srvfailresp el sip-emergency-call el itf-ais-signal el itf-los-signal el itf-rai-signal el sip-misconfig-mgc10 el sip-nsmprf-missed el t l itf-recv-ais el t l itf-recv-los el t l itf-recv-rai transport-mismatch dns-lookup-failure none-dns-srv no-dns-srv none-srv no-srv reg-srv-unreach proxy-srv-unreach dhcp-srv-unreach fo-trigger fb-trigger du-trigger ssp-missing dns-pool-exceed lsa-fo-trigger reg-domainname-sec reg-auth-sec reg-timeout-sec reg-srvfailresp-sec inv-domainname-sec inv-auth-sec inv-timeout-sec inv-srvfailresp-sec subs-srvfailresp-sec subs-domainname-sec subs-auth-sec subs-refreshfail-sec subs-inittimeout-sec emergency-call-sec fanout up-overflow upobc-overflow dwobc-overflow dw-overflow lwpri-overflow queue-drop queue-load queue-peak-usage mgc-unreachable failover-to-esamgc sgc-unreachable lcard-unreach-srvcard lcard-type-mismatch meg-unknown-sub meg-ground-key	

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Resource Identifier	Type	Description
	meg-high-temp meg-act-fail meg-over-current line-showering low-qos-packetloss low-qos-jitter low-qos-delay sig-brd-persist-loss sig-brd-disk-full sig-brd-db-rollback mg-overload meg-unknown-sub-sec line-showering-sec loss-env-mon etca-los etca-fcs etca-day-los etca-day-fcs etca-rx-octets etca-tx-octets etca-day-rx-octets etca-day-tx-octets user-sfp-los user-sfp-tx-fail user-sfp-not-prst user-sfp-inv-id user-sfp-t-exceed user-sfp-mismatch uplink-sfp-los uplink-sfp-tx-fail uplink-sfp-not-prst uplink-sfp-inv-id uplink-sfp-t-exceed uplink-sfp-mismatch loss-lmswp-cap inv-xvps-pair-data network-power-loss hw-fault bat-miss bat-fail bat-low bat-a-fail bat-b-fail ac-vol-out-range network-power-loss-b sem-ac-power-fail sem-ups-low-volt dc-a-fail dc-b-fail plan-power-mismatch water-seepage-in-box sealed-box-open dc-a-vol-out-range dc-b-vol-out-range inlet-temp-major inlet-temp-critical psu-fail-crit	

Resource Identifier	Type	Description
	psu-a-fail-presence psu-a-fail-vin-ac-nok psu-a-fail-vin-uv psu-a-fail-vin-ov psu-a-fail-vout-uv psu-a-fail-vout-ov psu-a-fail-iout-oc psu-a-fail-overtemp psu-b-fail-presence psu-b-fail-vin-ac-nok psu-b-fail-vin-uv psu-b-fail-vin-ov psu-b-fail-vout-uv psu-b-fail-vout-ov psu-b-fail-iout-oc psu-b-fail-overtemp synce-fail bits-fail bits-output-shutoff ieee1588-fail gnss-fail ieee1588-hybrid-fail signal-loss signal-efd esmc-loss bits-output-exceed ql-input-exceed holdover lti tod-reference-fail internal-clk-fail bgp-peer-down bgp-routes-mid-limit isis-adjacency-down isis-adjacency-reject isis-instance-down ospf-lsa-limit ospf-lsa-mid-limit ospf-neighbor-down ospf-instance-down ospf3-lsa-limit ospf3-lsa-mid-limit ospf3-neighbor-down ospf3-instance-down rip-instance-down lag-down lagsubgrp-thresh-reach lagsubgrp-switch-fail no-unpinned-free-ports general-arp-limit gen-switch-out-of-res ipv6-nc-limit dhcp-session-oor ihub-fdb-limit ihub-mac-limit l2fw-stp-exception l2fw-stp-root-guard	

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Resource Identifier	Type	Description
	vprn-routes-limit vprn-ipv6-routes-limit dhcpv6-lease-limit dhcpv4-lease-limit vpls-mfib-limit ihub-ipv6-dad-own ihub-ipv6-dad ihub-ipv6-dup-pd-route vpls-duplicate-mac vpls-fdb-limit vpls-self-duplic-mac vpls-sdp-self-dup-mac link-down link-lagport-add-fail link-conf-mismatch ihub-peer-comm ihub-sw-fail ihub-hw-fail ihub-link-fail ihub-proc-overload ihub-out-of-mem ntp-comm-lost ldp-instance-down ldp-session-down mpls-instance-down mpls-lsp-down mpls-lsp-path-down sdp-instance-down sdp-binding-down epipe-instance-down lldpmed-portcfg-mis lldpmed-mediapl-mis vlanport-svc-mismatch mcsrc-stream-lost eqpssupl-syslog-upload eqpssupl-ontsw-dnload cf-75%used cf-90%used olt-gen-pon-com-fail olt-gen-tx-fail olt-gen-unprov-ont olt-gen-pon-eqpt-prov olt-gen-pon-loss-sig olt-gen-pon-diagnostic olt-gen-loid-conflict olt-gen-loid-pwderr olt-gen-pon-alien-test olt-gen-alien-detect olt-gen-rng-mism olt-gen-sfp-mism olt-gen-deact-hightca olt-gen-deact-lowtca olt-gen-dp-integ olt-gen-ddr-fault olt-pon-tc-err-frag-tc olt-ont-tc-err-frag-tc ont-ploam-loss-sig	

Resource Identifier	Type	Description
	ont-ploam-loss-ack	
	ont-ploam-loss-cd	
	ont-ploam-phy-eqpt-err	
	ont-ploam-startup-fail	
	ont-ploam-sig-degrade	
	ont-ploam-disabled	
	ont-ploam-err-msg	
	ont-ploam-inactive	
	ont-ploam-sig-fail	
	ont-ploam-dying-gasp	
	ont-ploam-deact-fail	
	ont-ploam-oam	
	ont-ploam-win-drift	
	ont-ploam-rdi	
	ont-ploam-loss-ks	
	ont-ploam-pwr-burst	
	ont-ploam-rog-disa	
	ont-ploam-diff-reach	
	ont-ploam-looc	
	sfu-ploam-loss-sig	
	sfu-ploam-loss-ack	
	sfu-ploam-loss-cd	
	sfu-ploam-phy-eqpt-err	
	sfu-ploam-startup-fail	
	sfu-ploam-sig-degrade	
	sfu-ploam-disabled	
	sfu-ploam-err-msg	
	sfu-ploam-inactive	
	sfu-ploam-sig-fail	
	sfu-ploam-dying-gasp	
	sfu-ploam-deact-fail	
	sfu-ploam-oam	
	sfu-ploam-win-drift	
	sfu-ploam-rdi	
	sfu-ploam-loss-ks	
	sfu-ploam-pwr-burst	
	sfu-ploam-rog-disa	
	sfu-ploam-diff-reach	
	sfu-ploam-looc	
	soho-ploam-loss-sig	
	soho-ploam-loss-ack	
	soho-ploam-loss-cd	
	soho-ploam-phy-eqpt-er	
	soho-ploam-startup-fai	
	soho-ploam-sig-degrade	
	soho-ploam-disabled	
	soho-ploam-err-msg	
	soho-ploam-inactive	
	soho-ploam-sig-fail	
	soho-ploam-dying-gasp	
	soho-ploam-deact-fail	
	soho-ploam-oam	
	soho-ploam-win-drift	
	soho-ploam-rdi	
	soho-ploam-loss-ks	
	soho-ploam-pwr-burst	
	soho-ploam-rog-disa	

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Resource Identifier	Type	Description
	soho-ploam-diff-reach	
	soho-ploam-looc	
	mdu-ploam-loss-sig	
	mdu-ploam-loss-ack	
	mdu-ploam-loss-cd	
	mdu-ploam-phy-eqpt-err	
	mdu-ploam-startup-fail	
	mdu-ploam-sig-degrade	
	mdu-ploam-disabled	
	mdu-ploam-err-msg	
	mdu-ploam-inactive	
	mdu-ploam-sig-fail	
	mdu-ploam-dying-gasp	
	mdu-ploam-deact-fail	
	mdu-ploam-oam	
	mdu-ploam-win-drift	
	mdu-ploam-rdi	
	mdu-ploam-loss-ks	
	mdu-ploam-pwr-burst	
	mdu-ploam-roq-disa	
	mdu-ploam-diff-reach	
	mdu-ploam-looc	
	ont-hpna-ser-mis	
	ont-hpna-los-sig	
	ont-moca-svc-mis	
	ont-moca-link-los	
	ont-moca-min-bw	
	ont-moca-tca-rx-err-fr	
	ont-sipa-reg-nm-fail	
	ont-sipa-reg-rec-fail	
	ont-sipa-reg-con-fail	
	ont-sipa-reg-val-fail	
	ont-sipa-reg-mis	
	ont-vcd-cfg-nm-fail	
	ont-vcd-cfg-rech-fail	
	ont-vcd-cfg-conn-fail	
	ont-vcd-cfg-vali-fail	
	ont-vcd-cfg-auth-fail	
	ont-vcd-cfg-resp-tmout	
	ont-vcd-cfg-resp-err	
	ont-vcd-cfg-file-err	
	ont-vcd-sub-nm-fail	
	ont-vcd-sub-rech-fail	
	ont-vcd-sub-conn-fail	
	ont-vcd-sub-vali-fail	
	ont-vcd-sub-auth-fail	
	ont-vcd-sub-resp-tmout	
	ont-vcd-sub-resp-err	
	ont-vcd-reb-requ	
	ont-vcd-mis	
	ont-mgc-mis	
	ont-mgc-timeout	
	ont-sip-reg-dns	
	ont-sip-reg-fail	
	ont-sip-reg-timeout	
	ont-sip-reg-err-resps	
	ont-sip-inv-dns	

Resource Identifier	Type	Description
	ont-sip-inv-auth ont-sip-inv-timeout ont-sip-inv-err ont-svc-pots-subs-refr ont-svc-pots-not-refr ont-svc-pots-icfg-err ont-veip-mismatch ont-ip-host-mismatch ont-ip-host-file ont-ip-host-ip-alloc olt-pon-up-bw-tca olt-pon-down-bw-tca ont-gen-omci-fail ont-gen-eqpt-selftest ont-gen-ac-pwr-fail ont-gen-bat-missing ont-gen-bat-low ont-gen-bat-fail ont-gen-phys-intrusion ont-gen-sw-dnload-f ont-gen-sw-dnload-p ont-gen-sw-act-fail ont-gen-eqpt-vers-mis ont-gen-sw-vers-mis ont-gen-us-rate-mis ont-gen-mdu-env1 ont-gen-mdu-env2 ont-gen-mdu-env3 ont-gen-nw-time-err ont-gen-opt-sig-high ont-gen-opt-sig-low ont-gen-eqpt-prov-sa ont-gen-eqpt-prov-nsa pon-t-txmcutilhi pon-t-txmcutilmd pon-t-txmcutillo pon-t-txtotutilhi pon-t-txtotutilmd pon-t-txtotutillo pon-t-rxtotutilhi pon-t-rxtotutilmd pon-t-rxtotutillo pon-t-dbacongperiodhi pon-t-dbacongperiodmd pon-t-dbacongperiodlo pon-t-txucdropfrmhi pon-t-txucdropfrmmd pon-t-txucdropfrmlo pon-t-txmcdropfrmhi pon-t-txmcdropfrmmd pon-t-txmcdropfrmlo pon-t-txbcdropfrmhi pon-t-txbcdropfrmmd pon-t-txbcdropfrmlo pon-t-rxtotdropfrmhi pon-t-rxtotdropfrmmd pon-t-rxtotdropfrmlo	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	chpr-t-txmcutilhi	
	chpr-t-txmcutilmd	
	chpr-t-txmcutillo	
	chpr-t-txtotutilhi	
	chpr-t-txtotutilmd	
	chpr-t-txtotutillo	
	chpr-t-rxtotutilhi	
	chpr-t-rxtotutilmd	
	chpr-t-rxtotutillo	
	chpr-t-dbacongperiodhi	
	chpr-t-dbacongperiodmd	
	chpr-t-dbacongperiodlo	
	chpr-t-txucdropfrmhi	
	chpr-t-txucdropfrmmd	
	chpr-t-txucdropfrmlo	
	chpr-t-txmcdropfrmhi	
	chpr-t-txmcdropfrmmd	
	chpr-t-txmcdropfrmlo	
	chpr-t-txbcdropfrmhi	
	chpr-t-txbcdropfrmmd	
	chpr-t-txbcdropfrmlo	
	chpr-t-rxtotdropfrmhi	
	chpr-t-rxtotdropfrmmd	
	chpr-t-rxtotdropfrmlo	
	sfu-gen-omci-fail	
	sfu-gen-eqpt-selftest	
	sfu-gen-ac-pwr-fail	
	sfu-gen-bat-missing	
	sfu-gen-bat-low	
	sfu-gen-bat-fail	
	sfu-gen-sw-dnload-f	
	sfu-gen-sw-dnload-p	
	sfu-gen-sw-act-fail	
	sfu-gen-eqpt-vers-mis	
	sfu-gen-sw-vers-mis	
	sfu-gen-us-rate-mis	
	sfu-gen-tune-fail	
	sfu-gen-nw-time-err	
	sfu-gen-opt-sig-high	
	sfu-gen-opt-sig-low	
	sfu-gen-eqpt-prov-sa	
	sfu-gen-eqpt-prov-nsa	
	soho-gen-omci-fail	
	soho-gen-eqpt-selftest	
	soho-gen-ac-pwr-fail	
	soho-gen-bat-missing	
	soho-gen-bat-low	
	soho-gen-bat-fail	
	soho-gen-sw-dnload-f	
	soho-gen-sw-dnload-p	
	soho-gen-sw-act-fail	
	soho-gen-eqpt-vers-mis	
	soho-gen-sw-vers-mis	
	soho-gen-us-rate-mis	
	soho-gen-tune-fail	
	soho-gen-nw-time-err	
	soho-gen-opt-sig-high	

Resource Identifier	Type	Description
	soho-gen-opt-sig-low	
	soho-gen-eqpt-prov-sa	
	soho-gen-eqpt-prov-nsa	
	mdu-gen-omci-fail	
	mdu-gen-eqpt-selftest	
	mdu-gen-ac-pwr-fail	
	mdu-gen-bat-missing	
	mdu-gen-bat-low	
	mdu-gen-bat-fail	
	mdu-gen-phys-intrusion	
	mdu-gen-sw-dnload-f	
	mdu-gen-sw-dnload-p	
	mdu-gen-sw-act-fail	
	mdu-gen-eqpt-vers-mis	
	mdu-gen-sw-vers-mis	
	mdu-gen-us-rate-mis	
	mdu-gen-tune-fail	
	mdu-gen-mdu-env1	
	mdu-gen-mdu-env2	
	mdu-gen-mdu-env3	
	mdu-gen-nw-time-err	
	mdu-gen-opt-sig-high	
	mdu-gen-opt-sig-low	
	mdu-gen-eqpt-prov-sa	
	mdu-gen-eqpt-prov-nsa	
	ont-gen-sw-dnload-file	
	ont-gen-fan-fail	
	ont-gen-high-temp	
	ont-gen-high-temp-ex	
	ont-gen-emergency-call	
	ont-gen-sw-version	
	ont-poe-exceed-max	
	ont-poe-overload-yell	
	ont-opti-malfunc	
	ont-gen-cfgdld-fail	
	ont-gen-rssi-mis	
	ont-gen-tx-pwr-low	
	ont-gen-temp-high	
	ont-gen-volt-high	
	ont-gen-bias-high	
	ont-loopdetect-mis	
	ont-olt-rx-pw-lo	
	ont-olt-rx-pw-hig	
	ont-olt-rx-pw-warnlo	
	ont-olt-rx-pw-warnhig	
	ont-gen-tod-out-sync	
	ont-gen-tune-fail	
	hgu-tr069-parm-fail	
	ont-gen-tod-mismatch	
	sfu-sup-sw-file-error	
	sfu-sup-fan-failure	
	sfu-sup-temp-high-warn	
	sfu-sup-temp-shutoff	
	sfu-sup-emergency-call	
	sfu-sup-swverctrl-err	
	sfu-sup-poe-exceed-max	
	sfu-sup-poe-over-yell	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	sfu-opti-malfunc	
	sfu-sup-cfg-dnld-fail	
	sfu-sup-rssi-cfg-mism	
	sfu-sup-sfp-tx-low	
	sfu-sup-sfp-temp-high	
	sfu-sup-sfp-volt-high	
	sfu-sup-sfp-bias-high	
	sfu-sup-ld-cfg-mism	
	sfu-sup-olt-rx-low	
	sfu-sup-olt-rx-high	
	sfu-sup-olt-rx-lo-warn	
	sfu-sup-olt-rx-hi-warn	
	sfu-sup-tod-out-sync	
	sfu-sup-ont-tune-fail	
	sfu-tr069-parm-fail	
	sfu-sup-tod-mismatch	
	soho-sup-sw-file-error	
	soho-sup-fan-failure	
	soho-sup-temp-high-war	
	soho-sup-temp-shutoff	
	soho-sup-emergency-cal	
	soho-sup-swverctrl-err	
	soho-sup-poe-exceed-ma	
	soho-sup-poe-over-yell	
	soho-opti-malfunc	
	soho-sup-cfg-dnld-fail	
	soho-sup-rssi-cfg-mism	
	soho-sup-sfp-tx-low	
	soho-sup-sfp-temp-high	
	soho-sup-sfp-volt-high	
	soho-sup-sfp-bias-high	
	soho-sup-ld-cfg-mism	
	soho-sup-olt-rx-low	
	soho-sup-olt-rx-high	
	soho-sup-olt-rx-lo-war	
	soho-sup-olt-rx-hi-war	
	soho-sup-tod-out-sync	
	soho-sup-ont-tune-fail	
	soho-tr069-parm-fail	
	soho-sup-tod-mismatch	
	mdu-sup-sw-file-error	
	mdu-sup-fan-failure	
	mdu-sup-temp-high-warn	
	mdu-sup-temp-shutoff	
	mdu-sup-emergency-call	
	mdu-sup-swverctrl-err	
	mdu-sup-poe-exceed-max	
	mdu-sup-poe-over-yell	
	mdu-opti-malfunc	
	mdu-sup-cfg-dnld-fail	
	mdu-sup-rssi-cfg-mism	
	mdu-sup-sfp-tx-low	
	mdu-sup-sfp-temp-high	
	mdu-sup-sfp-volt-high	
	mdu-sup-sfp-bias-high	
	mdu-sup-ld-cfg-mism	
	mdu-sup-olt-rx-low	

Resource Identifier	Type	Description
	mdu-sup-olt-rx-high mdu-sup-olt-rx-lo-warn mdu-sup-olt-rx-hi-warn mdu-sup-tod-out-sync mdu-sup-ont-tune-fail mdu-tr069-parm-fail mdu-sup-tod-mismatch ont-sbscr-lim-missing ont-sbscr-lim-type-mis ont-sbscr-lim-removal ont-sbscr-lim-fail ont-sbscr-lim-svc-mis ont-sbscr-lim-port-mis ont-svc-video-conf-mis ont-svc-video-pw-high ont-svc-video-pw-low ont-svc-pots-svc-mis ont-svc-pots-rtcp-lost ont-svc-pots-icnf-subs ont-svc-pots-icnf-ntfy ont-svc-pots-icnf-http ont-svc-pots-sip-reg ont-svc-pots-sip-inv ont-svc-pots-sip-subsc ont-svc-pots-sip-mt-tc ont-svc-pots-pk-los-tc ont-svc-pots-jitter-tc ont-svc-pots-subs-dns ont-svc-pots-subs-tcp ont-svc-pots-subs-tls ont-svc-pots-subs-auth ont-svc-pots-subs-to ont-svc-pots-subs-err ont-svc-pots-not-to ont-svc-pots-notref-to ont-svc-pots-not-mal ont-svc-pots-not-rej ont-svc-pots-http-dns ont-svc-pots-http-tcp ont-svc-pots-http-tls ont-svc-pots-http-auth ont-svc-pots-http-to ont-svc-pots-http-err ont-svc-pots-http-mal ont-svc-pots-insuff ont-svc-pots-poos ont-svc-lan-mismatch ont-svc-lan-loss-sig ont-svc-enet-poos ont-svc-ces-dsl-mis ont-svc-ces-dsl-los ont-svc-ces-dsl-lof ont-svc-ces-dsl-rair ont-svc-ces-dsl-ais ont-svc-ces-dsl-lnlpbk ont-svc-ces-dsl-tmlpbk ont-svc-ces-el-mis	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	ont-svc-ces-el-los	
	ont-svc-ces-el-lof	
	ont-svc-ces-el-rair	
	ont-svc-ces-el-ais	
	ont-svc-voip-cnf-file	
	ont-svc-voip-svc-mis	
	ont-svc-voip-gw-comm	
	ont-svc-voip-dhcp-fail	
	ont-svc-voip-icnf-sub	
	ont-svc-voip-icnf-ntfy	
	ont-svc-voip-icnf-http	
	ont-svc-voip-dhcp-to	
	ont-svc-voip-dhcp-mal	
	ont-svc-voip-dhcp-noad	
	ont-svc-voip-dhcp-leas	
	ont-svc-voip-sub-dns	
	ont-svc-voip-sub-tcp	
	ont-svc-voip-sub-tls	
	ont-svc-voip-sub-auth	
	ont-svc-voip-sub-to	
	ont-svc-voip-sub-err	
	ont-svc-voip-not-to	
	ont-svc-voip-notref-to	
	ont-svc-voip-not-mal	
	ont-svc-voip-not-rej	
	ont-svc-voip-http-dns	
	ont-svc-voip-http-tcp	
	ont-svc-voip-http-tls	
	ont-svc-voip-http-auth	
	ont-svc-voip-http-to	
	ont-svc-voip-http-err	
	ont-svc-voip-http-mal	
	ont-svc-voip-sub-refr	
	ont-svc-voip-not-refr	
	ont-svc-voip-icfg-err	
	ont-svc-v-ani-conf-mis	
	ont-svc-v-ani-loss-sig	
	ont-svc-v-ani-lv-high	
	ont-svc-v-ani-lv-low	
	ont-svc-pwe-mismatch	
	ont-svc-pwe-reordr-lof	
	ont-svc-pwe-jitt-buf-o	
	ont-svc-pwe-jitt-buf-u	
	ont-svc-pwe-malf-frms	
	ont-svc-pwe-late-frms	
	ont-svc-pwe-link-loss	
	ont-svc-pwe-arp-fail	
	ont-svc-xdsl-mismatch	
	ont-svc-xdsl-ne-lof	
	ont-svc-xdsl-ne-los	
	ont-svc-xdsl-ne-line	
	ont-svc-xdsl-ne-lol	
	ont-svc-xdsl-fe-lof	
	ont-svc-xdsl-fe-los	
	ont-svc-xdsl-fe-lop	
	ont-svc-xdsl-cnf-err	
	ont-svc-xdsl-ne-es-tc	

Resource Identifier	Type	Description
	ont-svc-xdsl-ne-ses-tc ont-svc-xdsl-ne-uas-tc ont-svc-xdsl-fe-es-tc ont-svc-xdsl-fe-ses-tc ont-svc-xdsl-fe-uas-tc ont-tc-rx-los-frag-tc ont-tc-tx-los-frag-tc ont-tc-bad-gem-hd-tc ont-uni-ds-drpd-fr-tc ont-uni-up-drpd-fr-tc ont-uni-ds-crc-fr-tc ont-uni-up-crc-fr-tc ont-cpu-util-tca ont-mem-util-tca pim-neighbor-down pim-max-mcroutes li-traffic-disabled li-bandwidth-limit li-out-of-res otdr-cap-mismatch login-successful login-failure cfm-defrdiccm cfm-defmacstatus cfm-defremoteccm cfm-deferrorccm cfm-defxconccm cfm-defais bfd-session-down bfd-max-resource bfd-stale-entry tca-outputbw tca-inputbw tca-rxcrcalign tca-txcrcalign tca-txcollisions tca-outputhighbw tca-outputmedbw tca-outputlowbw tca-inputhighbw tca-inputmediumbw tca-inputlowbw eth-cfm-defrdiccm eth-cfm-defmacstatus eth-cfm-defremoteccm eth-cfm-deferrorccm eth-cfm-defxconccm rsvp-neighbor-down rsvp-instance-down eth-ring-path-block ai-platform-down ai-appl-install-fail ip-assign-fail ont-tr069-serv-mis ont-snmp-mis bsf-dhcpv4 bsf-dhcpv6	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	bsf-pon	
	bsf-vbridge	
	bsf-qos	
	bsf-igmp	
	bsf-lxfwd	
	prot-not-available	
	prot-switchover-fail	
	efm-oam-cpelinkfault	
	efm-oam-cpedyinggasp	
	efm-oam-cpecrevt	
	ont-loopdetect	
	alm-tbl-overflow	
	auto-switch-status	
	auswqueuefullatm	
	auswbkpfailatm	
	auswrecfgfailatm	
	auswdataunatm	
	auswqueuefulptm	
	auswbkpfailptm	
	auswrecfgfailptm	
	auswdataunptm	
	auswbakpfailatm	
	chpr-com-fail	
	chpr-tx-fail	
	chpr-unprov-ont	
	chpr-prov-mismatch	
	chpr-loss-sig	
	chpr-diagnostic	
	chpr-loid-conflict	
	chpr-loid-pwd-err	
	chpr-stk-laser-dis	
	chpr-sfp-mismatch	
	chpr-rng-mismatch	
	chpr-alien-test	
	chpr-alien-detect	
	chpr-deact-hightca	
	chpr-deact-lowtca	
	chpr-dp-integ	
	olt-chpr-tc-err-frag	
	olt-chpr-up-bw-tca	
	olt-chpr-down-bw-tca	
	cfg-dld-fail	
	cfg-act-fail	
	cfg-dld-ip	
	cfg-ver-mismatch	
	cfg-file-missing	
	cfg-verctrl-err	
	cfg-not-supported	
	ont-prot-not-available	
	ont-gen-temp-low	
	ont-gen-volt-low	
	ont-gen-tx-pwr-high	
	ont-gen-bias-low	
	ont-gen-rx-hwarn	
	ont-gen-rx-lwarn	
	ont-gen-tx-hwarn	
	ont-gen-tx-lwarn	

Resource Identifier	Type	Description
	ont-gen-temp-hwarn	
	ont-gen-temp-lwarn	
	ont-gen-volt-hwarn	
	ont-gen-volt-lwarn	
	ont-gen-bias-hwarn	
	ont-gen-bias-lwarn	
	sfu-sup2-temp-low	
	sfu-sup2-volt-low	
	sfu-sup2-tx-high	
	sfu-sup2-bias-low	
	sfu-sup2-rx-hwarn	
	sfu-sup2-rx-lwarn	
	sfu-sup2-tx-hwarn	
	sfu-sup2-tx-lwarn	
	sfu-sup2-temp-hwarn	
	sfu-sup2-temp-lwarn	
	sfu-sup2-volt-hwarn	
	sfu-sup2-volt-lwarn	
	sfu-sup2-bias-hwarn	
	sfu-sup2-bias-lwarn	
	soho-sup2-temp-low	
	soho-sup2-volt-low	
	soho-sup2-tx-high	
	soho-sup2-bias-low	
	soho-sup2-rx-hwarn	
	soho-sup2-rx-lwarn	
	soho-sup2-tx-hwarn	
	soho-sup2-tx-lwarn	
	soho-sup2-temp-hwarn	
	soho-sup2-temp-lwarn	
	soho-sup2-volt-hwarn	
	soho-sup2-volt-lwarn	
	soho-sup2-bias-hwarn	
	soho-sup2-bias-lwarn	
	mdu-sup2-temp-low	
	mdu-sup2-volt-low	
	mdu-sup2-tx-high	
	mdu-sup2-bias-low	
	mdu-sup2-rx-hwarn	
	mdu-sup2-rx-lwarn	
	mdu-sup2-tx-hwarn	
	mdu-sup2-tx-lwarn	
	mdu-sup2-temp-hwarn	
	mdu-sup2-temp-lwarn	
	mdu-sup2-volt-hwarn	
	mdu-sup2-volt-lwarn	
	mdu-sup2-bias-hwarn	
	mdu-sup2-bias-lwarn	
	cust-alm1	
	cust-alm2	
	cust-alm3	
	cust-alm4	
	cust-alm5	
	cust-alm6	
	cust-alm7	
	cust-alm8	
	cust-alm9	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	cust-alm10 cust-alm11 cust-alm12 cust-alm13 cust-alm14 cust-alm15 cust-alm16 cust-alm17 cust-alm18 cust-alm19 cust-alm20 cust-alm21 cust-alm22 cust-alm23 cust-alm24 cust-alm25 cust-alm26 cust-alm27 cust-alm28 cust-alm29 cust-alm30 cust-alm31 ethernet-ring-pthfwst ethernet-ring-fop-to ethernet-ring-fop-pm fpm-depletion exp-seizureack exp-disconack exp-forcerelack packet-loss remote-packet-loss no-dsp-resource la-down la-standby-na la-switch-fail la-degrade melt-board-reset board-shelf-mismatch fcs-thresh-exceed) Possible values: - all : all alarms for query - xtca-ne-es : errored seconds in 15 min - xtca-ne-ses : severely errored seconds in 15 min - xtca-ne-uas : unavailable seconds in 15 min - xtca-ne-day-es : errored seconds in 1 day - xtca-ne-day-ses : severely errored seconds in 1 day - xtca-ne-day-uas : unavailable seconds in 1 day - xtca-fe-es : errored seconds in 15 min - xtca-fe-ses : severely errored secs in 15 min - xtca-fe-uas : unavailable seconds in 15 min - xtca-fe-day-es : errored seconds in 1 day - xtca-fe-day-ses : severely errored secs in 1 day - xtca-fe-day-uas : unavailable seconds in 1 day - xtca-leftrs : low error free throughput seconds in 15 min - xtca-day-leftrs : low error free throughput seconds in 1 day - xtca-fe-leftrs : far end low error free throughput seconds in 15 min	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - xtca-fe-day-leftfs : far end low error free throughput seconds in 1 day - xtca-auto-port-reset : auto-port-resets in 1 week - xtca-reinit : Reinitialization seconds in 15 min - xtca-day-reinit : Reinitialization seconds in 1 day - xdsl-ne-los : loss of signal - xdsl-ne-lof : loss of frame - xdsl-ne-lom : loss of margin - xdsl-ne-ese : excessive severe errors - xdsl-act-cfg-error : line configuration data cannot be used - xdsl-act-not-feas : line capacity not enough to setup requested profile - xdsl-up-br-reach : planned bitrate not reached after initialization - xdsl-ne-ncd : no cell delineation - xdsl-ne-lcd : loss of cell delineation - xdsl-fe-los : loss of signal - xdsl-fe-lof : loss of frame - xdsl-fe-lpr : loss of power - xdsl-fe-lol : loss of link - xdsl-fe-lom : loss of margin - xdsl-fe-ese : excessive severe errors - xdsl-fe-upbo-vio : upbo violation - xdsl-fe-cpe-pol : activation failure cpe policing - xdsl-tpstc-mis : mismatch between the configured tps-tc mode and the mode supported by the connected cpe - xdsl-act-comm : init not successful due to communications problem - xdsl-act-modem : no peer modem detected - xdsl-do-br-reach : planned bitrate not reached after init - xdsl-fe-ncd : no cell delineation - xdsl-fe-lcd : loss of cell delineation - xdsl-frtx-init-fail : init not successful due to forced rtx - xdsl-vect-dle : vectoring disorderly leaving event - xdsl-fe-mis-peer-35b : VDSL2 35b opmode mismatch between XTU-C and XTU-R - vectline-xtc-var-vict : excessive victim crosstalk coefficients variation - vectline-xtc-var-dist : excessive disturber crosstalk coefficients variation - vectline-corp-errf : corrupted or missing errorf-samples - vect-cpe-cap-mismatch : not allowed Vectoring CPE connected - vectline-conf_notfeas : vect line configuration not feasible - vect-vp-lt-mismatch : actual vp-lt connection(s) do not match expected vp-lt connection(s) or vp-lt connection lost - vect-inv-qsfp : qsfp has no valid Nokia ID - vect-vp-lt-fail : vp-lt connection not operational - vect-no-gain-at-init : Lines cannot train in gain-at-init mode - sw-rollback : non active oswp,db cannot be operational - will rollback - db-rollback : selected oswp,db cannot be operational - will rollback - xvps-inv-dbase : invalid xvps dbase - inv-cde-file : invalid xvps cde file - miss-cde-file : missing cde profile 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - cde-hash-error : cde profile hash error - low-disk-space : insufficient space for Sw storage - cell-discard-up : cell discarded in the upstream direction - cell-discard-down : cell discarded in the downstream direction - persist-data-loss : all data lost after restart - system not configured - mac-conflict : duplicate mac address on the bridge port - vmac-full : virtual mac address is full on the bridge port - sntp-comm-lost : sntp server not responding - preferred-mode : preferred mode not available - timing-reference : timing reference failure - nt-disk-95%full : nt disk 95% full - shub-loc : communication lost with shub - cf-error : compact flash access error - back-pnl-inv : BackPanel-type Invalid - ihub-conf-loss : iHub configuration loss - recent changes lost - rack-power : power fuse broken - rack-fan-unit1 : fan unit rack 1 failing - rack-fan-unit2 : fan unit rack 2 failing - shelf-mismatch : shelf type different from planned type - shelf-missing : detected shelf no longer detected - shelf-install-missing : shelf planned but not installed - door : open cabinet door - ac-power-fail : external power failure - shelf shutdown in 15 minutes - board-mismatch : board inserted different from planned - waiting-for-sw : not able to download all the applicable sw files - temp-exceeded : temperature threshold exceeded on the board - backplane-data-failure: It port on backplane data failure - temp-shutdown : board powered down itself - too high temperature - board-missing : board detected after planning - now missing - board-instl-missing : board never detected after planning - board-init : board initialisation failure - board-reset-prot : number of resets exceeded - sem-power-fail : SEM external power failure - sem-ups-fail : SEM external power supply failure - board-reset-cf : board reset and/or communication failure - vlan-assign-fail : failure to assign VLAN for a user session - vsa-info-invalid : radius fail to assign a valid vsa to a user session - auth-mac-conflict : failure to check mac conflict for a user session - user-pwd-fault : failure to check user or password of a user session - up-plan-bitrate : upstream bitrate is above min and below planned - up-min-bitrate : upstream bitrate is below min bitrate - up-config-not-feas : upstream bitrate is not enough to set up config group - down-plan-bitrate : downstream bitrate is above min and below planned 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - down-min-bitrate : downstream bitrate is below min bitrate - down-config-not-feas : downstream bitrate is not enough to set up config group - non-bonding-cpe : no bonding cpe modem is connected - multiple-cpes : bonding group has multiple cpe modems connected - register : bonding group discovery or aggregation register failure - group-incomplete : bonding group is incomplete - host-sfp-los : loss of signal - host-sfp-tx-fail : Tx failure - host-sfp-not-prst : not present - host-sfp-inv-id : no valid Nokia ID - host-sfp-ctrl-fail : control failure - host-sfp-rmtlt : unexpected remote plug-in - host-sfp-mismatch : assignment does not match reported rack/shelf/slot - host-sfp-incompt : incompatible shelf type detected - exp-sfp-los : expansion side loss of signal - exp-sfp-tx-fail : Tx failure - exp-sfp-not-prst : not present - exp-sfp-inv-id : no valid Nokia ID - exp-sfp-ctrl-fail : control failure - exp-sfp-1-los : expansion side sfp1 loss of signal - exp-sfp-2-los : expansion side sfp2 loss of signal - ext-qsfp-invld : Invalid Nokia ID - tx-power-high-alarm : tx power more than alarm range - tx-power-low-alarm : tx power less than alarm range - rx-power-high-alarm : rx power more than alarm range - rx-power-low-alarm : rx power less than alarm range - tx-biascur-high-alarm : tx bias current high alarm - tx-biascur-low-alarm : tx bias current low alarm - volt-high-alarm : voltage high alarm - volt-low-alarm : voltage low alarm - temp-high-alarm : temperature high alarm - temp-low-alarm : temperature low alarm - tx-power-high-warn : tx power more than warn range - tx-power-low-warn : tx power less than warn range - rx-power-high-warn : rx power more than warn range - rx-power-low-warn : rx power less than warn range - tx-biascur-high-warn : tx bias current high warn - tx-biascur-low-warn : tx bias current low warn - volt-high-warn : voltage high warn - volt-low-warn : voltage low warn - temp-high-warn : temperature high warn - temp-low-warn : temperature low warn - onu-unprovisioned : unprovisioned ont - signal-loss : pon loss of signal - bitrate-high : the error bit rate high at pon interface - opmodule-mismatch : the optical module mismatched at pon interface - key-fail-one-churn : key exchange failure during one churning time - key-fail-three-churn : key exchange failure during three churning time - oam-discov-fail : extend oam discovery failure - report-timeout : report timeout detecting 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - total-packets-exceed : total amount of protocol packets exceed threshold - arp-packets-exceed : protocol arp packets exceed threshold - dhcp-packets-exceed : protocol dhcp packets exceed threshold - igmp-packets-exceed : protocol igmp packets exceed threshold - pppoe-packets-exceed : protocol pppoe packets exceed threshold - nd-packets-exceed : protocol nd packets exceed threshold - icmpv6-packets-exceed : protocol icmpv6 packets exceed threshold - mld-packets-exceed : protocol mld packets exceed threshold - dhcpv6-packets-exceed : protocol dhcpv6 packets exceed threshold - cfm-packets-exceed : protocol cfm packets exceed threshold - dsx1-serdes-fail : SERDES clock alarm failure - dsx1-tributary1-fail : The tributary 1 clock is not present - dsx1-tributary2-fail : The tributary 2 clock is not present - dsx1-los-fail : All the selected tribs in Loss of Signal - dsx1-ais-sync : Alarm Indication signal on the tributary selected as sync source - dsx1-lof-sync : Loss of Framing on the tributary selected as sync source - dsx1-los-sync : Loss of signal on the tributary selected as sync source - dsx1-deg-fail : Signal degrade Alarm - dsx1-rei-from-liu : Remote Error Indication alarm from LIU - dsx1-rdi-from-liu : Remote Defect Alarm from LIU - dsx1-crc6-from-liu : Cyclic Redundancy check-6 alarm from LIU - dsx1-crc4-from-liu : Cyclic Redundancy check-4 alarm from LIU - dsx1-crc4-th-from-liu : Cyclic Redundancy check-4 threshold alarm from LIU - dsx1-ais-from-liu : Alarm Indication Signal alarm from LIU - dsx1-los-from-liu : Loss of signal alarm from LIU - dsx1-lof-from-liu : Loss of framing alarm from LIU - dsx1-lomf-from-liu : Loss of Multi-frame alarm from LIU - dsx1-rei-from-iwf : Remote Error Indication alarm from IWF - dsx1-rdi-from-iwf : Remote Defect Alarm from IWF - dsx1-crc6-from-iwf : Cyclic Redundancy check-6 alarm from IWF - dsx1-crc4-from-iwf : Cyclic Redundancy check-4 alarm from IWF - dsx1-crc4-th-from-iwf : Cyclic Redundancy check-4 threshold alarm from IWF - dsx1-ais-from-iwf : Alarm Indication Signal alarm from IWF - dsx1-los-from-iwf : Loss of signal alarm from IWF - dsx1-lof-from-iwf : Loss of framing alarm from IWF - dsx1-lomf-from-iwf : Loss of Multi-frame alarm from IWF 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - pppce-trans-15min-tca : 15 minutes transaction timeout count exceeds configured TCA - pppce-sess-15min-tca : 15 minutes session timeout count exceeds configured TCA - pppce-trans-1day-tca : 1day transaction timeout count exceeds configured TCA - pppce-sess-1day-tca : 1day session timeout count exceeds configured TCA - custom1 : customizable alarm 1 - custom2 : customizable alarm 2 - custom3 : customizable alarm 3 - custom4 : customizable alarm 4 - custom5 : customizable alarm 5 - he-custom1 : host expansion customizable alarm 1 - he-custom2 : host expansion customizable alarm 2 - he-custom3 : host expansion customizable alarm 3 - he-custom4 : host expansion customizable alarm 4 - he-custom5 : host expansion customizable alarm 5 - he-custom6 : host expansion customizable alarm 6 - custom6 : customizable alarm 6 - custom7 : customizable alarm 7 - custom8 : customizable alarm 8 - custom9 : customizable alarm 9 - custom10 : customizable alarm 10 - custom11 : customizable alarm 11 - custom12 : customizable alarm 12 - custom13 : customizable alarm 13 - custom14 : customizable alarm 14 - custom15 : customizable alarm 15 - custom16 : customizable alarm 16 - custom17 : customizable alarm 17 - loss-swo-cap : switch over capability in a redundant system - ping-check-fail : ping check in a redundant system - der-temp1 : Derived Alarm for Temporal Filter 1 - der-temp2 : Derived Alarm for Temporal Filter 2 - der-temp3 : Derived Alarm for Temporal Filter 3 - der-temp4 : Derived Alarm for Temporal Filter 4 - der-temp5 : Derived Alarm for Temporal Filter 5 - der-temp6 : Derived Alarm for Temporal Filter 6 - der-temp7 : Derived Alarm for Temporal Filter 7 - der-temp8 : Derived Alarm for Temporal Filter 8 - der-temp9 : Derived Alarm for Temporal Filter 9 - der-temp10 : Derived Alarm for Temporal Filter 10 - der-temp11 : Derived Alarm for Temporal Filter 11 - der-temp12 : Derived Alarm for Temporal Filter 12 - der-temp13 : Derived Alarm for Temporal Filter 13 - der-temp14 : Derived Alarm for Temporal Filter 14 - der-temp15 : Derived Alarm for Temporal Filter 15 - der-temp16 : Derived Alarm for Temporal Filter 16 - der-temp17 : Derived Alarm for Temporal Filter 17 - der-temp18 : Derived Alarm for Temporal Filter 18 - der-temp19 : Derived Alarm for Temporal Filter 19 - der-temp20 : Derived Alarm for Temporal Filter 20 - der-temp21 : Derived Alarm for Temporal Filter 21 - der-temp22 : Derived Alarm for Temporal Filter 22 - der-temp23 : Derived Alarm for Temporal Filter 23 - der-temp24 : Derived Alarm for Temporal Filter 24 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - der-temp25 : Derived Alarm for Temporal Filter 25 - der-temp26 : Derived Alarm for Temporal Filter 26 - der-temp27 : Derived Alarm for Temporal Filter 27 - der-temp28 : Derived Alarm for Temporal Filter 28 - der-temp29 : Derived Alarm for Temporal Filter 29 - der-temp30 : Derived Alarm for Temporal Filter 30 - der-temp31 : Derived Alarm for Temporal Filter 31 - der-spa1 : Derived Alarm for Spatial Filter 1 - der-spa2 : Derived Alarm for Spatial Filter 2 - der-spa3 : Derived Alarm for Spatial Filter 3 - der-spa4 : Derived Alarm for Spatial Filter 4 - der-spa5 : Derived Alarm for Spatial Filter 5 - der-spa6 : Derived Alarm for Spatial Filter 6 - der-spa7 : Derived Alarm for Spatial Filter 7 - der-spa8 : Derived Alarm for Spatial Filter 8 - der-spa9 : Derived Alarm for Spatial Filter 9 - der-spa10 : Derived Alarm for Spatial Filter 10 - der-spa11 : Derived Alarm for Spatial Filter 11 - der-spa12 : Derived Alarm for Spatial Filter 12 - der-spa13 : Derived Alarm for Spatial Filter 13 - der-spa14 : Derived Alarm for Spatial Filter 14 - der-spa15 : Derived Alarm for Spatial Filter 15 - der-spa16 : Derived Alarm for Spatial Filter 16 - der-spa17 : Derived Alarm for Spatial Filter 17 - der-spa18 : Derived Alarm for Spatial Filter 18 - der-spa19 : Derived Alarm for Spatial Filter 19 - der-spa20 : Derived Alarm for Spatial Filter 20 - der-spa21 : Derived Alarm for Spatial Filter 21 - der-spa22 : Derived Alarm for Spatial Filter 22 - der-spa23 : Derived Alarm for Spatial Filter 23 - der-spa24 : Derived Alarm for Spatial Filter 24 - der-spa25 : Derived Alarm for Spatial Filter 25 - der-spa26 : Derived Alarm for Spatial Filter 26 - der-spa27 : Derived Alarm for Spatial Filter 27 - der-spa28 : Derived Alarm for Spatial Filter 28 - der-spa29 : Derived Alarm for Spatial Filter 29 - der-spa30 : Derived Alarm for Spatial Filter 30 - der-spa31 : Derived Alarm for Spatial Filter 31 - apsf-alarm : Applique Power Supply Failure - custextalarm1 : Customizable External Alarm Number 1 - custextalarm2 : Customizable External Alarm Number 2 - custextalarm3 : Customizable External Alarm Number 3 - custextalarm4 : Customizable External Alarm Number 4 - custextalarm5 : Customizable External Alarm Number 5 - pluginfan : REM Fan Alarm - plugin-dc-a : REM DC A Alarm - plugin-dc-b : REM DC B Alarm - plugin-dg : Dying Gasp Alarm - ntr-a-loss : NTR-A signal is not available - ntr-b-loss : NTR-B signal is not available - xvps-conf-loss : xvps configuration loss - mac-entry-nofree : no free mac entry in the mac table on It board - fibre-conn-mismatch : REM Fibre Connection Mismatch Alarm - link-cap-mismatch : Link speed capability mismatch - eqpt-cap-mismatch : Link equipment capability mismatch 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ctrl-dnld-failure : Controller card download failure - melt-hw-issue : MELT hardware issue - melt-board-reset : MELT board reset - board-shelf-mismatch : board type and shelf type mismatch - mgnt-type-mismatch : Board management type mismatch - fileserv-unavail : file transfer Server unavailable or file transfer failed - shdsl-n-loopback : loopback active at the network side - shdsl-c-loopback : loopback active at the customer side - shdsl-conferr : configuration error - shdsl-atm-lcd : loss of atm cell delineation - shdsl-lpr : loss of power at stu-r - shdsl-secu-err : unable to disable stu-r access - shdsl-dev-fault : device fault - shdsl-atm-ncd : no atm cell delineation - shdsl-n-losw : loss of sync word at the network side on each pair - shdsl-c-losw : loss of sync word at the customer side on each pair - shdsl-n-aten : loop attenuation alarm at the network side on each pair - shdsl-c-aten : loop attenuation alarm at the customer side on each pair - shdsl-n-snr : snr margin alarm at the network side each pair - shdsl-c-snr : snr margin alarm at the customer side on each pair - shdsl-n-dccont : dc continuity fault at the network side on each pair - shdsl-c-dccont : dc continuity fault at the customer side on each pair - shdsl-c-actfail : activation failure at the customer side on each pair - e1-fe-rai : Receiving Remote Alarm Indication - e1-ne-rai : Transmitting Remote Alarm Indication - e1-fe-ais : Receiving Alarm Indication Signal - e1-ne-ais : Transmitting Alarm Indication Signal - e1-lof : E1 Loss of frame - e1-los : E1 Loss of Signal - e1-loopback : E1 facility in loopback - ima-grp-fe-su : far-end starting up - ima-grp-fe-cfg : far-end failed configuration - ima-grp-ne-cfg : near-end failed configuration - ima-grp-fe-nl : insufficient number of links at far-end - ima-grp-ne-nl : insufficient number of links at near-end - ima-grp-fe-blk : far-end is blocked - ima-lnk-lif : loss of ima frame - ima-lnk-lods : link out of delay synchronization - ima-lnk-misc : link misconnect - ima-lnk-rfi : link remote failure indication - ima-lnk-fault : fault in link facility - ima-lnk-txblk : transmit blocked due to far-end - ima-lnk-rxblk : receive blocked due to far-end - bad-digitmap : Configured digitmap is unusable - dhcp-unreach : The DHCP server is unreachable - dhcp-no-srv : The address in DHCP reply is NULL - dhcp-inv-srv : The address in DHCP reply is invalid - norpniewithsoftdsp : do not plan / plug-in RPNI-E board 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<p>with SoftDsp SW image</p> <ul style="list-style-type: none"> - unknown-sub : subscriber exist in the POLT, but not in the appl server - ground-key : Return current to the ground - port-hightemp : Temperature threshold on user port exceeded. - port-jbfltca : JB fill level threshold on user port exceeded. - reg-domainname : Registration failure (resolving domain name). - reg-auth : Registration failure (authentication). - reg-timeout : Registration failure (message timeout). - reg-srvfailresp : Registration failure (failure response from server). - inv-domainname : Invitation failure (resolving domain name). - inv-auth : Invitation failure (authentication). - inv-timeout : Invitation failure (message timeout). - inv-srvfailresp : Invitation failure (failure response from server). - subs-srvfailresp : Subscribe failure (failure response from server). - subs-domainname : Subscribe failure (resolving domain name). - subs-auth : Subscribe failure (authentication). - subs-refreshfail : Subscribe failure (refresh failure). - subs-inittimeout : Subscribe failure (initial REQ timeout). - emergency-call : Emergency call for SIP POTS is ongoing. - elsip-reg-domainname : E1 sip termination registration failure (resolving domain name). - elsip-reg-auth : E1 sip termination registration failure (authentication). - elsip-reg-timeout : E1 sip termination registration failure (message timeout). - elsip-reg-srvfailresp : E1 sip termination registration failure (failure response from server). - elsip-inv-domainname : E1 sip termination invitation failure (resolving domain name). - elsip-inv-auth : E1 sip termination invitation failure (authentication). - elsip-inv-timeout : E1 sip termination invitation failure (message timeout). - elsip-inv-srvfailresp : E1 sip invitation failure (failure response from server). - elsip-emergency-call : Emergency call for ISDN PRA/CAS R2 is ongoing. - el1itf-ais-signal : Alarm Indication Signal detected at E1 interface. - el1itf-los-signal : Loss Of Signal detected at E1 interface. - el1itf-rai-signal : Remote Alarm Indication detected at E1 interface. - elsip-misconfig-mgc10 : Configuration not conform with the core network entity. - elsip-nsmprf-missed : The SIP termination requires a NSM profile. - el1itf-recv-ais : Alarm Indication Signal received at interface. - el1itf-recv-los : Loss Of Signal received at interface. 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - eltlitf-recv-rai : Remote Alarm Indication received at interface. - transport-mismatch : Transport protocol mismatch - dns-lookup-failure : Dns look up failure - none-dns-srv : No reply for all DNS serverd - no-dns-srv : No DNS servers configured - none-srv : No reply for all SIP First Hops - no-srv : No SIP First Hop configured - reg-srv-unreach : All SIP register servers are unreachable - proxy-srv-unreach : All SIP proxy servers are unreachable - dhcp-srv-unreach : The DHCP server is unreachable on this board - fo-trigger : Fail Over Triggered - fb-trigger : Fail Back Triggered - du-trigger : Deliberate Update Triggered - ssp-missing : SSP Missing in CDE - dns-pool-exceed : Number of different SG associated DNS pools exceed - lsa-fo-trigger : SIP voice service degraded - fail-over to LSA server - reg-domainname-sec : Registration failure (resolving domain name). - reg-auth-sec : Registration failure (authentication). - reg-timeout-sec : Registration failure (message timeout). - reg-srvfailresp-sec : Registration failure (failure response from server). - inv-domainname-sec : Invitation failure (resolving domain name). - inv-auth-sec : Invitation failure (authentication). - inv-timeout-sec : Invitation failure (message timeout). - inv-srvfailresp-sec : Invitation failure (failure response from server). - subs-srvfailresp-sec : Subscribe failure (failure response from server). - subs-domainname-sec : Subscribe failure (resolving domain name). - subs-auth-sec : Subscribe failure (authentication). - subs-refreshfail-sec : Subscribe failure (refresh failure). - subs-inittimeout-sec : Subscribe failure (initial REQ timeout). - emergency-call-sec : Emergency call for Secondary Termination is ongoing. - fanout : Lt load overflow - up-overflow : Upstream load overflow - upobc-overflow : Upstream load to OBC overflow - dwobc-overflow : Downstream load to OBC overflow - dw-overflow : Downstream load overflow - lwpri-overflow : The number of BE and CL pkts dropped exceed threshold - queue-drop : The number of pkts dropped by queue exceeds threshold - queue-load : The queue load exceeds threshold - queue-peak-usage : The queue peak usage exceeds threshold - mgc-unreachable : loss of contact with the media gateway controller - failover-to-esamgc : failover to esa mgc 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - sgc-unreachable : loss of contac with signaling gateway controller - lcard-unreach-srvcard : line card unreachable with server card - lcard-type-mismatch : associate board of wrong type - meg-unknown-sub : the megaco subscriber is unknown - meg-ground-key : voice port ground key - meg-high-temp : voice port high temperature - meg-act-fail : the first link layer for isdn subscriber activation failure - meg-over-current : voice port over current - line-showering : line showering - low-qos-packetloss : the total packet loss has exceeded the configured threshold - low-qos-jitter : the rtp jitter has exceeded the configured threshold - low-qos-delay : the rtp delay has exceeded the configured threshold - sig-brd-persist-loss : voice signaling board persistent data loss - sig-brd-disk-full : voice signaling board disk 90% full - sig-brd-db-rollback : voice signaling board db rollback - mg-overload : mg overload - meg-unknown-sub-sec : The Megaco subscriber exists in voice signaling board but not in media gateway controller. - line-showering-sec : A subscriber line exceeds 20 off-hook / on-hook events / minute. - loss-env-mon : env-monitor box lost or not alive - etca-los : loss of signal errors in 15 min - etca-fcs : frame check sequence errors in 15 min - etca-day-los : loss of signal errors in 1 day - etca-day-fcs : frame check sequence errors in 1 day - etca-rx-octets : received octets in 15 min - etca-tx-octets : transmitted octets in 15 min - etca-day-rx-octets : received octets in 1 day - etca-day-tx-octets : transmitted octets in 1 day - user-sfp-los : user sfp loss of signal - user-sfp-tx-fail : user sfp tx failure - user-sfp-not-prst : user sfp not detected - user-sfp-inv-id : user sfp invalid id - user-sfp-t-exceed : user sfp temperature exceed - user-sfp-mismatch : user sfp mismatch the configured type - uplink-sfp-los : uplink sfp loss of signal - uplink-sfp-tx-fail : uplink sfp tx failure - uplink-sfp-not-prst : uplink sfp not detected - uplink-sfp-inv-id : uplink sfp invalid id - uplink-sfp-t-exceed : uplink sfp temperature exceed - uplink-sfp-mismatch : uplink sfp mismatch the configured type - loss-lsmwp-cap : lsm redundancy - inv-xvps-pair-data : invalid xvps pair redundancy data - network-power-loss : Loss of Network Power - hw-fault : Hardware Failure - bat-miss : Power Source Battery Missing - bat-fail : Power Source Battery Failure - bat-low : Power Source Battery Charge LOW - bat-a-fail : Power Source BAT-A Fail 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - bat-b-fail : Power Source BAT-B Fail - ac-vol-out-range : AC Input Voltage Value Out of Range - network-power-loss-b : Loss of Network Power B - sem-ac-power-fail : External AC power supply failure - sem-ups-low-volt : External power supply low voltage - dc-a-fail : Local DC A power failure - dc-b-fail : Local DC B power failure - plan-power-mismatch : Planned and detected power mode mismatch - water-seepage-in-box : Detected water seepage in enclosure - sealed-box-open : Sealed box open detected - dc-a-vol-out-range : DC A Input Voltage Value Out of Range - dc-b-vol-out-range : DC B Input Voltage Value Out of Range - inlet-temp-major : The inlet temperature has exceeded a major level - inlet-temp-critical : The inlet temperature has exceeded a critical level - psu-fail-crit : Power Supply failure - psu-a-fail-presence : Power Supply A is not present - psu-a-fail-vin-ac-nok : Power Supply A has Vin AC fault - psu-a-fail-vin-uv : Power Supply A has Vin undervoltage - psu-a-fail-vin-ov : Power Supply A has Vin overvoltage - psu-a-fail-vout-uv : Power Supply A has Vout undervoltage - psu-a-fail-vout-ov : Power Supply A has Vout overvoltage - psu-a-fail-iout-oc : Power Supply A has Iout overcurrent - psu-a-fail-overtemp : Power Supply A has over temperature - psu-b-fail-presence : Power Supply B is not present - psu-b-fail-vin-ac-nok : Power Supply B has Vin AC fault - psu-b-fail-vin-uv : Power Supply B has Vin undervoltage - psu-b-fail-vin-ov : Power Supply B has Vin overvoltage - psu-b-fail-vout-uv : Power Supply B has Vout undervoltage - psu-b-fail-vout-ov : Power Supply B has Vout overvoltage - psu-b-fail-iout-oc : Power Supply B has Iout overcurrent - psu-b-fail-overtemp : Power Supply B has over temperature - synce-fail : synce clock source failure - bits-fail : bits clock source failure - bits-output-shutoff : bits output failure - ieee1588-fail : ieee1588 clock source failure - gnss-fail : gnss clock source failure - ieee1588-hybrid-fail : ieee1588 hybrid tod source failure - signal-loss : synce or bits clock signal loss - signal-efd : synce or bits clock signal exceed frequency deviation - esmc-loss : clock source loss SSM information - bits-output-exceed : exceed bits output threshold - ql-input-exceed : exceed input clock source threshold - holdover : clock system is in the holdover - lti : all clock source failed - tod-reference-fail : Timing ToD Reference failed - internal-clk-fail : Internal CLK failed 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - bgp-peer-down : peer operational state is down - bgp-routes-mid-limit : 90% of max nbr of routes BGP can learn from a peer is reached - isis-adjacency-down : isis adjacency is down - isis-adjacency-reject : isis adjacency is rejected - isis-instance-down : isis instance is down or not - ospf-lsa-limit : limit of received LSA's is reached - ospf-lsa-mid-limit : 90% of limit of received LSA's is reached - ospf-neighbor-down : OSPF neighbour is down - ospf-instance-down : OSPF instance is down or not - ospf3-lsa-limit : limit of received OSPFv3 LSAs is reached - ospf3-lsa-mid-limit : 90% of limit of received OSPFv3 LSAs is reached - ospf3-neighbor-down : OSPFv3 neighbour is down - ospf3-instance-down : OSPFv3 instance is down or not - rip-instance-down : rip instance down - lag-down : lag down - lagsubgrp-thresh-reach: lag subgroup threshold reached - lagsubgrp-switch-fail : lag subgroup switchover failed - no-unpinned-free-ports: No free ports available for unpinned traffic - general-arp-limit : arp limit exceeded - gen-switch-out-of-res : failure due to lack of resources on switch - ipv6-nc-limit : ipv6 neighbor cache limit exceeded - dhcp-session-oor : dhcp session out of resources - ihub-fdb-limit : layer 2 fdb limit reached - ihub-mac-limit : layer 2 mac limit reached - l2fw-stp-exception : STP exception condition is present in the SAP - l2fw-stp-root-guard : STP root guard violation is present - vprn-routes-limit : limit of ip is reached - vprn-ipv6-routes-limit: limit of ipv6 is reached - dhcpv6-lease-limit : limit of dhcpv6 leases is reached - dhcpv4-lease-limit : limit of dhcpv4 leases is reached - vpls-mfib-limit : limit of fib table is reached - ihub-ipv6-dad-own : duplicate IPV6 address is detected for IP address allotted to system - ihub-ipv6-dad : duplicate IPV6 address is detected for a user's IP address - ihub-ipv6-dup-pd-route: ipv6 duplicate pd detected - vpls-duplicate-mac : duplicate mac address is detected - vpls-fdb-limit : limit of fdb table is reached - vpls-self-duplic-mac : duplicate of a system owned mac address detected on a sap - vpls-sdp-self-dup-mac : duplicate of a system owned mac address detected on a sdp binding - link-down : link is down - link-lagport-add-fail : failure to add port to LAG - link-conf-mismatch : SFP+plugin-types does not match the planned speed and/or auto-negotiation for the port - ihub-peer-comm : ihub peer to peer communication failure - ihub-sw-fail : IHUB s/w error - ihub-hw-fail : IHUB h/w error - ihub-link-fail : IHUB link failure - ihub-proc-overload : IHUB processor exceeded 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ihub-out-of-mem : IHUB processor out of memory - ntp-comm-lost : No response is received from the NTP servers - ldp-instance-down : ldp instance down - ldp-session-down : ldp session down - mpls-instance-down : mpls instance down - mpls-lsp-down : lsp down - mpls-lsp-path-down : lsp path down - sdp-instance-down : sdp instance down - sdp-binding-down : sdp binding down - epipe-instance-down : epipe instance down - lldpmed-portcfg-mis : config request failure for lldpmed portconfig - lldpmed-mediapl-mis : config request failure for lldpmed mediapolicy - vlanport-svc-mismatch : config request failure for the provisioned vlanport - mcsrc-stream-lost : multicast video stream lost - eqptsupl-syslog-upload: upload of log file to remote server failure - eqptsupl-ontsw-dnload : ont sw download in progress - cf-75%used : Compact flash exceeds 75% of life expectancy - cf-90%used : Compact flash exceeds 90% of life expectancy - olt-gen-pon-com-fail : pon communication failure on olt - olt-gen-tx-fail : transmitter failure on olt - olt-gen-unprov-ont : unprovisioned ont on pon - olt-gen-pon-eqpt-prov : mismatch btw equipment and provisioning pon attributes - olt-gen-pon-loss-sig : pon loss of signal - olt-gen-pon-diagnostic: pon diagnostic test active - olt-gen-loid-conflict : loid conflict ont on pon - olt-gen-loid-pwderr : loid password error ont on pon - olt-gen-pon-alien-test: pon alien diagnostic test active - olt-gen-alien-detect : pon alien detect active - olt-gen-rng-mism : pon ranging mismatch active - olt-gen-sfp-mism : pon sfp mismatch active - olt-gen-deact-hightca : deactivated ont hightca threshold crossed - olt-gen-deact-lowtca : deactivated ont lowtca threshold crossed - olt-gen-dp-integ : pon data path integrity failure - olt-gen-ddr-fault : pon failure due to ddr fault - olt-pon-tc-err-frag-tc: pon errored fragments threshold crossed - olt-ont-tc-err-frag-tc: ont errored fragments threshold crossed - ont-ploam-loss-sig : loss of signal at ont - ont-ploam-loss-ack : loss of acknowledge from ont - ont-ploam-loss-cd : loss of channel delineation of ont - ont-ploam-phy-eqpt-err: physical equipment error of ont - ont-ploam-startup-fail: startup failure in ranging of ont - ont-ploam-sig-degrade : signal degrade from ont - ont-ploam-disabled : ont disabled alarm - ont-ploam-err-msg : error message from ont - ont-ploam-inactive : inactive ont 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ont-ploam-sig-fail : signal fail alarm from ont - ont-ploam-dying-gasp : dying gasp alarm from ont - ont-ploam-deact-fail : deactive failure of ont - ont-ploam-oam : loss of ploam for ont - ont-ploam-win-drift : drift of window alarm - ont-ploam-rdi : remote defect indication alarm - ont-ploam-loss-ks : loss of key synchronization alarm - ont-ploam-pwr-burst : power bursts on ont - ont-ploam-rog-disa : ont rogue disabled - ont-ploam-diff-reach : ont differential reach exceeded - ont-ploam-looc : Loss of OMCI channel due to persistent MIC failure - sfu-ploam-loss-sig : SFU ONT - loss of signal at ont - sfu-ploam-loss-ack : SFU ONT - loss of acknowledge from ont - sfu-ploam-loss-cd : SFU ONT - loss of channel delineation of ont - sfu-ploam-phy-eqpt-err: SFU ONT - physical equipment error of ont - sfu-ploam-startup-fail: SFU ONT - startup failure in ranging of ont - sfu-ploam-sig-degrade : SFU ONT - signal degrade from ont - sfu-ploam-disabled : SFU ONT - ont disabled alarm - sfu-ploam-err-msg : SFU ONT - error message from ont - sfu-ploam-inactive : SFU ONT - inactive ont - sfu-ploam-sig-fail : SFU ONT - signal fail alarm from ont - sfu-ploam-dying-gasp : SFU ONT - dying gasp alarm from ont - sfu-ploam-deact-fail : SFU ONT - deactive failure of ont - sfu-ploam-oam : SFU ONT - loss of ploam for ont - sfu-ploam-win-drift : SFU ONT - drift of window alarm - sfu-ploam-rdi : SFU ONT - remote defect indication alarm - sfu-ploam-loss-ks : SFU ONT - loss of key synchronization alarm - sfu-ploam-pwr-burst : SFU ONT - power bursts on ont - sfu-ploam-rog-disa : SFU ONT - ont rogue disabled - sfu-ploam-diff-reach : SFU ONT - ont differential reach exceeded - sfu-ploam-looc : SFU ONT - Loss of OMCI channel due to persistent MIC failure - soho-ploam-loss-sig : SOHO ONT - loss of signal at ont - soho-ploam-loss-ack : SOHO ONT - loss of acknowledge from ont - soho-ploam-loss-cd : SOHO ONT - loss of channel delineation of ont - soho-ploam-phy-eqpt-er: SOHO ONT - physical equipment error of ont - soho-ploam-startup-fai: SOHO ONT - startup failure in ranging of ont - soho-ploam-sig-degrade: SOHO ONT - signal degrade from ont - soho-ploam-disabled : SOHO ONT - ont disabled alarm - soho-ploam-err-msg : SOHO ONT - error message from ont - soho-ploam-inactive : SOHO ONT - inactive ont - soho-ploam-sig-fail : SOHO ONT - signal fail alarm from 	

Resource Identifier	Type	Description
	ont - soho-ploam-dying-gasp : SOHO ONT - dying gasp alarm from ont - soho-ploam-deact-fail : SOHO ONT - deactive failure of ont - soho-ploam-oam : SOHO ONT - loss of ploam for ont - soho-ploam-win-drift : SOHO ONT - drift of window alarm - soho-ploam-rdi : SOHO ONT - remote defect indication alarm - soho-ploam-loss-ks : SOHO ONT - loss of key synchronization alarm - soho-ploam-pwr-burst : SOHO ONT - power bursts on ont - soho-ploam-roq-disa : SOHO ONT - ont rogue disabled - soho-ploam-diff-reach : SOHO ONT - ont differential reach exceeded - soho-ploam-looc : SOHO ONT - Loss of OMCI channel due to persistent MIC failure - mdu-ploam-loss-sig : MDU ONT - loss of signal at ont - mdu-ploam-loss-ack : MDU ONT - loss of acknowledge from ont - mdu-ploam-loss-cd : MDU ONT - loss of channel delineation of ont - mdu-ploam-phy-eqpt-err: MDU ONT - physical equipment error of ont - mdu-ploam-startup-fail: MDU ONT - startup failure in ranging of ont - mdu-ploam-sig-degrade : MDU ONT - signal degrade from ont - mdu-ploam-disabled : MDU ONT - ont disabled alarm - mdu-ploam-err-msg : MDU ONT - error message from ont - mdu-ploam-inactive : MDU ONT - inactive ont - mdu-ploam-sig-fail : MDU ONT - signal fail alarm from ont - mdu-ploam-dying-gasp : MDU ONT - dying gasp alarm from ont - mdu-ploam-deact-fail : MDU ONT - deactive failure of ont - mdu-ploam-oam : MDU ONT - loss of ploam for ont - mdu-ploam-win-drift : MDU ONT - drift of window alarm - mdu-ploam-rdi : MDU ONT - remote defect indication alarm - mdu-ploam-loss-ks : MDU ONT - loss of key synchronization alarm - mdu-ploam-pwr-burst : MDU ONT - power bursts on ont - mdu-ploam-roq-disa : MDU ONT - ont rogue disabled - mdu-ploam-diff-reach : MDU ONT - ont differential reach exceeded - mdu-ploam-looc : MDU ONT - Loss of OMCI channel due to persistent MIC failure - ont-hpna-ser-mis : hpna ont service mismatch - ont-hpna-los-sig : hpna loss of link - ont-moca-svc-mis : moca ont service mismatch - ont-moca-link-los : moca loss of link - ont-moca-min-bw : moca bw between nodes less than minimum bw - ont-moca-tca-rx-err-fr: moca rx errored frames threshold crossed	

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Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ont-sipa-reg-nm-fail : sipua registration name failed - ont-sipa-reg-rec-fail : sipua register reach failed - ont-sipa-reg-con-fail : sipua register connect failed - ont-sipa-reg-val-fail : sipua register validation failed - ont-sipa-reg-mis : sipua register mismatch - ont-vcd-cfg-nm-fail : vcd config name failed - ont-vcd-cfg-rech-fail : vcd config reach failed - ont-vcd-cfg-conn-fail : vcd config connect failed - ont-vcd-cfg-vali-fail : vcd config validation failed - ont-vcd-cfg-auth-fail : vcd config authentication failed - ont-vcd-cfg-resp-tmout: vcd config response timeout - ont-vcd-cfg-resp-err : vcd config response error - ont-vcd-cfg-file-err : vcd config file error - ont-vcd-sub-nm-fail : vcd subscription name failed - ont-vcd-sub-rech-fail : vcd subscription reach failed - ont-vcd-sub-conn-fail : vcd subscription connect failed - ont-vcd-sub-vali-fail : vcd subscription validation failed - ont-vcd-sub-auth-fail : vcd subscription authentication failed - ont-vcd-sub-resp-tmout: vcd subscription response timeout - ont-vcd-sub-resp-err : vcd subscription response error - ont-vcd-reb-requ : vcd reboot request - ont-vcd-mis : vcd mismatch - ont-mgc-mis : ont mgc mismatch - ont-mgc-timeout : ont mgc timeout - ont-sip-reg-dns : ont services pots sip registration failed (resolving domain name) - ont-sip-reg-fail : ont services pots sip registration authentication failed - ont-sip-reg-timeout : ont services pots sip registration timeout - ont-sip-reg-err-resps : ont services pots sip registration response error - ont-sip-inv-dns : ont services pots sip invitation failed (resolving domain name) - ont-sip-inv-auth : ont services pots sip invitation authentication failed - ont-sip-inv-timeout : ont services pots sip invitation timeout - ont-sip-inv-err : ont services pots sip invitation response error - ont-svc-pots-subs-refr: ont services pots iconfig subscription could not be refreshed - ont-svc-pots-not-refr : ont services pots iconfig notification could not be refreshed - ont-svc-pots-icfg-err : ont services pots service failed due to an unmapped iconfig error - ont-veip-mismatch : ont veip mismatch - ont-ip-host-mismatch : ont ip host mismatch - ont-ip-host-file : ont ip host file unavailable - ont-ip-host-ip-alloc : ont ip host IP allocation failure - olt-pon-up-bw-tca : OLT PON upstream bandwidth TCA - olt-pon-down-bw-tca : OLT PON downstream bandwidth TCA - ont-gen-omci-fail : loss of communication - ont-gen-eqpt-selftest : ont self-test failure - ont-gen-ac-pwr-fail : ac power failure on ont 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ont-gen-bat-missing : battery missing - ont-gen-bat-low : battery low - ont-gen-bat-fail : battery failure - ont-gen-phys-intrusion: physical intrusion - ont-gen-sw-dnload-f : ont sw download failure - ont-gen-sw-dnload-p : ont sw download in progress - ont-gen-sw-act-fail : ont sw activation failure - ont-gen-eqpt-vers-mis : ont equipment version mismatch - ont-gen-sw-vers-mis : ont sw version mismatch - ont-gen-us-rate-mis : ont upstream rate mismatch - ont-gen-mdu-env1 : mdu environmental alarm#1 - ont-gen-mdu-env2 : mdu environmental alarm#2 - ont-gen-mdu-env3 : mdu environmental alarm#3 - ont-gen-nw-time-err : network timing protocol error - ont-gen-opt-sig-high : optical signal level too high - ont-gen-opt-sig-low : optical signal level too low - ont-gen-eqpt-prov-sa : service affecting mismatch btw equipment and provisioning attributes - ont-gen-eqpt-prov-nsa : non service affecting mismatch btw equipment and provisioning attributes - pon-t-txmcutilhi : pon utilization tx (downstream) multicast high threshold crossed - pon-t-txmcutilmd : pon utilization tx (downstream) multicast medium threshold crossed - pon-t-txmcutillo : pon utilization tx (downstream) multicast low threshold crossed - pon-t-txtotutilhi : pon utilization tx (downstream) total high threshold crossed - pon-t-txtotutilmd : pon utilization tx (downstream) total medium threshold crossed - pon-t-txtotutillo : pon utilization tx (downstream) total low threshold crossed - pon-t-rxtotutilhi : pon utilization rx (upstream) total high threshold crossed - pon-t-rxtotutilmd : pon utilization rx (upstream) total medium threshold crossed - pon-t-rxtotutillo : pon utilization rx (upstream) total low threshold crossed - pon-t-dbacongperiodhi : pon utilization rx (upstream) dbacongperiod high threshold crossed - pon-t-dbacongperiodmd : pon utilization rx (upstream) dbacongperiod medium threshold crossed - pon-t-dbacongperiodlo : pon utilization rx (upstream) dbacongperiod low threshold crossed - pon-t-txucdropfrmhi : pon utilization tx (downstream) unicast drop frame high threshold crossed - pon-t-txucdropfrmmd : pon utilization tx (downstream) unicast drop frame medium threshold crossed - pon-t-txucdropfrmlo : pon utilization tx (downstream) unicast drop frame low threshold crossed - pon-t-txmcdropfrmhi : pon utilization tx (downstream) multicast drop frame high threshold crossed - pon-t-txmcdropfrmmd : pon utilization tx (downstream) multicast drop frame medium threshold crossed - pon-t-txmcdropfrmlo : pon utilization tx (downstream) multicast drop frame low threshold crossed - pon-t-txbcdropfrmhi : pon utilization tx (downstream) 	

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Resource Identifier	Type	Description
	broadcast drop frame high threshold crossed - pon-t-txbcdropfrmmd : pon utilization tx (downstream) broadcast drop frame medium threshold crossed - pon-t-txbcdropfrmlo : pon utilization tx (downstream) broadcast drop frame low threshold crossed - pon-t-rxtotdropfrmhi : pon utilization rx (upstream) total drop frame high threshold crossed - pon-t-rxtotdropfrmmd : pon utilization rx (upstream) total drop frame medium threshold crossed - pon-t-rxtotdropfrmlo : pon utilization rx (upstream) total drop frame low threshold crossed - chpr-t-txmcutilhi : channel-pair utilization tx (downstream) multicast high threshold crossed - chpr-t-txmcutilmd : channel-pair utilization tx (downstream) multicast medium threshold crossed - chpr-t-txmcutillo : channel-pair utilization tx (downstream) multicast low threshold crossed - chpr-t-txtotutilhi : channel-pair utilization tx (downstream) total high threshold crossed - chpr-t-txtotutilmd : channel-pair utilization tx (downstream) total medium threshold crossed - chpr-t-txtotutillo : channel-pair utilization tx (downstream) total low threshold crossed - chpr-t-rxtotutilhi : channel-pair utilization rx (upstream) total high threshold crossed - chpr-t-rxtotutilmd : channel-pair utilization rx (upstream) total medium threshold crossed - chpr-t-rxtotutillo : channel-pair utilization rx (upstream) total low threshold crossed - chpr-t-dbacongperiodhi: channel-pair utilization rx (upstream) dbacongperiod high threshold crossed - chpr-t-dbacongperiodmd: channel-pair utilization rx (upstream) dbacongperiod medium threshold crossed - chpr-t-dbacongperiodlo: channel-pair utilization rx (upstream) dbacongperiod low threshold crossed - chpr-t-txucdropfrmhi : channel-pair utilization tx (downstream) unicast drop frame high threshold crossed - chpr-t-txucdropfrmmd : channel-pair utilization tx (downstream) unicast drop frame medium threshold crossed - chpr-t-txucdropfrmlo : channel-pair utilization tx (downstream) unicast drop frame low threshold crossed - chpr-t-txmcdropfrmhi : channel-pair utilization tx (downstream) multicast drop frame high threshold crossed - chpr-t-txmcdropfrmmd : channel-pair utilization tx (downstream) multicast drop frame medium threshold crossed - chpr-t-txmcdropfrmlo : channel-pair utilization tx (downstream) multicast drop frame low threshold crossed - chpr-t-txbcdropfrmhi : channel-pair utilization tx (downstream) broadcast drop frame high threshold crossed - chpr-t-txbcdropfrmmd : channel-pair utilization tx (downstream) broadcast drop frame medium threshold crossed - chpr-t-txbcdropfrmlo : channel-pair utilization tx (downstream) broadcast drop frame low threshold crossed - chpr-t-rxtotdropfrmhi : channel-pair utilization rx (upstream) total drop frame high threshold crossed	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - chpr-t-rxtotdropfrmmd : channel-pair utilization rx (upstream) total drop frame medium threshold crossed - chpr-t-rxtotdropfrmlo : channel-pair utilization rx (upstream) total drop frame low threshold crossed - sfu-gen-omci-fail : SFU ONT - loss of communication - sfu-gen-eqpt-selftest : SFU ONT - ont self-test failure - sfu-gen-ac-pwr-fail : SFU ONT - ac power failure on ont - sfu-gen-bat-missing : SFU ONT - battery missing - sfu-gen-bat-low : SFU ONT - battery low - sfu-gen-bat-fail : SFU ONT - battery failure - sfu-gen-sw-dnload-f : SFU ONT - ont sw download failure - sfu-gen-sw-dnload-p : SFU ONT - ont sw download in progress - sfu-gen-sw-act-fail : SFU ONT - ont sw activation failure - sfu-gen-eqpt-vers-mis : SFU ONT - ont equipment version mismatch - sfu-gen-sw-vers-mis : SFU ONT - ont sw version mismatch - sfu-gen-us-rate-mis : SFU ONT - ont upstream rate mismatch - sfu-gen-tune-fail : SFU ONT - ont has failed to tune to Target-ChnlPair - sfu-gen-nw-time-err : SFU ONT - network timing protocol error - sfu-gen-opt-sig-high : SFU ONT - optical signal level too high - sfu-gen-opt-sig-low : SFU ONT - optical signal level too low - sfu-gen-eqpt-prov-sa : SFU ONT - service affecting mismatch btw equipment and provisioning attributes - sfu-gen-eqpt-prov-nsa : SFU ONT - non service affecting mismatch btw equipment and provisioning attributes - soho-gen-omci-fail : SOHO ONT - loss of communication - soho-gen-eqpt-selftest : SOHO ONT - ont self-test failure - soho-gen-ac-pwr-fail : SOHO ONT - ac power failure on ont - soho-gen-bat-missing : SOHO ONT - battery missing - soho-gen-bat-low : SOHO ONT - battery low - soho-gen-bat-fail : SOHO ONT - battery failure - soho-gen-sw-dnload-f : SOHO ONT - ont sw download failure - soho-gen-sw-dnload-p : SOHO ONT - ont sw download in progress - soho-gen-sw-act-fail : SOHO ONT - ont sw activation failure - soho-gen-eqpt-vers-mis : SOHO ONT - ont equipment version mismatch - soho-gen-sw-vers-mis : SOHO ONT - ont sw version mismatch - soho-gen-us-rate-mis : SOHO ONT - ont upstream rate mismatch - soho-gen-tune-fail : SOHO ONT - ont has failed to tune to Target-ChnlPair - soho-gen-nw-time-err : SOHO ONT - network timing protocol error - soho-gen-opt-sig-high : SOHO ONT - optical signal level too high 	

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Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - soho-gen-opt-sig-low : SOHO ONT - optical signal level too low - soho-gen-eqpt-prov-sa : SOHO ONT - service affecting mismatch btw equipment and provisioning attributes - soho-gen-eqpt-prov-nsa: SOHO ONT - non service affecting mismatch btw equipment and provisioning attributes - mdu-gen-omci-fail : MDU ONT - loss of communication - mdu-gen-eqpt-selftest : MDU ONT - ont self-test failure - mdu-gen-ac-pwr-fail : MDU ONT - ac power failure on ont - mdu-gen-bat-missing : MDU ONT - battery missing - mdu-gen-bat-low : MDU ONT - battery low - mdu-gen-bat-fail : MDU ONT - battery failure - mdu-gen-phys-intrusion: MDU ONT - physical intrusion - mdu-gen-sw-dnload-f : MDU ONT - ont sw download failure - mdu-gen-sw-dnload-p : MDU ONT - ont sw download in progress - mdu-gen-sw-act-fail : MDU ONT - ont sw activation failure - mdu-gen-eqpt-vers-mis : MDU ONT - ont equipment version mismatch - mdu-gen-sw-vers-mis : MDU ONT - ont sw version mismatch - mdu-gen-us-rate-mis : MDU ONT - ont upstream rate mismatch - mdu-gen-tune-fail : MDU ONT - ont has failed to tune to Target-ChnlPair - mdu-gen-mdu-env1 : MDU ONT - mdu environmental alarm#1 - mdu-gen-mdu-env2 : MDU ONT - mdu environmental alarm#2 - mdu-gen-mdu-env3 : MDU ONT - mdu environmental alarm#3 - mdu-gen-nw-time-err : MDU ONT - network timing protocol error - mdu-gen-opt-sig-high : MDU ONT - optical signal level too high - mdu-gen-opt-sig-low : MDU ONT - optical signal level too low - mdu-gen-eqpt-prov-sa : MDU ONT - service affecting mismatch btw equipment and provisioning attributes - mdu-gen-eqpt-prov-nsa : MDU ONT - non service affecting mismatch btw equipment and provisioning attributes - ont-gen-sw-dnload-file: ont sw download file missing - ont-gen-fan-fail : ont fan failure - ont-gen-high-temp : ont high temperature - ont-gen-high-temp-ex : ont excessive high temperature - ont-gen-emergency-call: ont emergency call - ont-gen-sw-version : ont sw version control error - ont-poe-exceed-max : ont poe exceed max - ont-poe-overload-yell : ONU is nearing its maximum ability to supply the power - ont-opti-malfunc : malfunction of ONT's optical transceiver 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ont-gen-cfgdld-fail : download of voice xml file to ont failed - ont-gen-rssi-mis : ONU RSSI configuration mismatch - ont-gen-tx-pwr-low : ONU SFP Tx Power is lower than configured Alarm low threshold - ont-gen-temp-high : ONU SFP Temperature is higher than configured Alarm high threshold - ont-gen-volt-high : ONU SFP Voltage is higher than configured Alarm high threshold - ont-gen-bias-high : ONU SFP Bias is higher than configured Alarm high threshold - ont-loopdetect-mis : ont loop detect mismatch - ont-olt-rx-pw-lo : olt side receive power from ont low - ont-olt-rx-pw-hig : olt side receive power from ont high - ont-olt-rx-pw-warnlo : olt side receive power from ont low warning - ont-olt-rx-pw-warnhig : olt side receive power from ont high warning - ont-gen-tod-out-sync : ONU TOD is out-sync with OLT - ont-gen-tune-fail : ONU has failed to tune to Target-ChnlPair - hgu-tr069-parm-fail : hgu tr069 parameters mismatch - ont-gen-tod-mismatch : ONU TOD MISMATCH - sfu-sup-sw-file-error : SFU ONT - Software file has error or is missing - sfu-sup-fan-failure : SFU ONT - Fan failure - sfu-sup-temp-high-warn: SFU ONT - High temperature warning - sfu-sup-temp-shutoff : SFU ONT - Service disabled due to excessive temperature - sfu-sup-emergency-call: SFU ONT - Emergency call active - sfu-sup-swverctrl-err : SFU ONT - Software version control error - sfu-sup-poe-exceed-max: SFU ONT - Configured PoE feeding exceeds ONT maximum - sfu-sup-poe-over-yell : SFU ONT - ONU is nearing its maximum ability to supply the power - sfu-opti-malfunc : SFU ONT - Malfunction of ONT's optical transceiver - sfu-sup-cfg-dnld-fail : SFU ONT - Download of voice xml file to ONT failed - sfu-sup-rssi-cfg-mism : SFU ONT - RSSI configuration mismatch - sfu-sup-sfp-tx-low : SFU ONT - SFP Tx Power below configured low-level alarm threshold - sfu-sup-sfp-temp-high : SFU ONT - SFP Temperature above configured high-level alarm threshold - sfu-sup-sfp-volt-high : SFU ONT - SFP Voltage above configured high-level alarm threshold - sfu-sup-sfp-bias-high : SFU ONT - SFP Bias above configured high-level alarm threshold - sfu-sup-ld-cfg-mism : SFU ONT - Loop detection configuration mismatch - sfu-sup-olt-rx-low : SFU ONT - OLT Rx power below receiver operating range - sfu-sup-olt-rx-high : SFU ONT - OLT Rx power above receiver operating range 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - sfu-sup-olt-rx-lo-warn: SFU ONT - OLT Rx power below low-level warning threshold - sfu-sup-olt-rx-hi-warn: SFU ONT - OLT Rx power above high-level warning threshold - sfu-sup-tod-out-sync : SFU ONT - ONU TOD is out-sync with OLT - sfu-sup-ont-tune-fail : SFU ONT - ONU has failed to tune to Target-ChnlPair - sfu-tr069-param-fail : SFU ONT - hgu tr069 parameters mismatch - sfu-sup-tod-mismatch : SFU ONT - ONU TOD MISMATCH - soho-sup-sw-file-error: SOHO ONT - Software file has error or is missing - soho-sup-fan-failure : SOHO ONT - Fan failure - soho-sup-temp-high-war: SOHO ONT - High temperature warning - soho-sup-temp-shutoff : SOHO ONT - Service disabled due to excessive temperature - soho-sup-emergency-cal: SOHO ONT - Emergency call active - soho-sup-swverctrl-err: SOHO ONT - Software version control error - soho-sup-poe-exceed-ma: SOHO ONT - Configured PoE feeding exceeds ONT maximum - soho-sup-poe-over-yell: SOHO ONT - ONU is nearing its maximum ability to supply the power - soho-opti-malfunc : SOHO ONT - Malfunction of ONT's optical transceiver - soho-sup-cfg-dnld-fail: SOHO ONT - Download of voice xml file to ONT failed - soho-sup-rssi-cfg-mism: SOHO ONT - RSSI configuration mismatch - soho-sup-sfp-tx-low : SOHO ONT - SFP Tx Power below configured low-level alarm threshold - soho-sup-sfp-temp-high: SOHO ONT - SFP Temperature above configured high-level alarm threshold - soho-sup-sfp-volt-high: SOHO ONT - SFP Voltage above configured high-level alarm threshold - soho-sup-sfp-bias-high: SOHO ONT - SFP Bias above configured high-level alarm threshold - soho-sup-ld-cfg-mism : SOHO ONT - Loop detection configuration mismatch - soho-sup-olt-rx-low : SOHO ONT - OLT Rx power below receiver operating range - soho-sup-olt-rx-high : SOHO ONT - OLT Rx power above receiver operating range - soho-sup-olt-rx-lo-war: SOHO ONT - OLT Rx power below low-level warning threshold - soho-sup-olt-rx-hi-war: SOHO ONT - OLT Rx power above high-level warning threshold - soho-sup-tod-out-sync : SOHO ONT - ONU TOD is out-sync with OLT - soho-sup-ont-tune-fail: SOHO ONT - ONU has failed to tune to Target-ChnlPair - soho-tr069-param-fail : SOHO ONT - hgu tr069 parameters mismatch 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - soho-sup-tod-mismatch : SOHO ONT - ONU TOD MISMATCH - mdu-sup-sw-file-error : MDU ONT - Software file has error or is missing - mdu-sup-fan-failure : MDU ONT - Fan failure - mdu-sup-temp-high-warn: MDU ONT - High temperature warning - mdu-sup-temp-shutoff : MDU ONT - Service disabled due to excessive temperature - mdu-sup-emergency-call: MDU ONT - Emergency call active - mdu-sup-swverctrl-err : MDU ONT - Software version control error - mdu-sup-poe-exceed-max: MDU ONT - Configured PoE feeding exceeds ONT maximum - mdu-sup-poe-over-yell : MDU ONT - ONU is nearing its maximum ability to supply the power - mdu-opti-malfunc : MDU ONT - Malfunction of ONT's optical transceiver - mdu-sup-cfg-dnld-fail : MDU ONT - Download of voice xml file to ONT failed - mdu-sup-rssi-cfg-mism : MDU ONT - RSSI configuration mismatch - mdu-sup-sfp-tx-low : MDU ONT - SFP Tx Power below configured low-level alarm threshold - mdu-sup-sfp-temp-high : MDU ONT - SFP Temperature above configured high-level alarm threshold - mdu-sup-sfp-volt-high : MDU ONT - SFP Voltage above configured high-level alarm threshold - mdu-sup-sfp-bias-high : MDU ONT - SFP Bias above configured high-level alarm threshold - mdu-sup-ld-cfg-mism : MDU ONT - Loop detection configuration mismatch - mdu-sup-olt-rx-low : MDU ONT - OLT Rx power below receiver operating range - mdu-sup-olt-rx-high : MDU ONT - OLT Rx power above receiver operating range - mdu-sup-olt-rx-lo-warn: MDU ONT - OLT Rx power below low-level warning threshold - mdu-sup-olt-rx-hi-warn: MDU ONT - OLT Rx power above high-level warning threshold - mdu-sup-tod-out-sync : MDU ONT - ONU TOD is out-sync with OLT - mdu-sup-ont-tune-fail : MDU ONT - ONU has failed to tune to Target-ChnlPair - mdu-tr069-parm-fail : MDU ONT - hgu tr069 parameters mismatch - mdu-sup-tod-mismatch : MDU ONT - ONU TOD MISMATCH - ont-sbscr-lim-missing : provisioned ont card missing - ont-sbscr-lim-type-mis: wrong type plug-in ont card - ont-sbscr-lim-removal : improper removal ont card - ont-sbscr-lim-fail : ont card failure - ont-sbscr-lim-svc-mis : ont service mismatch for provisioned onu card - ont-sbscr-lim-port-mis: port mismatch btw actual and planned ont card 	

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Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ont-svc-video-conf-mis: config request failure for video service - ont-svc-video-pw-high : high power level for rf video signal - ont-svc-video-pw-low : low power level for rf video signal - ont-svc-pots-svc-mis : ont service mismatch for provisioned pots - ont-svc-pots-rtcp-lost: pots realtime transport control protocol stream lost - ont-svc-pots-icnf-subsc: pots line iconfig subscription failure - ont-svc-pots-icnf-ntfy: pots line iconfig notify failure - ont-svc-pots-icnf-http: pots line iconfig http failure - ont-svc-pots-sip-reg : pots line sip registration failure - ont-svc-pots-sip-inv : pots line sip invite request failure - ont-svc-pots-sip-subsc: pots line sip subscribe failure - ont-svc-pots-sip-mt-tc: pots line sip message timeout threshold crossed - ont-svc-pots-pk-loss-tc: pots line rtp bearer packets loss threshold crossed - ont-svc-pots-jitter-tc: pots line rtp jitter threshold crossed - ont-svc-pots-subsc-dns : pots line iconfig subscription failed (DNS) - ont-svc-pots-subsc-tcp : pots line iconfig subscription failed (TCP) - ont-svc-pots-subsc-tls : pots line iconfig subscription failed (TLS) - ont-svc-pots-subsc-auth: pots line iconfig subscription failed authentication - ont-svc-pots-subsc-to : pots line iconfig subscription failed (timeout) - ont-svc-pots-subsc-err : pots line iconfig subscription response error - ont-svc-pots-not-to : pots line iconfig notification failed (timeout) - ont-svc-pots-notref-to: pots line iconfig notification refresh failed - ont-svc-pots-not-mal : pots line iconfig notification failed (malformed) - ont-svc-pots-not-rej : pots line iconfig notification rejected - ont-svc-pots-http-dns : pots line iconfig doc retrieval failed (DNS) - ont-svc-pots-http-tcp : pots line iconfig doc retrieval failed (TCP) - ont-svc-pots-http-tls : pots line iconfig doc retrieval failed (TLS) - ont-svc-pots-http-auth: pots line iconfig doc retrieval failed (authentication) - ont-svc-pots-http-to : pots line iconfig doc retrieval failed (timeout) - ont-svc-pots-http-err : pots line iconfig doc retrieval response error - ont-svc-pots-http-mal : pots line iconfig doc retrieval failed (malformed) - ont-svc-pots-insuff : pots line iconfig service failed (insufficient data) - ont-svc-pots-poos : pots ports out of service 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - ont-svc-lan-mismatch : ont service mismatch for lan - ont-svc-lan-loss-sig : loss of signal on an ethernet port interface - ont-svc-enet-poos : Ethernet Ports out of Service - ont-svc-ces-dsl-mis : ont service mismatch for provisioned ces dsl - ont-svc-ces-dsl-loss : loss of signal at dsl interface - ont-svc-ces-dsl-lof : loss of frame at dsl interface - ont-svc-ces-dsl-rair : receiving rai at dsl interface - ont-svc-ces-dsl-ais : receiving ais at dsl interface - ont-svc-ces-dsl-lnlpbk: receiving line loopback at dsl interface - ont-svc-ces-dsl-tmlpbk: receiving terminal loopback at dsl interface - ont-svc-ces-e1-mis : ont service mismatch for provisioned ces e1 - ont-svc-ces-e1-loss : loss of signal at e1 interface - ont-svc-ces-e1-lof : loss of frame at e1 interface - ont-svc-ces-e1-rair : receiving rai at e1 interface - ont-svc-ces-e1-ais : receiving ais at e1 interface - ont-svc-voip-cnf-file : voice configuration file error - ont-svc-voip-svc-mis : service mismatch for provisioned client service - ont-svc-voip-gw-comm : voice gateway communication failure - ont-svc-voip-dhcp-fail: voice dhcp server failure - ont-svc-voip-icnf-subst: voice iconfig subscription failure - ont-svc-voip-icnf-ntfy: voice iconfig notify failure - ont-svc-voip-icnf-http: voice iconfig http failure - ont-svc-voip-dhcp-to : DHCP server retransmissions timed out - ont-svc-voip-dhcp-mal : DHCP response was malformed - ont-svc-voip-dhcp-noad: DHCP server failed to issue the required parameters - ont-svc-voip-dhcp-leas: DHCP Server failure due to problem in lease renewal - ont-svc-voip-subst-dns : iConfig Subscription failure due to DNS problem - ont-svc-voip-subst-tcp : iConfig Subscription failure due to TCP socket problem - ont-svc-voip-subst-tls : iConfig Subscription failure due to TLS session problem - ont-svc-voip-subst-auth: iConfig Subscription failure due to authentication error - ont-svc-voip-subst-to : iConfig Subscription failure due to retransmission timeout - ont-svc-voip-subst-err : iConfig Subscription failure due to response error - ont-svc-voip-not-to : iConfig Notify response timeout for new subscription - ont-svc-voip-notref-to: iConfig Notify response timeout for subscription refresh - ont-svc-voip-not-mal : iConfig Notify response is malformed - ont-svc-voip-not-rej : iConfig subscription request rejected by configuration server - ont-svc-voip-http-dns : VOIP client can't retrieve config 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<p>doc due to DNS problem</p> <ul style="list-style-type: none"> - ont-svc-voip-http-tcp : VOIP client can't retrieve config doc due to TCP socket problem - ont-svc-voip-http-tls : VOIP client can't retrieve config doc due to TLS session problem - ont-svc-voip-http-auth: VOIP client can't retrieve config doc due to auth error - ont-svc-voip-http-to : VOIP client can't retrieve config doc due to re-tx timeout - ont-svc-voip-http-err : VOIP client can't retrieve config doc due to response error - ont-svc-voip-http-mal : iConfig configuration document is malformed - ont-svc-voip-subs-refr: iConfig Subscription refresh error - ont-svc-voip-not-refr : iConfig Notify response for refresh subscribe failed - ont-svc-voip-icfg-err : iConfig Configuration Error - ont-svc-v-ani-conf-mis: config request failure for video ani service - ont-svc-v-ani-loss-sig: video loss of signal on ani - ont-svc-v-ani-lv-high : high video optical signal level - ont-svc-v-ani-lv-low : low video optical signal level - ont-svc-pwe-mismatch : service mismatch for provisioned pseudowire - ont-svc-pwe-reordr-lof: pseudowire reordering and loss of frame - ont-svc-pwe-jitt-buf-o: pseudowire jitter buffer overrun - ont-svc-pwe-jitt-buf-u: pseudowire jitter buffer underrun - ont-svc-pwe-malf-frms : pseudowire malformed frames - ont-svc-pwe-late-frms : pseudowire late frames - ont-svc-pwe-link-loss : pseudowire link loss - ont-svc-pwe-arp-fail : pseudowire arp failure - ont-svc-xdsl-mismatch : service mismatch for provisioned xdsl - ont-svc-xdsl-ne-lof : near end loss of frame - ont-svc-xdsl-ne-los : near end loss of signal - ont-svc-xdsl-ne-line : near end line init - ont-svc-xdsl-ne-lol : near end loss of link - ont-svc-xdsl-fe-lof : far end loss of frame - ont-svc-xdsl-fe-los : far end loss of signal - ont-svc-xdsl-fe-lop : far end loss of power - ont-svc-xdsl-cnf-err : xdsl provisioning error - ont-svc-xdsl-ne-es-tc : near end errored seconds threshold crossed - ont-svc-xdsl-ne-ses-tc: near end severe errored seconds threshold crossed - ont-svc-xdsl-ne-uas-tc: ear end unavailable seconds threshold crossed - ont-svc-xdsl-fe-es-tc : far end errored seconds threshold crossed - ont-svc-xdsl-fe-ses-tc: far end severe errored seconds threshold crossed - ont-svc-xdsl-fe-uas-tc: far end unavailable seconds threshold crossed - ont-tc-rx-los-frag-tc : rx loss of gem fragments threshold crossed - ont-tc-tx-los-frag-tc : tx loss of gem fragments threshold 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> crossed - ont-tc-bad-gem-hd-tc : bad gem header threshold crossed - ont-uni-ds-drpd-fr-tc : downstream l2 dropped frames threshold crossed - ont-uni-up-drpd-fr-tc : upstream l2 dropped frames threshold crossed - ont-uni-ds-crc-fr-tc : downstream l2 rx crc error frames threshold crossed - ont-uni-up-crc-fr-tc : upstream l2 rx crc error frames threshold crossed - ont-cpu-util-tca : ONT CPU utilization threshold crossed - ont-mem-util-tca : ONT memory utilization threshold crossed - pim-neighbor-down : pim neighbor down - pim-max-mcroutes : maximum routes reached - li-traffic-disabled : lawful interception of traffic disabled - li-bandwidth-limit : lawful intercept reached bandwidth limit - li-out-of-res : lawful intercept out of resources - otdr-cap-mismatch : otdr capability mismatch - login-successful : successful login via management access - login-failure : invalid login via management access has crossed the threshold limit - cfm-defrdiccm : rdi bit in ccm received - cfm-defmacstatus : ccm mac error status - cfm-defremoteccm : missing ccm from mep - cfm-deferrorccm : invalid ccm received - cfm-defxconccm : unexpected ccm received - cfm-defais : ethernet ais received - bfd-session-down : bfd session down - bfd-max-resource : bfd maximum resources reached - bfd-stale-entry : bfd stale entry present - tca-outputbw : tca output bandwidth - tca-inputbw : tca input bandwidth - tca-rxcrcalign : tca rxrc align errors - tca-txcrcalign : tca txrc align errors - tca-txcollisions : tca tx collision errors - tca-outputhighbw : tca output high bandwidth - tca-outputmedbw : tca output medium bandwidth - tca-outputlowbw : tca output low bandwidth - tca-inputhighbw : tca input high bandwidth - tca-inputmediumbw : tca input medium bandwidth - tca-inputlowbw : tca input low bandwidth - eth-cfm-defrdiccm : rdi bit in ccm received - eth-cfm-defmacstatus : ccm mac error status - eth-cfm-defremoteccm : missing ccm from mep - eth-cfm-deferrorccm : invalid ccm received - eth-cfm-defxconccm : unexpected ccm received - rsvp-neighbor-down : rsvp neighbor down - rsvp-instance-down : rsvp instance down - eth-ring-path-block : eth ring path block - ai-platform-down : Application Intelligence Platform down - ai-appl-install-fail : Application installation failure - ip-assign-fail : Dhcp assigned address failure - ont-tr069-serv-mis : ont tr069 server config mismatch - ont-snmp-mis : ont snmp agent config mismatch - bsf-dhcpv4 : bulksync failed for dhcpv4 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - bsf-dhcpv6 : bulksync failed for dhcpv6 - bsf-pon : bulksync failed for pon - bsf-vbridge : bulksync failed for vlan-bridge - bsf-qos : bulksync failed for qos - bsf-igmp : bulksync failed for igmp - bsf-lxfwd : bulksync failed for lxfwd - prot-not-available : no protection not available - prot-switchover-fail : port switch over failed - efm-oam-cpelinkfault : EFM-OAM CPE link fault - efm-oam-cpedyinggasp : EFM-OAM CPE dying gasp - efm-oam-cpecrevt : EFM-OAM CPE critical event - ont-loopdetect : ont loop detect - alrm-tbl-overflow : alarm table has overflowed - auto-switch-status : auto-switch status - auswqueuefullatm : auto-switch queue Full for ATM - auswbkpfailatm : auto-switch config data backup failed for ATM - auswrecfgfailatm : auto-switch fallback reconfiguration failed for ATM - auswdataunatm : auto-switch backup config data unavailable for ATM - auswqueuefulptm : auto-switch queue Full for PTM - auswbkpfailptm : auto-switch config data backup failed for PTM - auswrecfgfailptm : auto-switch fallback reconfiguration failed for PTM - auswdataunptm : auto-switch backup config data unavailable for PTM - auswbakpfailatm : auto-switch backup fail for ATM - chpr-com-fail : channel pair communication failure on olt - chpr-tx-fail : transmitter failure on channel pair - chpr-unprov-ont : unprovisioned ont on channel pair - chpr-prov-mismatch : mismatch btw equipment and provisioning pon attributes - chpr-loss-sig : channel pair loss of signal - chpr-diagnostic : channel pair diagnostic test active - chpr-loid-conflict : loid conflict ont on channel pair - chpr-loid-pwd-err : loid password error ont on channel pair - chpr-stk-laser-dis : stuck laser disabled on channel pair - chpr-sfp-mismatch : channel pair sfp mismatch - chpr-rng-mismatch : channel pair ranging mismatch - chpr-alien-test : channel pair alien diagnostic test active - chpr-alien-detect : channel pair alien detect active - chpr-deact-hightca : channel pair deactivated ont hightca threshold crossed - chpr-deact-lowtca : channel pair deactivated ont lowtca threshold crossed - chpr-dp-integ : channel pair data path integrity failure - olt-chpr-tc-err-frag : channelpair errored fragments threshold crossed - olt-chpr-up-bw-tca : OLT CHANNELPAIR upstream bandwidth TCA - olt-chpr-down-bw-tca : OLT CHANNELPAIR downstream bandwidth TCA - cfg-dld-fail : download of configure file to ont failed - cfg-act-fail : activate the passive config file failed - cfg-dld-ip : ont configure file download in progress 	

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - cfg-ver-mismatch : the planned configure file does not match the active configure file - cfg-file-missing : ont configure file missing or has an error - cfg-verctrl-err : ont configure file version control error - cfg-not-supported : ont not support the configure file download function - ont-prot-not-available: ONT/ONU protection not available - ont-gen-temp-low : ONU SFP temperature is lower than configured Alarm low threshold - ont-gen-volt-low : ONU SFP Voltage is lower than configured Alarm low threshold - ont-gen-tx-pwr-high : ONU SFP Tx power is higher than configured Alarm high threshold - ont-gen-bias-low : ONU SFP bias is lower than configured Alarm low threshold - ont-gen-rx-hwarn : ONU SFP Rx power is higher than warn threshold - ont-gen-rx-lwarn : ONU SFP Rx power is lower than warn threshold - ont-gen-tx-hwarn : ONU SFP Tx power is higher than warn threshold - ont-gen-tx-lwarn : ONU SFP Tx power is lower than warn threshold - ont-gen-temp-hwarn : ONU SFP temperature is higher than warn threshold - ont-gen-temp-lwarn : ONU SFP temperature is lower than warn threshold - ont-gen-volt-hwarn : ONU SFP Voltage is higher than warn threshold - ont-gen-volt-lwarn : ONU SFP Voltage is lower than warn threshold - ont-gen-bias-hwarn : ONU SFP bias is higher than warn threshold - ont-gen-bias-lwarn : ONU SFP bias is lower than warn threshold - sfu-sup2-temp-low : SFU ONT - SFP temperature is lower than configured Alarm low threshold - sfu-sup2-volt-low : SFU ONT - SFP Voltage is lower than configured Alarm low threshold - sfu-sup2-tx-high : SFU ONT - SFP tx power is higher than configured Alarm high threshold - sfu-sup2-bias-low : SFU ONT - SFP bias is lower than configured Alarm low threshold - sfu-sup2-rx-hwarn : SFU ONT - SFP rx power is higher than configured warn threshold - sfu-sup2-rx-lwarn : SFU ONT - SFP rx power is lower than configured warn threshold - sfu-sup2-tx-hwarn : SFU ONT - SFP tx power is higher than configured warn threshold - sfu-sup2-tx-lwarn : SFU ONT - SFP tx power is lower than configured warn threshold - sfu-sup2-temp-hwarn : SFU ONT - SFP temperature is higher than configured warn threshold - sfu-sup2-temp-lwarn : SFU ONT - SFP temperature is lower than configured warn threshold - sfu-sup2-volt-hwarn : SFU ONT - SFP Voltage is higher than configured warn threshold 	

3 Alarm Configuration Commands

Resource Identifier	Type	Description
	<ul style="list-style-type: none"> - sfu-sup2-volt-lwarn : SFU ONT - SFP Voltage is lower than configured warn threshold - sfu-sup2-bias-hwarn : SFU ONT - SFP bias is higher than configured warn threshold - sfu-sup2-bias-lwarn : SFU ONT - SFP bias is lower than configured warn threshold - soho-sup2-temp-low : SOHO ONT - SFP temperature is lower than configured Alarm low threshold - soho-sup2-volt-low : SOHO ONT - SFP Voltage is lower than configured Alarm low threshold - soho-sup2-tx-high : SOHO ONT - SFP tx power is higher than configured Alarm low threshold - soho-sup2-bias-low : SOHO ONT - SFP bias is lower than configured Alarm low threshold - soho-sup2-rx-hwarn : SOHO ONT - SFP rx power is higher than warn threshold - soho-sup2-rx-lwarn : SOHO ONT - SFP rx power is lower than warn threshold - soho-sup2-tx-hwarn : SOHO ONT - SFP tx power is higher than warn threshold - soho-sup2-tx-lwarn : SOHO ONT - SFP tx power is lower than warn threshold - soho-sup2-temp-hwarn : SOHO ONT - SFP temperature is higher than warn threshold - soho-sup2-temp-lwarn : SOHO ONT - SFP temperature is lower than warn threshold - soho-sup2-volt-hwarn : SOHO ONT - SFP Voltage is higher than warn threshold - soho-sup2-volt-lwarn : SOHO ONT - SFP Voltage is lower than warn threshold - soho-sup2-bias-hwarn : SOHO ONT - SFP bias is higher than warn threshold - soho-sup2-bias-lwarn : SOHO ONT - SFP bias is lower than warn threshold - mdu-sup2-temp-low : MDU ONT - SFP temperature is lower than configured alarm low threshold - mdu-sup2-volt-low : MDU ONT - SFP Voltage is lower than configured alarm low threshold - mdu-sup2-tx-high : MDU ONT - SFP tx power is higher than configured alarm low threshold - mdu-sup2-bias-low : MDU ONT - SFP bias is lower than configured alarm low threshold - mdu-sup2-rx-hwarn : MDU ONT - SFP rx power is higher than warn threshold - mdu-sup2-rx-lwarn : MDU ONT - SFP rx power is lower than warn threshold - mdu-sup2-tx-hwarn : MDU ONT - SFP tx power is higher than warn threshold - mdu-sup2-tx-lwarn : MDU ONT - SFP tx power is lower than warn threshold - mdu-sup2-temp-hwarn : MDU ONT - SFP temperature is higher than warn threshold - mdu-sup2-temp-lwarn : MDU ONT - SFP temperature is lower than warn threshold - mdu-sup2-volt-hwarn : MDU ONT - SFP voltage is higher than warn threshold - mdu-sup2-volt-lwarn : MDU ONT - SFP voltage is lower than warn threshold 	

Resource Identifier	Type	Description
	<p>than warn threshold</p> <ul style="list-style-type: none"> - mdu-sup2-bias-hwarn : MDU ONT - SFP bias is higher than warn threshold - mdu-sup2-bias-lwarn : MDU ONT - SFP bias is lower than warn threshold - cust-alm1 : customizable alarm 1 - cust-alm2 : customizable alarm 2 - cust-alm3 : customizable alarm 3 - cust-alm4 : customizable alarm 4 - cust-alm5 : customizable alarm 5 - cust-alm6 : customizable alarm 6 - cust-alm7 : customizable alarm 7 - cust-alm8 : customizable alarm 8 - cust-alm9 : customizable alarm 9 - cust-alm10 : customizable alarm 10 - cust-alm11 : customizable alarm 11 - cust-alm12 : customizable alarm 12 - cust-alm13 : customizable alarm 13 - cust-alm14 : customizable alarm 14 - cust-alm15 : customizable alarm 15 - cust-alm16 : customizable alarm 16 - cust-alm17 : customizable alarm 17 - cust-alm18 : customizable alarm 18 - cust-alm19 : customizable alarm 19 - cust-alm20 : customizable alarm 20 - cust-alm21 : customizable alarm 21 - cust-alm22 : customizable alarm 22 - cust-alm23 : customizable alarm 23 - cust-alm24 : customizable alarm 24 - cust-alm25 : customizable alarm 25 - cust-alm26 : customizable alarm 26 - cust-alm27 : customizable alarm 27 - cust-alm28 : customizable alarm 28 - cust-alm29 : customizable alarm 29 - cust-alm30 : customizable alarm 30 - cust-alm31 : customizable alarm 31 - ethernet-ring-pthfwst : ethernet ring path forward state - ethernet-ring-fop-to : ethernet ring fop-to failure of protocol timeout - ethernet-ring-fop-pm : ethernet ring fop-pm failure of protocol provision mismatch - fpm-depletion : failsafe fpm depletion - exp-seizureack : Channel was blocked due to failure in the reception of the SEIZURE ACK signal - exp-disconack : Channel was blocked due to failure in the reception of the DISCONNECTION ACK signal - exp-forcerelack : Channel was blocked due to failure in the reception of the BACKWARD DISCONNECTION ACK signal - packet-loss : Pseudo Wire entered the Packet loss state - remote-packet-loss : Remote Packet loss detected - no-dsp-resource : DSP resource allocation failed - la-down : Link aggregation group link-status is down - la-standby-na : Cross-lt lag on standby slot part is not available - la-switch-fail : Cross-lt lag fail to do switchover - la-degrade : Link aggregation group degrade 	

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Resource Identifier	Type	Description
	<ul style="list-style-type: none">- melt-board-reset : MELT board reset- board-shelf-mismatch : board type and shelf type mismatch- fcs-thresh-exceed : FCS counter threshold exceeded	

Table 3.3-2 "Alarm Entry Configuration Command" Command Parameters

Parameter	Type	Description
[no] severity	Parameter type: <Alarm::alarmSeverity> Format: (indeterminate warning minor major critical ignore) Possible values: <ul style="list-style-type: none">- indeterminate : not a definite known severity level- warning : just to inform as a warning- minor : not service affecting- major : service affecting- critical : service breaking- ignore : alarm is not processed by the system	<i>optional parameter with default value: "minor"</i> assign a severity level to this alarm
[no] service-affecting	Parameter type: boolean	<i>optional parameter</i> make this alarm service affecting
[no] reporting	Parameter type: boolean	<i>optional parameter</i> enable reporting of this alarm
[no] logging	Parameter type: boolean	<i>optional parameter</i> enable logging of this alarm

Command Output

Table 3.3-3 "Alarm Entry Configuration Command" Display parameters

Specific Information		
name	Type	Description
category	Parameter type: <Alarm::category> (communications qos processing-error equipment environmental) Possible values: <ul style="list-style-type: none">- communications : communications related alarms- qos : QoS related alarms- processing-error : processing failure related alarms- equipment : equipment related alarms- environmental : environmental related alarms	category of an alarm <i>This element is always shown.</i>

3.4 Alarm Filter Configuration Command

Command Description

This command allows the operator to configure Alarm filter parameters.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure alarm filter (fltr-type) filterid <Alarm::fltrId> [ alarmid <Alarm::alarmIndexExt> ] [ no status | status <Alarm::fltrStatus> ] [ no threshold | threshold <Alarm::fltrThreshold> ] [ no window | window <Alarm::fltrWindow> ]
```

Command Parameters

Table 3.4-1 "Alarm Filter Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(fltr-type)	Format: (temporal spatial) Possible values: - temporal : the temporal alarm filter - spatial : the spatial alarm filter	the type of the considered alarm filter
filterid	Parameter type: <Alarm::fltrId> Format: - unique filter number - range: [1...31]	unique filter number

Table 3.4-2 "Alarm Filter Configuration Command" Command Parameters

Parameter	Type	Description
alarmid	Parameter type: <Alarm::alarmIndexExt> Format: (all xtca-ne-es xtca-ne-ses xtca-ne-uas xtca-ne-day-es xtca-ne-day-ses xtca-ne-day-uas xtca-fe-es xtca-fe-ses xtca-fe-uas xtca-fe-day-es	<i>optional parameter</i> alarmType

3 Alarm Configuration Commands

Parameter	Type	Description
	xtca-fe-day-ses	
	xtca-fe-day-uas	
	xtca-leftrs	
	xtca-day-leftrs	
	xtca-fe-leftrs	
	xtca-fe-day-leftrs	
	xtca-auto-port-reset	
	xtca-reinit	
	xtca-day-reinit	
	xdsl-ne-los	
	xdsl-ne-lof	
	xdsl-ne-lom	
	xdsl-ne-ese	
	xdsl-act-cfg-error	
	xdsl-act-not-feas	
	xdsl-up-br-reach	
	xdsl-ne-ncd	
	xdsl-ne-lcd	
	xdsl-fe-los	
	xdsl-fe-lof	
	xdsl-fe-lpr	
	xdsl-fe-lol	
	xdsl-fe-lom	
	xdsl-fe-ese	
	xdsl-fe-upbo-vio	
	xdsl-fe-cpe-pol	
	xdsl-tpstc-mis	
	xdsl-act-comm	
	xdsl-act-modem	
	xdsl-do-br-reach	
	xdsl-fe-ncd	
	xdsl-fe-lcd	
	xdsl-frtx-init-fail	
	xdsl-vect-dle	
	xdsl-fe-mis-peer-35b	
	vectline-xtc-var-vict	
	vectline-xtc-var-dist	
	vectline-corp-errf	
	vect-cpe-cap-mismatch	
	vectline-conf_notfeas	
	vect-vp-lt-mismatch	
	vect-inv-qsfp	
	vect-vp-lt-fail	
	vect-no-gain-at-init	
	sw-rollback	
	db-rollback	
	xvps-inv-dbase	
	inv-cde-file	
	miss-cde-file	
	cde-hash-error	
	low-disk-space	
	cell-discard-up	
	cell-discard-down	
	persist-data-loss	
	mac-conflict	
	vmac-full	
	sntp-comm-lost	

Parameter	Type	Description
	<ul style="list-style-type: none"> preferred-mode timing-reference nt-disk-95%full shub-loc cf-error back-pnl-inv ihub-conf-loss rack-power rack-fan-unit1 rack-fan-unit2 shelf-mismatch shelf-missing shelf-install-missing door ac-power-fail board-mismatch waiting-for-sw temp-exceeded backplane-data-failure temp-shutdown board-missing board-instl-missing board-init board-reset-prot sem-power-fail sem-ups-fail board-reset-cf vlan-assign-fail vsa-info-invalid auth-mac-conflict user-pwd-fault up-plan-bitrate up-min-bitrate up-config-not-feas down-plan-bitrate down-min-bitrate down-config-not-feas non-bonding-cpe multiple-cpes register group-incomplete host-sfp-los host-sfp-tx-fail host-sfp-not-prst host-sfp-inv-id host-sfp-ctrl-fail host-sfp-rmtlt host-sfp-mismatch host-sfp-incompt exp-sfp-los exp-sfp-tx-fail exp-sfp-not-prst exp-sfp-inv-id exp-sfp-ctrl-fail exp-sfp-1-los exp-sfp-2-los ext-qsfp-invld 	

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Parameter	Type	Description
	tx-power-high-alarm tx-power-low-alarm rx-power-high-alarm rx-power-low-alarm tx-biascur-high-alarm tx-biascur-low-alarm volt-high-alarm volt-low-alarm temp-high-alarm temp-low-alarm tx-power-high-warn tx-power-low-warn rx-power-high-warn rx-power-low-warn tx-biascur-high-warn tx-biascur-low-warn volt-high-warn volt-low-warn temp-high-warn temp-low-warn onu-unprovisioned signal-loss bitrate-high opmodule-mismatch key-fail-one-churn key-fail-three-churn oam-discov-fail report-timeout total-packets-exceed arp-packets-exceed dhcp-packets-exceed igmp-packets-exceed pppoe-packets-exceed nd-packets-exceed icmpv6-packets-exceed mld-packets-exceed dhcpv6-packets-exceed cfm-packets-exceed dsx1-serdes-fail dsx1-tributary1-fail dsx1-tributary2-fail dsx1-los-fail dsx1-ais-sync dsx1-lof-sync dsx1-los-sync dsx1-deg-fail dsx1-rei-from-liu dsx1-rdi-from-liu dsx1-crc6-from-liu dsx1-crc4-from-liu dsx1-crc4-th-from-liu dsx1-ais-from-liu dsx1-los-from-liu dsx1-lof-from-liu dsx1-lomf-from-liu dsx1-rei-from-iwf dsx1-rdi-from-iwf	

Parameter	Type	Description
	dsx1-crc6-from-iwf	
	dsx1-crc4-from-iwf	
	dsx1-crc4-th-from-iwf	
	dsx1-ais-from-iwf	
	dsx1-los-from-iwf	
	dsx1-lof-from-iwf	
	dsx1-lomf-from-iwf	
	pppce-trans-15min-tca	
	pppce-sess-15min-tca	
	pppce-trans-1day-tca	
	pppce-sess-1day-tca	
	custom1	
	custom2	
	custom3	
	custom4	
	custom5	
	he-custom1	
	he-custom2	
	he-custom3	
	he-custom4	
	he-custom5	
	he-custom6	
	custom6	
	custom7	
	custom8	
	custom9	
	custom10	
	custom11	
	custom12	
	custom13	
	custom14	
	custom15	
	custom16	
	custom17	
	loss-swo-cap	
	ping-check-fail	
	der-temp1	
	der-temp2	
	der-temp3	
	der-temp4	
	der-temp5	
	der-temp6	
	der-temp7	
	der-temp8	
	der-temp9	
	der-temp10	
	der-temp11	
	der-temp12	
	der-temp13	
	der-temp14	
	der-temp15	
	der-temp16	
	der-temp17	
	der-temp18	
	der-temp19	
	der-temp20	
	der-temp21	

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Parameter	Type	Description
	der-temp22 der-temp23 der-temp24 der-temp25 der-temp26 der-temp27 der-temp28 der-temp29 der-temp30 der-temp31 der-spa1 der-spa2 der-spa3 der-spa4 der-spa5 der-spa6 der-spa7 der-spa8 der-spa9 der-spa10 der-spa11 der-spa12 der-spa13 der-spa14 der-spa15 der-spa16 der-spa17 der-spa18 der-spa19 der-spa20 der-spa21 der-spa22 der-spa23 der-spa24 der-spa25 der-spa26 der-spa27 der-spa28 der-spa29 der-spa30 der-spa31 apsf-alarm custextalarm1 custextalarm2 custextalarm3 custextalarm4 custextalarm5 pluginfan plugin-dc-a plugin-dc-b plugin-dg ntr-a-loss ntr-b-loss xvps-conf-loss mac-entry-nofree fibre-conn-mismatch link-cap-mismatch	

Parameter	Type	Description
	eqpt-cap-mismatch ctrl-dnld-failure melt-hw-issue melt-board-reset board-shelf-mismatch mgnt-type-mismatch fileserv-unavail shdsl-n-loopback shdsl-c-loopback shdsl-conferr shdsl-atm-lcd shdsl-lpr shdsl-secu-err shdsl-dev-fault shdsl-atm-ncd shdsl-n-losw shdsl-c-losw shdsl-n-aten shdsl-c-aten shdsl-n-snr shdsl-c-snr shdsl-n-dccont shdsl-c-dccont shdsl-c-actfail e1-fe-rai e1-ne-rai e1-fe-ais e1-ne-ais e1-lof e1-los e1-loopback ima-grp-fe-su ima-grp-fe-cfg ima-grp-ne-cfg ima-grp-fe-nl ima-grp-ne-nl ima-grp-fe-blk ima-lnk-lif ima-lnk-lods ima-lnk-misc ima-lnk-rfi ima-lnk-fault ima-lnk-txblk ima-lnk-rxblk bad-digitmap dhcp-unreach dhcp-no-srv dhcp-inv-srv norpniewithsoftdsp unknown-sub ground-key port-hightemp port-jbfltca reg-domainname reg-auth reg-timeout reg-srvfailresp	

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Parameter	Type	Description
	inv-domainname inv-auth inv-timeout inv-srvfailresp subs-srvfailresp subs-domainname subs-auth subs-refreshfail subs-inittimeout emergency-call elsip-reg-domainname elsip-reg-auth elsip-reg-timeout elsip-reg-srvfailresp elsip-inv-domainname elsip-inv-auth elsip-inv-timeout elsip-inv-srvfailresp elsip-emergency-call elitf-ais-signal elitf-los-signal elitf-rai-signal elsip-misconfig-mgc10 elsip-nsmprf-missed eltlitf-recv-ais eltlitf-recv-los eltlitf-recv-rai transport-mismatch dns-lookup-failure none-dns-srv no-dns-srv none-srv no-srv reg-srv-unreach proxy-srv-unreach dhcp-srv-unreach fo-trigger fb-trigger du-trigger ssp-missing dns-pool-exceed lsa-fo-trigger reg-domainname-sec reg-auth-sec reg-timeout-sec reg-srvfailresp-sec inv-domainname-sec inv-auth-sec inv-timeout-sec inv-srvfailresp-sec subs-srvfailresp-sec subs-domainname-sec subs-auth-sec subs-refreshfail-sec subs-inittimeout-sec emergency-call-sec fanout	

Parameter	Type	Description
	up-overflow upobc-overflow dwobc-overflow dw-overflow lwpri-overflow queue-drop queue-load queue-peak-usage mgc-unreachable failover-to-esamgc sgc-unreachable lcard-unreach-srvcard lcard-type-mismatch meg-unknown-sub meg-ground-key meg-high-temp meg-act-fail meg-over-current line-showering low-qos-packetloss low-qos-jitter low-qos-delay sig-brd-persist-loss sig-brd-disk-full sig-brd-db-rollback mg-overload meg-unknown-sub-sec line-showering-sec loss-env-mon etca-los etca-fcs etca-day-los etca-day-fcs etca-rx-octets etca-tx-octets etca-day-rx-octets etca-day-tx-octets user-sfp-los user-sfp-tx-fail user-sfp-not-prst user-sfp-inv-id user-sfp-t-exceed user-sfp-mismatch uplink-sfp-los uplink-sfp-tx-fail uplink-sfp-not-prst uplink-sfp-inv-id uplink-sfp-t-exceed uplink-sfp-mismatch loss-lmswp-cap inv-xvps-pair-data network-power-loss hw-fault bat-miss bat-fail bat-low bat-a-fail	

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Parameter	Type	Description
	bat-b-fail	
	ac-vol-out-range	
	network-power-loss-b	
	sem-ac-power-fail	
	sem-ups-low-volt	
	dc-a-fail	
	dc-b-fail	
	plan-power-mismatch	
	water-seepage-in-box	
	sealed-box-open	
	dc-a-vol-out-range	
	dc-b-vol-out-range	
	inlet-temp-major	
	inlet-temp-critical	
	psu-fail-crit	
	psu-a-fail-presence	
	psu-a-fail-vin-ac-nok	
	psu-a-fail-vin-uv	
	psu-a-fail-vin-ov	
	psu-a-fail-vout-uv	
	psu-a-fail-vout-ov	
	psu-a-fail-iout-oc	
	psu-a-fail-overtemp	
	psu-b-fail-presence	
	psu-b-fail-vin-ac-nok	
	psu-b-fail-vin-uv	
	psu-b-fail-vin-ov	
	psu-b-fail-vout-uv	
	psu-b-fail-vout-ov	
	psu-b-fail-iout-oc	
	psu-b-fail-overtemp	
	synce-fail	
	bits-fail	
	bits-output-shutoff	
	ieee1588-fail	
	gnss-fail	
	ieee1588-hybrid-fail	
	signal-loss	
	signal-efd	
	esmc-loss	
	bits-output-exceed	
	ql-input-exceed	
	holdover	
	lti	
	tod-reference-fail	
	internal-clk-fail	
	bgp-peer-down	
	bgp-routes-mid-limit	
	isis-adjacency-down	
	isis-adjacency-reject	
	isis-instance-down	
	ospf-lsa-limit	
	ospf-lsa-mid-limit	
	ospf-neighbor-down	
	ospf-instance-down	
	ospf3-lsa-limit	
	ospf3-lsa-mid-limit	

Parameter	Type	Description
	osfp3-neighbor-down osfp3-instance-down rip-instance-down lag-down lagsubgrp-thresh-reach lagsubgrp-switch-fail no-unpinned-free-ports general-arp-limit gen-switch-out-of-res ipv6-nc-limit dhcp-session-oor ihub-fdb-limit ihub-mac-limit l2fw-stp-exception l2fw-stp-root-guard vprn-routes-limit vprn-ipv6-routes-limit dhcpv6-lease-limit dhcpv4-lease-limit vpls-mfib-limit ihub-ipv6-dad-own ihub-ipv6-dad ihub-ipv6-dup-pd-route vpls-duplicate-mac vpls-fdb-limit vpls-self-duplic-mac vpls-sdp-self-dup-mac link-down link-lagport-add-fail link-conf-mismatch ihub-peer-comm ihub-sw-fail ihub-hw-fail ihub-link-fail ihub-proc-overload ihub-out-of-mem ntp-comm-lost ldp-instance-down ldp-session-down mpls-instance-down mpls-lsp-down mpls-lsp-path-down sdp-instance-down sdp-binding-down epipe-instance-down lldpmed-portcfg-mis lldpmed-mediapl-mis vlanport-svc-mismatch mcsrc-stream-lost eqptsupl-syslog-upload eqptsupl-ontsw-dnload cf-75%used cf-90%used olt-gen-pon-com-fail olt-gen-tx-fail olt-gen-unprov-ont olt-gen-pon-eqpt-prov	

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Parameter	Type	Description
	olt-gen-pon-loss-sig olt-gen-pon-diagnostic olt-gen-loid-conflict olt-gen-loid-pwderr olt-gen-pon-alien-test olt-gen-alien-detect olt-gen-rng-mism olt-gen-sfp-mism olt-gen-deact-hightca olt-gen-deact-lowtca olt-gen-dp-integ olt-gen-ddr-fault olt-pon-tc-err-frag-tc olt-ont-tc-err-frag-tc ont-ploam-loss-sig ont-ploam-loss-ack ont-ploam-loss-cd ont-ploam-phy-eqpt-err ont-ploam-startup-fail ont-ploam-sig-degrade ont-ploam-disabled ont-ploam-err-msg ont-ploam-inactive ont-ploam-sig-fail ont-ploam-dying-gasp ont-ploam-deact-fail ont-ploam-oam ont-ploam-win-drift ont-ploam-rdi ont-ploam-loss-ks ont-ploam-pwr-burst ont-ploam-rog-disa ont-ploam-diff-reach ont-ploam-looc sfu-ploam-loss-sig sfu-ploam-loss-ack sfu-ploam-loss-cd sfu-ploam-phy-eqpt-err sfu-ploam-startup-fail sfu-ploam-sig-degrade sfu-ploam-disabled sfu-ploam-err-msg sfu-ploam-inactive sfu-ploam-sig-fail sfu-ploam-dying-gasp sfu-ploam-deact-fail sfu-ploam-oam sfu-ploam-win-drift sfu-ploam-rdi sfu-ploam-loss-ks sfu-ploam-pwr-burst sfu-ploam-rog-disa sfu-ploam-diff-reach sfu-ploam-looc soho-ploam-loss-sig soho-ploam-loss-ack soho-ploam-loss-cd	

Parameter	Type	Description
	soho-ploam-phy-eqpt-er	
	soho-ploam-startup-fai	
	soho-ploam-sig-degrade	
	soho-ploam-disabled	
	soho-ploam-err-msg	
	soho-ploam-inactive	
	soho-ploam-sig-fail	
	soho-ploam-dying-gasp	
	soho-ploam-deact-fail	
	soho-ploam-oam	
	soho-ploam-win-drift	
	soho-ploam-rdi	
	soho-ploam-loss-ks	
	soho-ploam-pwr-burst	
	soho-ploam-roq-disa	
	soho-ploam-diff-reach	
	soho-ploam-looc	
	mdu-ploam-loss-sig	
	mdu-ploam-loss-ack	
	mdu-ploam-loss-cd	
	mdu-ploam-phy-eqpt-err	
	mdu-ploam-startup-fail	
	mdu-ploam-sig-degrade	
	mdu-ploam-disabled	
	mdu-ploam-err-msg	
	mdu-ploam-inactive	
	mdu-ploam-sig-fail	
	mdu-ploam-dying-gasp	
	mdu-ploam-deact-fail	
	mdu-ploam-oam	
	mdu-ploam-win-drift	
	mdu-ploam-rdi	
	mdu-ploam-loss-ks	
	mdu-ploam-pwr-burst	
	mdu-ploam-roq-disa	
	mdu-ploam-diff-reach	
	mdu-ploam-looc	
	ont-hpna-ser-mis	
	ont-hpna-los-sig	
	ont-moca-svc-mis	
	ont-moca-link-los	
	ont-moca-min-bw	
	ont-moca-tca-rx-err-fr	
	ont-sipa-reg-nm-fail	
	ont-sipa-reg-rec-fail	
	ont-sipa-reg-con-fail	
	ont-sipa-reg-val-fail	
	ont-sipa-reg-mis	
	ont-vcd-cfg-nm-fail	
	ont-vcd-cfg-rech-fail	
	ont-vcd-cfg-conn-fail	
	ont-vcd-cfg-vali-fail	
	ont-vcd-cfg-auth-fail	
	ont-vcd-cfg-resp-tmout	
	ont-vcd-cfg-resp-err	
	ont-vcd-cfg-file-err	
	ont-vcd-sub-nm-fail	

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Parameter	Type	Description
	ont-vcd-sub-rech-fail ont-vcd-sub-conn-fail ont-vcd-sub-vali-fail ont-vcd-sub-auth-fail ont-vcd-sub-resp-tmout ont-vcd-sub-resp-err ont-vcd-reb-requ ont-vcd-mis ont-mgc-mis ont-mgc-timeout ont-sip-reg-dns ont-sip-reg-fail ont-sip-reg-timeout ont-sip-reg-err-resps ont-sip-inv-dns ont-sip-inv-auth ont-sip-inv-timeout ont-sip-inv-err ont-svc-pots-subs-refr ont-svc-pots-not-refr ont-svc-pots-icfg-err ont-veip-mismatch ont-ip-host-mismatch ont-ip-host-file ont-ip-host-ip-alloc olt-pon-up-bw-tca olt-pon-down-bw-tca ont-gen-omci-fail ont-gen-eqpt-selftest ont-gen-ac-pwr-fail ont-gen-bat-missing ont-gen-bat-low ont-gen-bat-fail ont-gen-phys-intrusion ont-gen-sw-dnload-f ont-gen-sw-dnload-p ont-gen-sw-act-fail ont-gen-eqpt-vers-mis ont-gen-sw-vers-mis ont-gen-us-rate-mis ont-gen-mdu-env1 ont-gen-mdu-env2 ont-gen-mdu-env3 ont-gen-nw-time-err ont-gen-opt-sig-high ont-gen-opt-sig-low ont-gen-eqpt-prov-sa ont-gen-eqpt-prov-nsa pon-t-txmcutilhi pon-t-txmcutilmd pon-t-txmcutillo pon-t-txtotutilhi pon-t-txtotutilmd pon-t-txtotutillo pon-t-rxtotutilhi pon-t-rxtotutilmd pon-t-rxtotutillo	

Parameter	Type	Description
	pon-t-dbacongperiodhi pon-t-dbacongperiodmd pon-t-dbacongperiodlo pon-t-txucdropfrmhi pon-t-txucdropfrmmd pon-t-txucdropfrmlo pon-t-txmcdropfrmhi pon-t-txmcdropfrmmd pon-t-txmcdropfrmlo pon-t-txbcdropfrmhi pon-t-txbcdropfrmmd pon-t-txbcdropfrmlo pon-t-rxtotdropfrmhi pon-t-rxtotdropfrmmd pon-t-rxtotdropfrmlo chpr-t-txmcutilhi chpr-t-txmcutilmd chpr-t-txmcutillo chpr-t-txtotutilhi chpr-t-txtotutilmd chpr-t-txtotutillo chpr-t-rxtotutilhi chpr-t-rxtotutilmd chpr-t-rxtotutillo chpr-t-dbacongperiodhi chpr-t-dbacongperiodmd chpr-t-dbacongperiodlo chpr-t-txucdropfrmhi chpr-t-txucdropfrmmd chpr-t-txucdropfrmlo chpr-t-txmcdropfrmhi chpr-t-txmcdropfrmmd chpr-t-txmcdropfrmlo chpr-t-txbcdropfrmhi chpr-t-txbcdropfrmmd chpr-t-txbcdropfrmlo chpr-t-rxtotdropfrmhi chpr-t-rxtotdropfrmmd chpr-t-rxtotdropfrmlo sfu-gen-omci-fail sfu-gen-eqpt-selftest sfu-gen-ac-pwr-fail sfu-gen-bat-missing sfu-gen-bat-low sfu-gen-bat-fail sfu-gen-sw-dnload-f sfu-gen-sw-dnload-p sfu-gen-sw-act-fail sfu-gen-eqpt-vers-mis sfu-gen-sw-vers-mis sfu-gen-us-rate-mis sfu-gen-tune-fail sfu-gen-nw-time-err sfu-gen-opt-sig-high sfu-gen-opt-sig-low sfu-gen-eqpt-prov-sa sfu-gen-eqpt-prov-nsa	

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Parameter	Type	Description
	soho-gen-omci-fail	
	soho-gen-eqpt-selftest	
	soho-gen-ac-pwr-fail	
	soho-gen-bat-missing	
	soho-gen-bat-low	
	soho-gen-bat-fail	
	soho-gen-sw-dnload-f	
	soho-gen-sw-dnload-p	
	soho-gen-sw-act-fail	
	soho-gen-eqpt-vers-mis	
	soho-gen-sw-vers-mis	
	soho-gen-us-rate-mis	
	soho-gen-tune-fail	
	soho-gen-nw-time-err	
	soho-gen-opt-sig-high	
	soho-gen-opt-sig-low	
	soho-gen-eqpt-prov-sa	
	soho-gen-eqpt-prov-nsa	
	mdu-gen-omci-fail	
	mdu-gen-eqpt-selftest	
	mdu-gen-ac-pwr-fail	
	mdu-gen-bat-missing	
	mdu-gen-bat-low	
	mdu-gen-bat-fail	
	mdu-gen-phys-intrusion	
	mdu-gen-sw-dnload-f	
	mdu-gen-sw-dnload-p	
	mdu-gen-sw-act-fail	
	mdu-gen-eqpt-vers-mis	
	mdu-gen-sw-vers-mis	
	mdu-gen-us-rate-mis	
	mdu-gen-tune-fail	
	mdu-gen-mdu-env1	
	mdu-gen-mdu-env2	
	mdu-gen-mdu-env3	
	mdu-gen-nw-time-err	
	mdu-gen-opt-sig-high	
	mdu-gen-opt-sig-low	
	mdu-gen-eqpt-prov-sa	
	mdu-gen-eqpt-prov-nsa	
	ont-gen-sw-dnload-file	
	ont-gen-fan-fail	
	ont-gen-high-temp	
	ont-gen-high-temp-ex	
	ont-gen-emergency-call	
	ont-gen-sw-version	
	ont-poe-exceed-max	
	ont-poe-overload-yell	
	ont-opti-malfunc	
	ont-gen-cfgdld-fail	
	ont-gen-rssi-mis	
	ont-gen-tx-pwr-low	
	ont-gen-temp-high	
	ont-gen-volt-high	
	ont-gen-bias-high	
	ont-loopdetect-mis	
	ont-olt-rx-pw-lo	

Parameter	Type	Description
	ont-olt-rx-pw-hig ont-olt-rx-pw-warnlo ont-olt-rx-pw-warnhig ont-gen-tod-out-sync ont-gen-tune-fail hgu-tr069-parm-fail ont-gen-tod-mismatch sfu-sup-sw-file-error sfu-sup-fan-failure sfu-sup-temp-high-warn sfu-sup-temp-shutoff sfu-sup-emergency-call sfu-sup-swverctrl-err sfu-sup-poe-exceed-max sfu-sup-poe-over-yell sfu-opti-malfunc sfu-sup-cfg-dnld-fail sfu-sup-rssi-cfg-mism sfu-sup-sfp-tx-low sfu-sup-sfp-temp-high sfu-sup-sfp-volt-high sfu-sup-sfp-bias-high sfu-sup-ld-cfg-mism sfu-sup-olt-rx-low sfu-sup-olt-rx-high sfu-sup-olt-rx-lo-warn sfu-sup-olt-rx-hi-warn sfu-sup-tod-out-sync sfu-sup-ont-tune-fail sfu-tr069-parm-fail sfu-sup-tod-mismatch soho-sup-sw-file-error soho-sup-fan-failure soho-sup-temp-high-war soho-sup-temp-shutoff soho-sup-emergency-cal soho-sup-swverctrl-err soho-sup-poe-exceed-ma soho-sup-poe-over-yell soho-opti-malfunc soho-sup-cfg-dnld-fail soho-sup-rssi-cfg-mism soho-sup-sfp-tx-low soho-sup-sfp-temp-high soho-sup-sfp-volt-high soho-sup-sfp-bias-high soho-sup-ld-cfg-mism soho-sup-olt-rx-low soho-sup-olt-rx-high soho-sup-olt-rx-lo-war soho-sup-olt-rx-hi-war soho-sup-tod-out-sync soho-sup-ont-tune-fail soho-tr069-parm-fail soho-sup-tod-mismatch mdu-sup-sw-file-error mdu-sup-fan-failure	

3 Alarm Configuration Commands

Parameter	Type	Description
	mdu-sup-temp-high-warn mdu-sup-temp-shutoff mdu-sup-emergency-call mdu-sup-swverctrl-err mdu-sup-poe-exceed-max mdu-sup-poe-over-yell mdu-opti-malfunc mdu-sup-cfg-dnld-fail mdu-sup-rssi-cfg-mism mdu-sup-sfp-tx-low mdu-sup-sfp-temp-high mdu-sup-sfp-volt-high mdu-sup-sfp-bias-high mdu-sup-ld-cfg-mism mdu-sup-olt-rx-low mdu-sup-olt-rx-high mdu-sup-olt-rx-lo-warn mdu-sup-olt-rx-hi-warn mdu-sup-tod-out-sync mdu-sup-ont-tune-fail mdu-tr069-parm-fail mdu-sup-tod-mismatch ont-sbscr-lim-missing ont-sbscr-lim-type-mis ont-sbscr-lim-removal ont-sbscr-lim-fail ont-sbscr-lim-svc-mis ont-sbscr-lim-port-mis ont-svc-video-conf-mis ont-svc-video-pw-high ont-svc-video-pw-low ont-svc-pots-svc-mis ont-svc-pots-rtcp-lost ont-svc-pots-icnf-subs ont-svc-pots-icnf-ntfy ont-svc-pots-icnf-http ont-svc-pots-sip-reg ont-svc-pots-sip-inv ont-svc-pots-sip-subsc ont-svc-pots-sip-mt-tc ont-svc-pots-pk-los-tc ont-svc-pots-jitter-tc ont-svc-pots-subs-dns ont-svc-pots-subs-tcp ont-svc-pots-subs-tls ont-svc-pots-subs-auth ont-svc-pots-subs-to ont-svc-pots-subs-err ont-svc-pots-not-to ont-svc-pots-notref-to ont-svc-pots-not-mal ont-svc-pots-not-rej ont-svc-pots-http-dns ont-svc-pots-http-tcp ont-svc-pots-http-tls ont-svc-pots-http-auth ont-svc-pots-http-to	

Parameter	Type	Description
	ont-svc-pots-http-err ont-svc-pots-http-mal ont-svc-pots-insuff ont-svc-pots-poos ont-svc-lan-mismatch ont-svc-lan-loss-sig ont-svc-enet-poos ont-svc-ces-dsl-mis ont-svc-ces-dsl-los ont-svc-ces-dsl-lof ont-svc-ces-dsl-rair ont-svc-ces-dsl-ais ont-svc-ces-dsl-lnlpbk ont-svc-ces-dsl-tmlpbk ont-svc-ces-el-mis ont-svc-ces-el-los ont-svc-ces-el-lof ont-svc-ces-el-rair ont-svc-ces-el-ais ont-svc-voip-cnf-file ont-svc-voip-svc-mis ont-svc-voip-gw-comm ont-svc-voip-dhcp-fail ont-svc-voip-icnf-subs ont-svc-voip-icnf-ntfy ont-svc-voip-icnf-http ont-svc-voip-dhcp-to ont-svc-voip-dhcp-mal ont-svc-voip-dhcp-noad ont-svc-voip-dhcp-leas ont-svc-voip-subs-dns ont-svc-voip-subs-tcp ont-svc-voip-subs-tls ont-svc-voip-subs-auth ont-svc-voip-subs-to ont-svc-voip-subs-err ont-svc-voip-not-to ont-svc-voip-notref-to ont-svc-voip-not-mal ont-svc-voip-not-rej ont-svc-voip-http-dns ont-svc-voip-http-tcp ont-svc-voip-http-tls ont-svc-voip-http-auth ont-svc-voip-http-to ont-svc-voip-http-err ont-svc-voip-http-mal ont-svc-voip-subs-refr ont-svc-voip-not-refr ont-svc-voip-icfg-err ont-svc-v-ani-conf-mis ont-svc-v-ani-loss-sig ont-svc-v-ani-lv-high ont-svc-v-ani-lv-low ont-svc-pwe-mismatch ont-svc-pwe-reordr-lof ont-svc-pwe-jitt-buf-o	

3 Alarm Configuration Commands

Parameter	Type	Description
	ont-svc-pwe-jitt-buf-u ont-svc-pwe-malf-frms ont-svc-pwe-late-frms ont-svc-pwe-link-loss ont-svc-pwe-arp-fail ont-svc-xdsl-mismatch ont-svc-xdsl-ne-lof ont-svc-xdsl-ne-los ont-svc-xdsl-ne-line ont-svc-xdsl-ne-lol ont-svc-xdsl-fe-lof ont-svc-xdsl-fe-los ont-svc-xdsl-fe-lop ont-svc-xdsl-cnfr-err ont-svc-xdsl-ne-es-tc ont-svc-xdsl-ne-ses-tc ont-svc-xdsl-ne-uas-tc ont-svc-xdsl-fe-es-tc ont-svc-xdsl-fe-ses-tc ont-svc-xdsl-fe-uas-tc ont-tc-rx-los-frag-tc ont-tc-tx-los-frag-tc ont-tc-bad-gem-hd-tc ont-uni-ds-drpdr-fr-tc ont-uni-up-drpdr-fr-tc ont-uni-ds-crc-fr-tc ont-uni-up-crc-fr-tc ont-cpu-util-tca ont-mem-util-tca pim-neighbor-down pim-max-mcroutes li-traffic-disabled li-bandwidth-limit li-out-of-res otdr-cap-mismatch login-successful login-failure cfm-defrdiccm cfm-defmacstatus cfm-defremoteccm cfm-deferrorccm cfm-defxconccm cfm-defais bfd-session-down bfd-max-resource bfd-stale-entry tca-outputbw tca-inputbw tca-rxcrcalign tca-txcrcalign tca-txcollisions tca-outpuhighbw tca-outputmedbw tca-outputlowbw tca-inpuhighbw tca-inputmediumbw tca-inputlowbw	

Parameter	Type	Description
	eth-cfm-defrdiccm eth-cfm-defmacstatus eth-cfm-defremoteccm eth-cfm-deferrorccm eth-cfm-defxconccm rsvp-neighbor-down rsvp-instance-down eth-ring-path-block ai-platform-down ai-appl-install-fail ip-assign-fail ont-tr069-serv-mis ont-snmp-mis bsf-dhcpv4 bsf-dhcpv6 bsf-pon bsf-vbridge bsf-qos bsf-igmp bsf-lxfwd prot-not-available prot-switchover-fail efm-oam-cpelinkfault efm-oam-cpedyinggasp efm-oam-cpecrevt ont-loopdetect alarm-tbl-overflow auto-switch-status auswqueuefullatm auswbkpfailatm auswrecfgfailatm auswdataunatm auswqueuefulptm auswbkpfailptm auswrecfgfailptm auswdataunptm auswbakpfailatm chpr-com-fail chpr-tx-fail chpr-unprov-ont chpr-prov-mismatch chpr-loss-sig chpr-diagnostic chpr-loid-conflict chpr-loid-pwd-err chpr-stk-laser-dis chpr-sfp-mismatch chpr-rng-mismatch chpr-alien-test chpr-alien-detect chpr-deact-hightca chpr-deact-lowtca chpr-dp-integ olt-chpr-tc-err-frag olt-chpr-up-bw-tca olt-chpr-down-bw-tca cfg-dld-fail	

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Parameter	Type	Description
	cfg-act-fail cfg-dld-ip cfg-ver-mismatch cfg-file-missing cfg-verctrl-err cfg-not-supported ont-prot-not-available ont-gen-temp-low ont-gen-volt-low ont-gen-tx-pwr-high ont-gen-bias-low ont-gen-rx-hwarn ont-gen-rx-lwarn ont-gen-tx-hwarn ont-gen-tx-lwarn ont-gen-temp-hwarn ont-gen-temp-lwarn ont-gen-volt-hwarn ont-gen-volt-lwarn ont-gen-bias-hwarn ont-gen-bias-lwarn sfu-sup2-temp-low sfu-sup2-volt-low sfu-sup2-tx-high sfu-sup2-bias-low sfu-sup2-rx-hwarn sfu-sup2-rx-lwarn sfu-sup2-tx-hwarn sfu-sup2-tx-lwarn sfu-sup2-temp-hwarn sfu-sup2-temp-lwarn sfu-sup2-volt-hwarn sfu-sup2-volt-lwarn sfu-sup2-bias-hwarn sfu-sup2-bias-lwarn soho-sup2-temp-low soho-sup2-volt-low soho-sup2-tx-high soho-sup2-bias-low soho-sup2-rx-hwarn soho-sup2-rx-lwarn soho-sup2-tx-hwarn soho-sup2-tx-lwarn soho-sup2-temp-hwarn soho-sup2-temp-lwarn soho-sup2-volt-hwarn soho-sup2-volt-lwarn soho-sup2-bias-hwarn soho-sup2-bias-lwarn mdu-sup2-temp-low mdu-sup2-volt-low mdu-sup2-tx-high mdu-sup2-bias-low mdu-sup2-rx-hwarn mdu-sup2-rx-lwarn mdu-sup2-tx-hwarn mdu-sup2-tx-lwarn	

Parameter	Type	Description
	mdu-sup2-temp-hwarn mdu-sup2-temp-lwarn mdu-sup2-volt-hwarn mdu-sup2-volt-lwarn mdu-sup2-bias-hwarn mdu-sup2-bias-lwarn cust-alm1 cust-alm2 cust-alm3 cust-alm4 cust-alm5 cust-alm6 cust-alm7 cust-alm8 cust-alm9 cust-alm10 cust-alm11 cust-alm12 cust-alm13 cust-alm14 cust-alm15 cust-alm16 cust-alm17 cust-alm18 cust-alm19 cust-alm20 cust-alm21 cust-alm22 cust-alm23 cust-alm24 cust-alm25 cust-alm26 cust-alm27 cust-alm28 cust-alm29 cust-alm30 cust-alm31 ethernet-ring-pthfwst ethernet-ring-fop-to ethernet-ring-fop-pm fpm-depletion exp-seizureack exp-disconack exp-forcerelack packet-loss remote-packet-loss no-dsp-resource la-down la-standby-na la-switch-fail la-degrade melt-board-reset board-shelf-mismatch fcs-thresh-exceed) Possible values: - all : all alarms for query - xtca-ne-es : errored seconds in 15 min	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - xtca-ne-ses : severely errored seconds in 15 min - xtca-ne-uas : unavailable seconds in 15 min - xtca-ne-day-es : errored seconds in 1 day - xtca-ne-day-ses : severely errored seconds in 1 day - xtca-ne-day-uas : unavailable seconds in 1 day - xtca-fe-es : errored seconds in 15 min - xtca-fe-ses : severely errored secs in 15 min - xtca-fe-uas : unavailable seconds in 15 min - xtca-fe-day-es : errored seconds in 1 day - xtca-fe-day-ses : severely errored secs in 1 day - xtca-fe-day-uas : unavailable seconds in 1 day - xtca-leftrs : low error free throughput seconds in 15 min - xtca-day-leftrs : low error free throughput seconds in 1 day - xtca-fe-leftrs : far end low error free throughput seconds in 15 min - xtca-fe-day-leftrs : far end low error free throughput seconds in 1 day - xtca-auto-port-reset : auto-port-resets in 1 week - xtca-reinit : Reinitialization seconds in 15 min - xtca-day-reinit : Reinitialization seconds in 1 day - xdsl-ne-los : loss of signal - xdsl-ne-lof : loss of frame - xdsl-ne-lom : loss of margin - xdsl-ne-ese : excessive severe errors - xdsl-act-cfg-error : line configuration data cannot be used - xdsl-act-not-feas : line capacity not enough to setup requested profile - xdsl-up-br-reach : planned bitrate not reached after initialization - xdsl-ne-ncd : no cell delineation - xdsl-ne-lcd : loss of cell delineation - xdsl-fe-los : loss of signal - xdsl-fe-lof : loss of frame - xdsl-fe-lpr : loss of power - xdsl-fe-lol : loss of link - xdsl-fe-lom : loss of margin - xdsl-fe-ese : excessive severe errors - xdsl-fe-upbo-vio : upbo violation - xdsl-fe-cpe-pol : activation failure cpe policing - xdsl-tpstc-mis : mismatch between the configured tps-tc mode and the mode supported by the connected cpe - xdsl-act-comm : init not successful due to communications problem - xdsl-act-modem : no peer modem detected - xdsl-do-br-reach : planned bitrate not reached after init - xdsl-fe-ncd : no cell delineation - xdsl-fe-lcd : loss of cell delineation - xdsl-ftrx-init-fail : init not successful due to forced rtx - xdsl-vect-dle : vectoring disorderly leaving event - xdsl-fe-mis-peer-35b : VDSL2 35b opmode mismatch between XTU-C and XTU-R - vectline-xtc-var-vict : excessive victim crosstalk coefficients variation - vectline-xtc-var-dist : excessive disturber crosstalk coefficients variation - vectline-corp-errf : corrupted or missing errorf-samples - vect-cpe-cap-mismatch : not allowed Vectoring CPE 	

Parameter	Type	Description
	<p>connected</p> <ul style="list-style-type: none"> - vectline-conf_notfeas : vect line configuration not feasible - vect-vp-lt-mismatch : actual vp-lt connection(s) do not match expected vp-lt connection(s) or vp-lt connection lost - vect-inv-qsfp : qsfp has no valid Nokia ID - vect-vp-lt-fail : vp-lt connection not operational - vect-no-gain-at-init : Lines cannot train in gain-at-init mode - sw-rollback : non active oswp,db cannot be operational - will rollback - db-rollback : selected oswp,db cannot be operational - will rollback - xvps-inv-dbase : invalid xvps dbase - inv-cde-file : invalid xvps cde file - miss-cde-file : missing cde profile - cde-hash-error : cde profile hash error - low-disk-space : insufficient space for Sw storage - cell-discard-up : cell discarded in the upstream direction - cell-discard-down : cell discarded in the downstream direction - persist-data-loss : all data lost after restart - system not configured - mac-conflict : duplicate mac address on the bridge port - vmac-full : virtual mac address is full on the bridge port - sntp-comm-lost : sntp server not responding - preferred-mode : preferred mode not available - timing-reference : timing reference failure - nt-disk-95%full : nt disk 95% full - shub-loc : communication lost with shub - cf-error : compact flash access error - back-pnl-inv : BackPanel-type Invalid - ihub-conf-loss : iHub configuration loss - recent changes lost - rack-power : power fuse broken - rack-fan-unit1 : fan unit rack 1 failing - rack-fan-unit2 : fan unit rack 2 failing - shelf-mismatch : shelf type different from planned type - shelf-missing : detected shelf no longer detected - shelf-install-missing : shelf planned but not installed - door : open cabinet door - ac-power-fail : external power failure - shelf shutdown in 15 minutes - board-mismatch : board inserted different from planned - waiting-for-sw : not able to download all the applicable sw files - temp-exceeded : temperature threshold exceeded on the board - backplane-data-failure: It port on backplane data failure - temp-shutdown : board powered down itself - too high temperature - board-missing : board detected after planning - now missing - board-instl-missing : board never detected after planning - board-init : board initialisation failure - board-reset-prot : number of resets exceeded - sem-power-fail : SEM external power failure - sem-ups-fail : SEM external power supply failure 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - board-reset-cf : board reset and/or communication failure - vlan-assign-fail : failure to assign VLAN for a user session - vsa-info-invalid : radius fail to assign a valid vsa to a user session - auth-mac-conflict : failure to check mac conflict for a user session - user-pwd-fault : failure to check user or password of a user session - up-plan-bitrate : upstream bitrate is above min and below planned - up-min-bitrate : upstream bitrate is below min bitrate - up-config-not-feas : upstream bitrate is not enough to set up config group - down-plan-bitrate : downstream bitrate is above min and below planned - down-min-bitrate : downstream bitrate is below min bitrate - down-config-not-feas : downstream bitrate is not enough to set up config group - non-bonding-cpe : no bonding cpe modem is connected - multiple-cpes : bonding group has multiple cpe modems connected - register : bonding group discovery or aggregation register failure - group-incomplete : bonding group is incomplete - host-sfp-los : loss of signal - host-sfp-tx-fail : Tx failure - host-sfp-not-prst : not present - host-sfp-inv-id : no valid Nokia ID - host-sfp-ctrl-fail : control failure - host-sfp-rmtlt : unexpected remote plug-in - host-sfp-mismatch : assignment does not match reported rack/shelf/slot - host-sfp-incompt : incompatible shelf type detected - exp-sfp-los : expansion side loss of signal - exp-sfp-tx-fail : Tx failure - exp-sfp-not-prst : not present - exp-sfp-inv-id : no valid Nokia ID - exp-sfp-ctrl-fail : control failure - exp-sfp-1-los : expansion side sfp1 loss of signal - exp-sfp-2-los : expansion side sfp2 loss of signal - ext-qsfp-invld : Invalid Nokia ID - tx-power-high-alarm : tx power more than alarm range - tx-power-low-alarm : tx power less than alarm range - rx-power-high-alarm : rx power more than alarm range - rx-power-low-alarm : rx power less than alarm range - tx-biascur-high-alarm : tx bias current high alarm - tx-biascur-low-alarm : tx bias current low alarm - volt-high-alarm : voltage high alarm - volt-low-alarm : voltage low alarm - temp-high-alarm : temperature high alarm - temp-low-alarm : temperature low alarm - tx-power-high-warn : tx power more than warn range - tx-power-low-warn : tx power less than warn range - rx-power-high-warn : rx power more than warn range - rx-power-low-warn : rx power less than warn range - tx-biascur-high-warn : tx bias current high warn - tx-biascur-low-warn : tx bias current low warn 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - volt-high-warn : voltage high warn - volt-low-warn : voltage low warn - temp-high-warn : temperature high warn - temp-low-warn : temperature low warn - onu-unprovisioned : unprovisioned ont - signal-loss : pon loss of signal - bitrate-high : the error bit rate high at pon interface - opmodule-mismatch : the optical module mismatched at pon interface - key-fail-one-churn : key exchange failure during one churning time - key-fail-three-churn : key exchange failure during three churning time - oam-discov-fail : extend oam discovery failure - report-timeout : report timeout detecting - total-packets-exceed : total amount of protocol packets exceed threshold - arp-packets-exceed : protocol arp packets exceed threshold - dhcp-packets-exceed : protocol dhcp packets exceed threshold - igmp-packets-exceed : protocol igmp packets exceed threshold - pppoe-packets-exceed : protocol pppoe packets exceed threshold - nd-packets-exceed : protocol nd packets exceed threshold - icmpv6-packets-exceed : protocol icmpv6 packets exceed threshold - mld-packets-exceed : protocol mld packets exceed threshold - dhcpv6-packets-exceed : protocol dhcpv6 packets exceed threshold - cfm-packets-exceed : protocol cfm packets exceed threshold - dsx1-serdes-fail : SERDES clock alarm failure - dsx1-tributary1-fail : The tributary 1 clock is not present - dsx1-tributary2-fail : The tributary 2 clock is not present - dsx1-los-fail : All the selected tribs in Loss of Signal - dsx1-ais-sync : Alarm Indication signal on the tributary selected as sync source - dsx1-lof-sync : Loss of Framing on the tributary selected as sync source - dsx1-los-sync : Loss of signal on the tributary selected as sync source - dsx1-deg-fail : Signal degrade Alarm - dsx1-rei-from-liu : Remote Error Indication alarm from LIU - dsx1-rdi-from-liu : Remote Defect Alarm from LIU - dsx1-crc6-from-liu : Cyclic Redundancy check-6 alarm from LIU - dsx1-crc4-from-liu : Cyclic Redundancy check-4 alarm from LIU - dsx1-crc4-th-from-liu : Cyclic Redundancy check-4 threshold alarm from LIU - dsx1-ais-from-liu : Alarm Indication Signal alarm from LIU - dsx1-los-from-liu : Loss of signal alarm from LIU - dsx1-lof-from-liu : Loss of framing alarm from LIU 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - dsx1-lomf-from-liu : Loss of Multi-frame alarm from LIU - dsx1-rei-from-iwf : Remote Error Indication alarm from IWF - dsx1-rdi-from-iwf : Remote Defect Alarm from IWF - dsx1-crc6-from-iwf : Cyclic Redundancy check-6 alarm from IWF - dsx1-crc4-from-iwf : Cyclic Redundancy check-4 alarm from IWF - dsx1-crc4-th-from-iwf : Cyclic Redundancy check-4 threshold alarm from IWF - dsx1-ais-from-iwf : Alarm Indication Signal alarm from IWF - dsx1-los-from-iwf : Loss of signal alarm from IWF - dsx1-lof-from-iwf : Loss of framing alarm from IWF - dsx1-lomf-from-iwf : Loss of Multi-frame alarm from IWF - pppce-trans-15min-tca : 15 minutes transaction timeout count exceeds configured TCA - pppce-sess-15min-tca : 15 minutes session timeout count exceeds configured TCA - pppce-trans-1day-tca : 1day transaction timeout count exceeds configured TCA - pppce-sess-1day-tca : 1day session timeout count exceeds configured TCA - custom1 : customizable alarm 1 - custom2 : customizable alarm 2 - custom3 : customizable alarm 3 - custom4 : customizable alarm 4 - custom5 : customizable alarm 5 - he-custom1 : host expansion customizable alarm 1 - he-custom2 : host expansion customizable alarm 2 - he-custom3 : host expansion customizable alarm 3 - he-custom4 : host expansion customizable alarm 4 - he-custom5 : host expansion customizable alarm 5 - he-custom6 : host expansion customizable alarm 6 - custom6 : customizable alarm 6 - custom7 : customizable alarm 7 - custom8 : customizable alarm 8 - custom9 : customizable alarm 9 - custom10 : customizable alarm 10 - custom11 : customizable alarm 11 - custom12 : customizable alarm 12 - custom13 : customizable alarm 13 - custom14 : customizable alarm 14 - custom15 : customizable alarm 15 - custom16 : customizable alarm 16 - custom17 : customizable alarm 17 - loss-swo-cap : switch over capability in a redundant system - ping-check-fail : ping check in a redundant system - der-temp1 : Derived Alarm for Temporal Filter 1 - der-temp2 : Derived Alarm for Temporal Filter 2 - der-temp3 : Derived Alarm for Temporal Filter 3 - der-temp4 : Derived Alarm for Temporal Filter 4 - der-temp5 : Derived Alarm for Temporal Filter 5 - der-temp6 : Derived Alarm for Temporal Filter 6 - der-temp7 : Derived Alarm for Temporal Filter 7 - der-temp8 : Derived Alarm for Temporal Filter 8 - der-temp9 : Derived Alarm for Temporal Filter 9 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - der-temp10 : Derived Alarm for Temporal Filter 10 - der-temp11 : Derived Alarm for Temporal Filter 11 - der-temp12 : Derived Alarm for Temporal Filter 12 - der-temp13 : Derived Alarm for Temporal Filter 13 - der-temp14 : Derived Alarm for Temporal Filter 14 - der-temp15 : Derived Alarm for Temporal Filter 15 - der-temp16 : Derived Alarm for Temporal Filter 16 - der-temp17 : Derived Alarm for Temporal Filter 17 - der-temp18 : Derived Alarm for Temporal Filter 18 - der-temp19 : Derived Alarm for Temporal Filter 19 - der-temp20 : Derived Alarm for Temporal Filter 20 - der-temp21 : Derived Alarm for Temporal Filter 21 - der-temp22 : Derived Alarm for Temporal Filter 22 - der-temp23 : Derived Alarm for Temporal Filter 23 - der-temp24 : Derived Alarm for Temporal Filter 24 - der-temp25 : Derived Alarm for Temporal Filter 25 - der-temp26 : Derived Alarm for Temporal Filter 26 - der-temp27 : Derived Alarm for Temporal Filter 27 - der-temp28 : Derived Alarm for Temporal Filter 28 - der-temp29 : Derived Alarm for Temporal Filter 29 - der-temp30 : Derived Alarm for Temporal Filter 30 - der-temp31 : Derived Alarm for Temporal Filter 31 - der-spa1 : Derived Alarm for Spatial Filter 1 - der-spa2 : Derived Alarm for Spatial Filter 2 - der-spa3 : Derived Alarm for Spatial Filter 3 - der-spa4 : Derived Alarm for Spatial Filter 4 - der-spa5 : Derived Alarm for Spatial Filter 5 - der-spa6 : Derived Alarm for Spatial Filter 6 - der-spa7 : Derived Alarm for Spatial Filter 7 - der-spa8 : Derived Alarm for Spatial Filter 8 - der-spa9 : Derived Alarm for Spatial Filter 9 - der-spa10 : Derived Alarm for Spatial Filter 10 - der-spa11 : Derived Alarm for Spatial Filter 11 - der-spa12 : Derived Alarm for Spatial Filter 12 - der-spa13 : Derived Alarm for Spatial Filter 13 - der-spa14 : Derived Alarm for Spatial Filter 14 - der-spa15 : Derived Alarm for Spatial Filter 15 - der-spa16 : Derived Alarm for Spatial Filter 16 - der-spa17 : Derived Alarm for Spatial Filter 17 - der-spa18 : Derived Alarm for Spatial Filter 18 - der-spa19 : Derived Alarm for Spatial Filter 19 - der-spa20 : Derived Alarm for Spatial Filter 20 - der-spa21 : Derived Alarm for Spatial Filter 21 - der-spa22 : Derived Alarm for Spatial Filter 22 - der-spa23 : Derived Alarm for Spatial Filter 23 - der-spa24 : Derived Alarm for Spatial Filter 24 - der-spa25 : Derived Alarm for Spatial Filter 25 - der-spa26 : Derived Alarm for Spatial Filter 26 - der-spa27 : Derived Alarm for Spatial Filter 27 - der-spa28 : Derived Alarm for Spatial Filter 28 - der-spa29 : Derived Alarm for Spatial Filter 29 - der-spa30 : Derived Alarm for Spatial Filter 30 - der-spa31 : Derived Alarm for Spatial Filter 31 - apsf-alarm : Applique Power Supply Failure - custextalarm1 : Customizable External Alarm Number 1 - custextalarm2 : Customizable External Alarm Number 2 - custextalarm3 : Customizable External Alarm Number 3 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - custextalarm4 : Customizable External Alarm Number 4 - custextalarm5 : Customizable External Alarm Number 5 - pluginfan : REM Fan Alarm - plugin-dc-a : REM DC A Alarm - plugin-dc-b : REM DC B Alarm - plugin-dg : Dying Gasp Alarm - ntr-a-loss : NTR-A signal is not available - ntr-b-loss : NTR-B signal is not available - xvps-conf-loss : xvps configuration loss - mac-entry-nofree : no free mac entry in the mac table on lt board - fibre-conn-mismatch : REM Fibre Connection Mismatch Alarm - link-cap-mismatch : Link speed capability mismatch - eqpt-cap-mismatch : Link equipment capability mismatch - ctrl-dnld-failure : Controller card download failure - melt-hw-issue : MELT hardware issue - melt-board-reset : MELT board reset - board-shelf-mismatch : board type and shelf type mismatch - mgnt-type-mismatch : Board management type mismatch - fileserv-unavail : file transfer Server unavailable or file transfer failed - shdsl-n-loopback : loopback active at the network side - shdsl-c-loopback : loopback active at the customer side - shdsl-conferr : configuration error - shdsl-atm-lcd : loss of atm cell delineation - shdsl-lpr : loss of power at stu-r - shdsl-secu-err : unable to disable stu-r access - shdsl-dev-fault : device fault - shdsl-atm-ncd : no atm cell delineation - shdsl-n-losw : loss of sync word at the network side on each pair - shdsl-c-losw : loss of sync word at the customer side on each pair - shdsl-n-aten : loop attenuation alarm at the network side on each pair - shdsl-c-aten : loop attenuation alarm at the customer side on each pair - shdsl-n-snr : snr margin alarm at the network side each pair - shdsl-c-snr : snr margin alarm at the customer side on each pair - shdsl-n-dccont : dc continuity fault at the network side on each pair - shdsl-c-dccont : dc continuity fault at the customer side on each pair - shdsl-c-actfail : activation failure at the customer side on each pair - e1-fe-rai : Receiving Remote Alarm Indication - e1-ne-rai : Transmitting Remote Alarm Indication - e1-fe-ais : Receiving Alarm Indication Signal - e1-ne-ais : Transmitting Alarm Indication Signal - e1-lof : E1 Loss of frame - e1-los : E1 Loss of Signal - e1-loopback : E1 facility in loopback - ima-grp-fe-su : far-end starting up - ima-grp-fe-cfg : far-end failed configuration - ima-grp-ne-cfg : near-end failed configuration 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - ima-grp-fe-nl : insufficient number of links at far-end - ima-grp-ne-nl : insufficient number of links at near-end - ima-grp-fe-blk : far-end is blocked - ima-lnk-lif : loss of ima frame - ima-lnk-lods : link out of delay synchronization - ima-lnk-misc : link misconnect - ima-lnk-rfi : link remote failure indication - ima-lnk-fault : fault in link facility - ima-lnk-txblk : transmit blocked due to far-end - ima-lnk-rxblk : receive blocked due to far-end - bad-digitmap : Configured digitmap is unusable - dhcp-unreach : The DHCP server is unreachable - dhcp-no-srv : The address in DHCP reply is NULL - dhcp-inv-srv : The address in DHCP reply is invalid - norpniewithsoftdsp : do not plan / plug-in RPNI-E board with SoftDsp SW image - unknown-sub : subscriber exist in the POLT, but not in the appl server - ground-key : Return current to the ground - port-hightemp : Temperature threshold on user port exceeded. - port-jbfltca : JB fill level threshold on user port exceeded. - reg-domainname : Registration failure (resolving domain name). - reg-auth : Registration failure (authentication). - reg-timeout : Registration failure (message timeout). - reg-srvfailresp : Registration failure (failure response from server). - inv-domainname : Invitation failure (resolving domain name). - inv-auth : Invitation failure (authentication). - inv-timeout : Invitation failure (message timeout). - inv-srvfailresp : Invitation failure (failure response from server). - subs-srvfailresp : Subscribe failure (failure response from server). - subs-domainname : Subscribe failure (resolving domain name). - subs-auth : Subscribe failure (authentication). - subs-refreshfail : Subscribe failure (refresh failure). - subs-inittimeout : Subscribe failure (initial REQ timeout). - emergency-call : Emergency call for SIP POTS is ongoing. - elsip-reg-domainname : E1 sip termination registration failure (resolving domain name). - elsip-reg-auth : E1 sip termination registration failure (authentication). - elsip-reg-timeout : E1 sip termination registration failure (message timeout). - elsip-reg-srvfailresp : E1 sip termination registration failure (failure response from server). - elsip-inv-domainname : E1 sip termination invitation failure (resolving domain name). - elsip-inv-auth : E1 sip termination invitation failure (authentication). - elsip-inv-timeout : E1 sip termination invitation failure (message timeout). - elsip-inv-srvfailresp : E1 sip invitation failure (failure 	

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Parameter	Type	Description
	<p>response from server).</p> <ul style="list-style-type: none"> - elsip-emergency-call : Emergency call for ISDN PRA/CAS R2 is ongoing. - elitf-ais-signal : Alarm Indication Signal detected at E1 interface. - elitf-los-signal : Loss Of Signal detected at E1 interface. - elitf-rai-signal : Remote Alarm Indication detected at E1 interface. - elsip-misconfig-mgc10 : Configuration not conform with the core network entity. - elsip-nsmprf-missed : The SIP termination requires a NSM profile. - eltlitf-recv-ais : Alarm Indication Signal received at interface. - eltlitf-recv-los : Loss Of Signal received at interface. - eltlitf-recv-rai : Remote Alarm Indication received at interface. - transport-mismatch : Transport protocol mismatch - dns-lookup-failure : Dns look up failure - none-dns-srv : No reply for all DNS serverd - no-dns-srv : No DNS servers configured - none-srv : No reply for all SIP First Hops - no-srv : No SIP First Hop configured - reg-srv-unreach : All SIP register servers are unreachable - proxy-srv-unreach : All SIP proxy servers are unreachable - dhcp-srv-unreach : The DHCP server is unreachable on this board - fo-trigger : Fail Over Triggered - fb-trigger : Fail Back Triggered - du-trigger : Deliberate Update Triggered - ssp-missing : SSP Missing in CDE - dns-pool-exceed : Number of different SG associated DNS pools exceed - lsa-fo-trigger : SIP voice service degraded - fail-over to LSA server - reg-domainname-sec : Registration failure (resolving domain name). - reg-auth-sec : Registration failure (authentication). - reg-timeout-sec : Registration failure (message timeout). - reg-srvfailresp-sec : Registration failure (failure response from server). - inv-domainname-sec : Invitation failure (resolving domain name). - inv-auth-sec : Invitation failure (authentication). - inv-timeout-sec : Invitation failure (message timeout). - inv-srvfailresp-sec : Invitation failure (failure response from server). - subs-srvfailresp-sec : Subscribe failure (failure response from server). - subs-domainname-sec : Subscribe failure (resolving domain name). - subs-auth-sec : Subscribe failure (authentication). - subs-refreshfail-sec : Subscribe failure (refresh failure). - subs-inittimeout-sec : Subscribe failure (initial REQ timeout). - emergency-call-sec : Emergency call for Secondary Termination is ongoing. 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - fanout : Lt load overflow - up-overflow : Upstream load overflow - upobc-overflow : Upstream load to OBC overflow - dwobc-overflow : Downstream load to OBC overflow - dw-overflow : Downstream load overflow - lwpri-overflow : The number of BE and CL pkts dropped exceed threshold - queue-drop : The number of pkts dropped by queue exceeds threshold - queue-load : The queue load exceeds threshold - queue-peak-usage : The queue peak usage exceeds threshold - mgc-unreachable : loss of contact with the media gateway controller - failover-to-esamgc : failover to esa mgc - sgc-unreachable : loss of contac with signaling gateway controller - lcard-unreach-srvcard : line card unreachable with server card - lcard-type-mismatch : associate board of wrong type - meg-unknown-sub : the megaco subscriber is unknown - meg-ground-key : voice port ground key - meg-high-temp : voice port high temperature - meg-act-fail : the first link layer for isdn subscriber activation failure - meg-over-current : voice port over current - line-showering : line showering - low-qos-packetloss : the total packet loss has exceeded the configured threshold - low-qos-jitter : the rtp jitter has exceeded the configured threshold - low-qos-delay : the rtp delay has exceeded the configured threshold - sig-brd-persist-loss : voice signaling board persistent data loss - sig-brd-disk-full : voice signaling board disk 90% full - sig-brd-db-rollback : voice signaling board db rollback - mg-overload : mg overload - meg-unknown-sub-sec : The Megaco subscriber exists in voice signaling board but not in media gateway controller. - line-showering-sec : A subscriber line exceeds 20 off-hook / on-hook events / minute. - loss-env-mon : env-monitor box lost or not alive - etca-los : loss of signal errors in 15 min - etca-fcs : frame check sequence errors in 15 min - etca-day-los : loss of signal errors in 1 day - etca-day-fcs : frame check sequence errors in 1 day - etca-rx-octets : received octets in 15 min - etca-tx-octets : transmitted octets in 15 min - etca-day-rx-octets : received octets in 1 day - etca-day-tx-octets : transmitted octets in 1 day - user-sfp-los : user sfp loss of signal - user-sfp-tx-fail : user sfp tx failure - user-sfp-not-prst : user sfp not detected - user-sfp-inv-id : user sfp invalid id - user-sfp-t-exceed : user sfp temperature exceed - user-sfp-mismatch : user sfp mismatch the configured type 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - uplink-sfp-los : uplink sfp loss of signal - uplink-sfp-tx-fail : uplink sfp tx failure - uplink-sfp-not-prst : uplink sfp not detected - uplink-sfp-inv-id : uplink sfp invalid id - uplink-sfp-t-exceed : uplink sfp temperature exceed - uplink-sfp-mismatch : uplink sfp mismatch the configured type - loss-lsmwp-cap : lsm redundancy - inv-xvps-pair-data : invalid xvps pair redundancy data - network-power-loss : Loss of Network Power - hw-fault : Hardware Failure - bat-miss : Power Source Battery Missing - bat-fail : Power Source Battery Failure - bat-low : Power Source Battery Charge LOW - bat-a-fail : Power Source BAT-A Fail - bat-b-fail : Power Source BAT-B Fail - ac-vol-out-range : AC Input Voltage Value Out of Range - network-power-loss-b : Loss of Network Power B - sem-ac-power-fail : External AC power supply failure - sem-ups-low-volt : External power supply low voltage - dc-a-fail : Local DC A power failure - dc-b-fail : Local DC B power failure - plan-power-mismatch : Planned and detected power mode mismatch - water-seepage-in-box : Detected water seepage in enclosure - sealed-box-open : Sealed box open detected - dc-a-vol-out-range : DC A Input Voltage Value Out of Range - dc-b-vol-out-range : DC B Input Voltage Value Out of Range - inlet-temp-major : The inlet temperature has exceeded a major level - inlet-temp-critical : The inlet temperature has exceeded a critical level - psu-fail-crit : Power Supply failure - psu-a-fail-presence : Power Supply A is not present - psu-a-fail-vin-ac-nok : Power Supply A has Vin AC fault - psu-a-fail-vin-uv : Power Supply A has Vin undervoltage - psu-a-fail-vin-ov : Power Supply A has Vin overvoltage - psu-a-fail-vout-uv : Power Supply A has Vout undervoltage - psu-a-fail-vout-ov : Power Supply A has Vout overvoltage - psu-a-fail-iout-oc : Power Supply A has Iout overcurrent - psu-a-fail-ovtemp : Power Supply A has over temperature - psu-b-fail-presence : Power Supply B is not present - psu-b-fail-vin-ac-nok : Power Supply B has Vin AC fault - psu-b-fail-vin-uv : Power Supply B has Vin undervoltage - psu-b-fail-vin-ov : Power Supply B has Vin overvoltage - psu-b-fail-vout-uv : Power Supply B has Vout undervoltage - psu-b-fail-vout-ov : Power Supply B has Vout overvoltage - psu-b-fail-iout-oc : Power Supply B has Iout overcurrent - psu-b-fail-ovtemp : Power Supply B has over temperature - synce-fail : synce clock source failure 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - bits-fail : bits clock source failure - bits-output-shutoff : bits output failure - ieee1588-fail : ieee1588 clock source failure - gnss-fail : gnss clock source failure - ieee1588-hybrid-fail : ieee1588 hybrid tod source failure - signal-loss : synce or bits clock signal loss - signal-efd : synce or bits clock signal exceed frequency deviation - esmc-loss : clock source loss SSM infomation - bits-output-exceed : exceed bits output threshold - ql-input-exceed : exceed input clock source threshold - holdover : clock system is in the holdover - lti : all clock source failed - tod-reference-fail : Timing ToD Reference failed - internal-clk-fail : Internal CLK failed - bgp-peer-down : peer operational state is down - bgp-routes-mid-limit : 90% of max nbr of routes BGP can learn from a peer is reached - isis-adjacency-down : isis adjacency is down - isis-adjacency-reject : isis adjacency is rejected - isis-instance-down : isis instance is down or not - ospf-lsa-limit : limit of received LSA's is reached - ospf-lsa-mid-limit : 90% of limit of received LSA's is reached - ospf-neighbor-down : OSPF neighbour is down - ospf-instance-down : OSPF instance is down or not - ospf3-lsa-limit : limit of received OSPFv3 LSAs is reached - ospf3-lsa-mid-limit : 90% of limit of received OSPFv3 LSAs is reached - ospf3-neighbor-down : OSPFv3 neighbour is down - ospf3-instance-down : OSPFv3 instance is down or not - rip-instance-down : rip instance down - lag-down : lag down - lagsubgrp-thresh-reach: lag subgroup threshold reached - lagsubgrp-switch-fail : lag subgroup switchover failed - no-unpinned-free-ports: No free ports available for unpinned traffic - general-arp-limit : arp limit exceeded - gen-switch-out-of-res : failure due to lack of resources on switch - ipv6-nc-limit : ipv6 neighbor cache limit exceeded - dhcp-session-oor : dhcp session out of resources - ihub-fdb-limit : layer 2 fdb limit reached - ihub-mac-limit : layer 2 mac limit reached - l2fw-stp-exception : STP exception condition is present in the SAP - l2fw-stp-root-guard : STP root guard violation is present - vprn-routes-limit : limit of ip is reached - vprn-ipv6-routes-limit: limit of ipv6 is reached - dhcpv6-lease-limit : limit of dhcpv6 leases is reached - dhcpv4-lease-limit : limit of dhcpv4 leases is reached - vpls-mfib-limit : limit of fib table is reached - ihub-ipv6-dad-own : duplicate IPV6 address is detected for IP address allotted to system - ihub-ipv6-dad : duplicate IPV6 address is detected for a user's IP address - ihub-ipv6-dup-pd-route: ipv6 duplicate pd detected 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - vpls-duplicate-mac : duplicate mac address is detected - vpls-fdb-limit : limit of fdb table is reached - vpls-self-duplic-mac : duplicate of a system owned mac address detected on a sap - vpls-sdp-self-dup-mac : duplicate of a system owned mac address detected on a sdp binding - link-down : link is down - link-lagport-add-fail : failure to add port to LAG - link-conf-mismatch : SFP+plugin-types does not match the planned speed and/or auto-negotiation for the port - ihub-peer-comm : ihub peer to peer communication failure - ihub-sw-fail : IHUB s/w error - ihub-hw-fail : IHUB h/w error - ihub-link-fail : IHUB link failure - ihub-proc-overload : IHUB processor exceeded - ihub-out-of-mem : IHUB processor out of memory - ntp-comm-lost : No response is received from the NTP servers - ldp-instance-down : ldp instance down - ldp-session-down : ldp session down - mpls-instance-down : mpls instance down - mpls-lsp-down : lsp down - mpls-lsp-path-down : lsp path down - sdp-instance-down : sdp instance down - sdp-binding-down : sdp binding down - epipe-instance-down : epipe instance down - lldpmed-portcfg-mis : config request failure for lldpmed portconfig - lldpmed-mediapl-mis : config request failure for lldpmed mediapolicy - vlanport-svc-mismatch : config request failure for the provisioned vlanport - mcsrc-stream-lost : multicast video stream lost - eqptsupl-syslog-upload: upload of log file to remote server failure - eqptsupl-ontsw-dnload : ont sw download in progress - cf-75%used : Compact flash exceeds 75% of life expectancy - cf-90%used : Compact flash exceeds 90% of life expectancy - olt-gen-pon-com-fail : pon communication failure on olt - olt-gen-tx-fail : transmitter failure on olt - olt-gen-unprov-ont : unprovisioned ont on pon - olt-gen-pon-eqpt-prov : mismatch btw equipment and provisioning pon attributes - olt-gen-pon-loss-sig : pon loss of signal - olt-gen-pon-diagnostic: pon diagnostic test active - olt-gen-loid-conflict : loid conflict ont on pon - olt-gen-loid-pwderr : loid password error ont on pon - olt-gen-pon-alien-test: pon alien diagnostic test active - olt-gen-alien-detect : pon alien detect active - olt-gen-rng-mism : pon ranging mismatch active - olt-gen-sfp-mism : pon sfp mismatch active - olt-gen-deact-hightca : deactivated ont hightca threshold crossed - olt-gen-deact-lowtca : deactivated ont lowtca threshold crossed 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - olt-gen-dp-integ : pon data path integrity failure - olt-gen-ddr-fault : pon failure due to ddr fault - olt-pon-tc-err-frag-tc: pon errored fragments threshold crossed - olt-ont-tc-err-frag-tc: ont errored fragments threshold crossed - ont-ploam-loss-sig : loss of signal at ont - ont-ploam-loss-ack : loss of acknowledge from ont - ont-ploam-loss-cd : loss of channel delineation of ont - ont-ploam-phy-eqpt-err: physical equipment error of ont - ont-ploam-startup-fail: startup failure in ranging of ont - ont-ploam-sig-degrade : signal degrade from ont - ont-ploam-disabled : ont disabled alarm - ont-ploam-err-msg : error message from ont - ont-ploam-inactive : inactive ont - ont-ploam-sig-fail : signal fail alarm from ont - ont-ploam-dying-gasp : dying gasp alarm from ont - ont-ploam-deact-fail : deactive failure of ont - ont-ploam-oam : loss of ploam for ont - ont-ploam-win-drift : drift of window alarm - ont-ploam-rdi : remote defect indication alarm - ont-ploam-loss-ks : loss of key synchronization alarm - ont-ploam-pwr-burst : power bursts on ont - ont-ploam-rog-disa : ont rogue disabled - ont-ploam-diff-reach : ont differential reach exceeded - ont-ploam-looc : Loss of OMCI channel due to persistent MIC failure - sfu-ploam-loss-sig : SFU ONT - loss of signal at ont - sfu-ploam-loss-ack : SFU ONT - loss of acknowledge from ont - sfu-ploam-loss-cd : SFU ONT - loss of channel delineation of ont - sfu-ploam-phy-eqpt-err: SFU ONT - physical equipment error of ont - sfu-ploam-startup-fail: SFU ONT - startup failure in ranging of ont - sfu-ploam-sig-degrade : SFU ONT - signal degrade from ont - sfu-ploam-disabled : SFU ONT - ont disabled alarm - sfu-ploam-err-msg : SFU ONT - error message from ont - sfu-ploam-inactive : SFU ONT - inactive ont - sfu-ploam-sig-fail : SFU ONT - signal fail alarm from ont - sfu-ploam-dying-gasp : SFU ONT - dying gasp alarm from ont - sfu-ploam-deact-fail : SFU ONT - deactive failure of ont - sfu-ploam-oam : SFU ONT - loss of ploam for ont - sfu-ploam-win-drift : SFU ONT - drift of window alarm - sfu-ploam-rdi : SFU ONT - remote defect indication alarm - sfu-ploam-loss-ks : SFU ONT - loss of key synchronization alarm - sfu-ploam-pwr-burst : SFU ONT - power bursts on ont - sfu-ploam-rog-disa : SFU ONT - ont rogue disabled - sfu-ploam-diff-reach : SFU ONT - ont differential reach exceeded - sfu-ploam-looc : SFU ONT - Loss of OMCI channel due to persistent MIC failure - soho-ploam-loss-sig : SOHO ONT - loss of signal at ont 	

3 Alarm Configuration Commands

Parameter	Type	Description
	<ul style="list-style-type: none"> - soho-ploam-loss-ack : SOHO ONT - loss of acknowledge from ont - soho-ploam-loss-cd : SOHO ONT - loss of channel delineation of ont - soho-ploam-phy-eqpt-er: SOHO ONT - physical equipment error of ont - soho-ploam-startup-fai: SOHO ONT - startup failure in ranging of ont - soho-ploam-sig-degrade: SOHO ONT - signal degrade from ont - soho-ploam-disabled : SOHO ONT - ont disabled alarm - soho-ploam-err-msg : SOHO ONT - error message from ont - soho-ploam-inactive : SOHO ONT - inactive ont - soho-ploam-sig-fail : SOHO ONT - signal fail alarm from ont - soho-ploam-dying-gasp : SOHO ONT - dying gasp alarm from ont - soho-ploam-deact-fail : SOHO ONT - deactive failure of ont - soho-ploam-oam : SOHO ONT - loss of ploam for ont - soho-ploam-win-drift : SOHO ONT - drift of window alarm - soho-ploam-rdi : SOHO ONT - remote defect indication alarm - soho-ploam-loss-ks : SOHO ONT - loss of key synchronization alarm - soho-ploam-pwr-burst : SOHO ONT - power bursts on ont - soho-ploam-rog-disa : SOHO ONT - ont rogue disabled - soho-ploam-diff-reach : SOHO ONT - ont differential reach exceeded - soho-ploam-looc : SOHO ONT - Loss of OMCI channel due to persistent MIC failure - mdu-ploam-loss-sig : MDU ONT - loss of signal at ont - mdu-ploam-loss-ack : MDU ONT - loss of acknowledge from ont - mdu-ploam-loss-cd : MDU ONT - loss of channel delineation of ont - mdu-ploam-phy-eqpt-err: MDU ONT - physical equipment error of ont - mdu-ploam-startup-fail: MDU ONT - startup failure in ranging of ont - mdu-ploam-sig-degrade : MDU ONT - signal degrade from ont - mdu-ploam-disabled : MDU ONT - ont disabled alarm - mdu-ploam-err-msg : MDU ONT - error message from ont - mdu-ploam-inactive : MDU ONT - inactive ont - mdu-ploam-sig-fail : MDU ONT - signal fail alarm from ont - mdu-ploam-dying-gasp : MDU ONT - dying gasp alarm from ont - mdu-ploam-deact-fail : MDU ONT - deactive failure of ont - mdu-ploam-oam : MDU ONT - loss of ploam for ont - mdu-ploam-win-drift : MDU ONT - drift of window alarm - mdu-ploam-rdi : MDU ONT - remote defect indication alarm - mdu-ploam-loss-ks : MDU ONT - loss of key 	

Parameter	Type	Description
	<p>synchronization alarm</p> <ul style="list-style-type: none"> - mdu-ploam-pwr-burst : MDU ONT - power bursts on ont - mdu-ploam-roq-disa : MDU ONT - ont rogue disabled - mdu-ploam-diff-reach : MDU ONT - ont differential reach exceeded - mdu-ploam-looc : MDU ONT - Loss of OMCI channel due to persistent MIC failure - ont-hpna-ser-mis : hpna ont service mismatch - ont-hpna-los-sig : hpna loss of link - ont-moca-svc-mis : moca ont service mismatch - ont-moca-link-los : moca loss of link - ont-moca-min-bw : moca bw between nodes less than minimum bw - ont-moca-tca-rx-err-fr: moca rx errored frames threshold crossed - ont-sipa-reg-nm-fail : sipua registration name failed - ont-sipa-reg-rec-fail : sipua register reach failed - ont-sipa-reg-con-fail : sipua register connect failed - ont-sipa-reg-val-fail : sipua register validation failed - ont-sipa-reg-mis : sipua register mismatch - ont-vcd-cfg-nm-fail : vcd config name failed - ont-vcd-cfg-rech-fail : vcd config reach failed - ont-vcd-cfg-conn-fail : vcd config connect failed - ont-vcd-cfg-vali-fail : vcd config validation failed - ont-vcd-cfg-auth-fail : vcd config authentication failed - ont-vcd-cfg-resp-tmout: vcd config response timeout - ont-vcd-cfg-resp-err : vcd config response error - ont-vcd-cfg-file-err : vcd config file error - ont-vcd-sub-nm-fail : vcd subscription name failed - ont-vcd-sub-rech-fail : vcd subscription reach failed - ont-vcd-sub-conn-fail : vcd subscription connect failed - ont-vcd-sub-vali-fail : vcd subscription validation failed - ont-vcd-sub-auth-fail : vcd subscription authentication failed - ont-vcd-sub-resp-tmout: vcd subscription response timeout - ont-vcd-sub-resp-err : vcd subscription response error - ont-vcd-reb-requ : vcd reboot request - ont-vcd-mis : vcd mismatch - ont-mgc-mis : ont mgc mismatch - ont-mgc-timeout : ont mgc timeout - ont-sip-reg-dns : ont services pots sip registration failed (resolving domain name) - ont-sip-reg-fail : ont services pots sip registration authentication failed - ont-sip-reg-timeout : ont services pots sip registration timeout - ont-sip-reg-err-resps : ont services pots sip registration response error - ont-sip-inv-dns : ont services pots sip invitation failed (resolving domain name) - ont-sip-inv-auth : ont services pots sip invitation authentication failed - ont-sip-inv-timeout : ont services pots sip invitation timeout - ont-sip-inv-err : ont services pots sip invitation response error - ont-svc-pots-subs-refr: ont services pots iconfig 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> subscription could not be refreshed - ont-svc-pots-not-refr : ont services pots iconfig notification could not be refreshed - ont-svc-pots-icfg-err : ont services pots service failed due to an unmapped iconfig error - ont-veip-mismatch : ont veip mismatch - ont-ip-host-mismatch : ont ip host mismatch - ont-ip-host-file : ont ip host file unavailable - ont-ip-host-ip-alloc : ont ip host IP allocation failure - olt-pon-up-bw-tca : OLT PON upstream bandwidth TCA - olt-pon-down-bw-tca : OLT PON downstream bandwidth TCA - ont-gen-omci-fail : loss of communication - ont-gen-eqpt-selftest : ont self-test failure - ont-gen-ac-pwr-fail : ac power failure on ont - ont-gen-bat-missing : battery missing - ont-gen-bat-low : battery low - ont-gen-bat-fail : battery failure - ont-gen-phys-intrusion: physical intrusion - ont-gen-sw-dnload-f : ont sw download failure - ont-gen-sw-dnload-p : ont sw download in progress - ont-gen-sw-act-fail : ont sw activation failure - ont-gen-eqpt-vers-mis : ont equipment version mismatch - ont-gen-sw-vers-mis : ont sw version mismatch - ont-gen-us-rate-mis : ont upstream rate mismatch - ont-gen-mdu-env1 : mdu environmental alarm#1 - ont-gen-mdu-env2 : mdu environmental alarm#2 - ont-gen-mdu-env3 : mdu environmental alarm#3 - ont-gen-nw-time-err : network timing protocol error - ont-gen-opt-sig-high : optical signal level too high - ont-gen-opt-sig-low : optical signal level too low - ont-gen-eqpt-prov-sa : service affecting mismatch btw equipment and provisioning attributes - ont-gen-eqpt-prov-nsa : non service affecting mismatch btw equipment and provisioning attributes - pon-t-txmcutilhi : pon utilization tx (downstream) multicast high threshold crossed - pon-t-txmcutilmd : pon utilization tx (downstream) multicast medium threshold crossed - pon-t-txmcutillo : pon utilization tx (downstream) multicast low threshold crossed - pon-t-txtotutilhi : pon utilization tx (downstream) total high threshold crossed - pon-t-txtotutilmd : pon utilization tx (downstream) total medium threshold crossed - pon-t-txtotutillo : pon utilization tx (downstream) total low threshold crossed - pon-t-rxtotutilhi : pon utilization rx (upstream) total high threshold crossed - pon-t-rxtotutilmd : pon utilization rx (upstream) total medium threshold crossed - pon-t-rxtotutillo : pon utilization rx (upstream) total low threshold crossed - pon-t-dbacongperiodhi : pon utilization rx (upstream) dbacongperiod high threshold crossed - pon-t-dbacongperiodmd : pon utilization rx (upstream) dbacongperiod medium threshold crossed 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - pon-t-dbacongperiodlo : pon utilization rx (upstream) dbacongperiod low threshold crossed - pon-t-txucdropfrmhi : pon utilization tx (downstream) unicast drop frame high threshold crossed - pon-t-txucdropfrmmd : pon utilization tx (downstream) unicast drop frame medium threshold crossed - pon-t-txucdropfrmlo : pon utilization tx (downstream) unicast drop frame low threshold crossed - pon-t-txmcdropfrmhi : pon utilization tx (downstream) multicast drop frame high threshold crossed - pon-t-txmcdropfrmmd : pon utilization tx (downstream) multicast drop frame medium threshold crossed - pon-t-txmcdropfrmlo : pon utilization tx (downstream) multicast drop frame low threshold crossed - pon-t-txbcdropfrmhi : pon utilization tx (downstream) broadcast drop frame high threshold crossed - pon-t-txbcdropfrmmd : pon utilization tx (downstream) broadcast drop frame medium threshold crossed - pon-t-txbcdropfrmlo : pon utilization tx (downstream) broadcast drop frame low threshold crossed - pon-t-rxtotdropfrmhi : pon utilization rx (upstream) total drop frame high threshold crossed - pon-t-rxtotdropfrmmd : pon utilization rx (upstream) total drop frame medium threshold crossed - pon-t-rxtotdropfrmlo : pon utilization rx (upstream) total drop frame low threshold crossed - chpr-t-txmcutilhi : channel-pair utilization tx (downstream) multicast high threshold crossed - chpr-t-txmcutilmd : channel-pair utilization tx (downstream) multicast medium threshold crossed - chpr-t-txmcutillo : channel-pair utilization tx (downstream) multicast low threshold crossed - chpr-t-txtotutilhi : channel-pair utilization tx (downstream) total high threshold crossed - chpr-t-txtotutilmd : channel-pair utilization tx (downstream) total medium threshold crossed - chpr-t-txtotutillo : channel-pair utilization tx (downstream) total low threshold crossed - chpr-t-rxtotutilhi : channel-pair utilization rx (upstream) total high threshold crossed - chpr-t-rxtotutilmd : channel-pair utilization rx (upstream) total medium threshold crossed - chpr-t-rxtotutillo : channel-pair utilization rx (upstream) total low threshold crossed - chpr-t-dbacongperiodhi: channel-pair utilization rx (upstream) dbacongperiod high threshold crossed - chpr-t-dbacongperiodmd: channel-pair utilization rx (upstream) dbacongperiod medium threshold crossed - chpr-t-dbacongperiodlo: channel-pair utilization rx (upstream) dbacongperiod low threshold crossed - chpr-t-txucdropfrmhi : channel-pair utilization tx (downstream) unicast drop frame high threshold crossed - chpr-t-txucdropfrmmd : channel-pair utilization tx (downstream) unicast drop frame medium threshold crossed - chpr-t-txucdropfrmlo : channel-pair utilization tx (downstream) unicast drop frame low threshold crossed - chpr-t-txmcdropfrmhi : channel-pair utilization tx 	

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Parameter	Type	Description
	(downstream) multicast drop frame high threshold crossed - chpr-t-txmcdropfrmmd : channel-pair utilization tx (downstream) multicast drop frame medium threshold crossed - chpr-t-txmcdropfrmlo : channel-pair utilization tx (downstream) multicast drop frame low threshold crossed - chpr-t-txbcdropfrmhi : channel-pair utilization tx (downstream) broadcast drop frame high threshold crossed - chpr-t-txbcdropfrmmd : channel-pair utilization tx (downstream) broadcast drop frame medium threshold crossed - chpr-t-txbcdropfrmlo : channel-pair utilization tx (downstream) broadcast drop frame low threshold crossed - chpr-t-rxtotdropfrmhi : channel-pair utilization rx (upstream) total drop frame high threshold crossed - chpr-t-rxtotdropfrmmd : channel-pair utilization rx (upstream) total drop frame medium threshold crossed - chpr-t-rxtotdropfrmlo : channel-pair utilization rx (upstream) total drop frame low threshold crossed - sfu-gen-omci-fail : SFU ONT - loss of communication - sfu-gen-eqpt-selftest : SFU ONT - ont self-test failure - sfu-gen-ac-pwr-fail : SFU ONT - ac power failure on ont - sfu-gen-bat-missing : SFU ONT - battery missing - sfu-gen-bat-low : SFU ONT - battery low - sfu-gen-bat-fail : SFU ONT - battery failure - sfu-gen-sw-dnload-f : SFU ONT - ont sw download failure - sfu-gen-sw-dnload-p : SFU ONT - ont sw download in progress - sfu-gen-sw-act-fail : SFU ONT - ont sw activation failure - sfu-gen-eqpt-vers-mis : SFU ONT - ont equipment version mismatch - sfu-gen-sw-vers-mis : SFU ONT - ont sw version mismatch - sfu-gen-us-rate-mis : SFU ONT - ont upstream rate mismatch - sfu-gen-tune-fail : SFU ONT - ont has failed to tune to Target-ChnlPair - sfu-gen-nw-time-err : SFU ONT - network timing protocol error - sfu-gen-opt-sig-high : SFU ONT - optical signal level too high - sfu-gen-opt-sig-low : SFU ONT - optical signal level too low - sfu-gen-eqpt-prov-sa : SFU ONT - service affecting mismatch btw equipment and provisioning attributes - sfu-gen-eqpt-prov-nsa : SFU ONT - non service affecting mismatch btw equipment and provisioning attributes - soho-gen-omci-fail : SOHO ONT - loss of communication - soho-gen-eqpt-selftest : SOHO ONT - ont self-test failure - soho-gen-ac-pwr-fail : SOHO ONT - ac power failure on ont - soho-gen-bat-missing : SOHO ONT - battery missing - soho-gen-bat-low : SOHO ONT - battery low - soho-gen-bat-fail : SOHO ONT - battery failure - soho-gen-sw-dnload-f : SOHO ONT - ont sw download failure - soho-gen-sw-dnload-p : SOHO ONT - ont sw download in	

Parameter	Type	Description
	<ul style="list-style-type: none"> progress - soho-gen-sw-act-fail : SOHO ONT - ont sw activation failure - soho-gen-eqpt-vers-mis: SOHO ONT - ont equipment version mismatch - soho-gen-sw-vers-mis : SOHO ONT - ont sw version mismatch - soho-gen-us-rate-mis : SOHO ONT - ont upstream rate mismatch - soho-gen-tune-fail : SOHO ONT - ont has failed to tune to Target-ChnlPair - soho-gen-nw-time-err : SOHO ONT - network timing protocol error - soho-gen-opt-sig-high : SOHO ONT - optical signal level too high - soho-gen-opt-sig-low : SOHO ONT - optical signal level too low - soho-gen-eqpt-prov-sa : SOHO ONT - service affecting mismatch btw equipment and provisioning attributes - soho-gen-eqpt-prov-nsa: SOHO ONT - non service affecting mismatch btw equipment and provisioning attributes - mdu-gen-omci-fail : MDU ONT - loss of communication - mdu-gen-eqpt-selftest : MDU ONT - ont self-test failure - mdu-gen-ac-pwr-fail : MDU ONT - ac power failure on ont - mdu-gen-bat-missing : MDU ONT - battery missing - mdu-gen-bat-low : MDU ONT - battery low - mdu-gen-bat-fail : MDU ONT - battery failure - mdu-gen-phys-intrusion: MDU ONT - physical intrusion - mdu-gen-sw-dnload-f : MDU ONT - ont sw download failure - mdu-gen-sw-dnload-p : MDU ONT - ont sw download in progress - mdu-gen-sw-act-fail : MDU ONT - ont sw activation failure - mdu-gen-eqpt-vers-mis : MDU ONT - ont equipment version mismatch - mdu-gen-sw-vers-mis : MDU ONT - ont sw version mismatch - mdu-gen-us-rate-mis : MDU ONT - ont upstream rate mismatch - mdu-gen-tune-fail : MDU ONT - ont has failed to tune to Target-ChnlPair - mdu-gen-mdu-env1 : MDU ONT - mdu environmental alarm#1 - mdu-gen-mdu-env2 : MDU ONT - mdu environmental alarm#2 - mdu-gen-mdu-env3 : MDU ONT - mdu environmental alarm#3 - mdu-gen-nw-time-err : MDU ONT - network timing protocol error - mdu-gen-opt-sig-high : MDU ONT - optical signal level too high - mdu-gen-opt-sig-low : MDU ONT - optical signal level too low - mdu-gen-eqpt-prov-sa : MDU ONT - service affecting 	

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Parameter	Type	Description
	<p>mismatch btw equipment and provisioning attributes</p> <ul style="list-style-type: none"> - mdu-gen-eqpt-prov-nsa : MDU ONT - non service affecting mismatch btw equipment and provisioning attributes - ont-gen-sw-dnload-file: ont sw download file missing - ont-gen-fan-fail : ont fan failure - ont-gen-high-temp : ont high temperature - ont-gen-high-temp-ex : ont excessive high temperature - ont-gen-emergency-call: ont emergency call - ont-gen-sw-version : ont sw version control error - ont-poe-exceed-max : ont poe exceed max - ont-poe-overload-yell : ONU is nearing its maximum ability to supply the power - ont-opti-malfunc : malfunction of ONT's optical transceiver - ont-gen-cfgdld-fail : download of voice xml file to ont failed - ont-gen-rssi-mis : ONU RSSI configuration mismatch - ont-gen-tx-pwr-low : ONU SFP Tx Power is lower than configured Alarm low threshold - ont-gen-temp-high : ONU SFP Temperature is higher than configured Alarm high threshold - ont-gen-volt-high : ONU SFP Voltage is higher than configured Alarm high threshold - ont-gen-bias-high : ONU SFP Bias is higher than configured Alarm high threshold - ont-loopdetect-mis : ont loop detect mismatch - ont-olt-rx-pw-lo : olt side receive power from ont low - ont-olt-rx-pw-hig : olt side receive power from ont high - ont-olt-rx-pw-warnlo : olt side receive power from ont low warning - ont-olt-rx-pw-warnhig : olt side receive power from ont high warning - ont-gen-tod-out-sync : ONU TOD is out-sync with OLT - ont-gen-tune-fail : ONU has failed to tune to Target-ChnlPair - hgu-tr069-parm-fail : hgu tr069 parameters mismatch - ont-gen-tod-mismatch : ONU TOD MISMATCH - sfu-sup-sw-file-error : SFU ONT - Software file has error or is missing - sfu-sup-fan-failure : SFU ONT - Fan failure - sfu-sup-temp-high-warn: SFU ONT - High temperature warning - sfu-sup-temp-shutoff : SFU ONT - Service disabled due to excessive temperature - sfu-sup-emergency-call: SFU ONT - Emergency call active - sfu-sup-swverctrl-err : SFU ONT - Software version control error - sfu-sup-poe-exceed-max: SFU ONT - Configured PoE feeding exceeds ONT maximum - sfu-sup-poe-over-yell : SFU ONT - ONU is nearing its maximum ability to supply the power - sfu-opti-malfunc : SFU ONT - Malfunction of ONT's optical transceiver - sfu-sup-cfg-dnld-fail : SFU ONT - Download of voice xml file to ONT failed - sfu-sup-rssi-cfg-mism : SFU ONT - RSSI configuration 	

Parameter	Type	Description
	mismatch - sfu-sup-sfp-tx-low : SFU ONT - SFP Tx Power below configured low-level alarm threshold - sfu-sup-sfp-temp-high : SFU ONT - SFP Temperature above configured high-level alarm threshold - sfu-sup-sfp-volt-high : SFU ONT - SFP Voltage above configured high-level alarm threshold - sfu-sup-sfp-bias-high : SFU ONT - SFP Bias above configured high-level alarm threshold - sfu-sup-ld-cfg-mism : SFU ONT - Loop detection configuration mismatch - sfu-sup-olt-rx-low : SFU ONT - OLT Rx power below receiver operating range - sfu-sup-olt-rx-high : SFU ONT - OLT Rx power above receiver operating range - sfu-sup-olt-rx-lo-warn: SFU ONT - OLT Rx power below low-level warning threshold - sfu-sup-olt-rx-hi-warn: SFU ONT - OLT Rx power above high-level warning threshold - sfu-sup-tod-out-sync : SFU ONT - ONU TOD is out-sync with OLT - sfu-sup-ont-tune-fail : SFU ONT - ONU has failed to tune to Target-ChnlPair - sfu-tr069-param-fail : SFU ONT - hgu tr069 parameters mismatch - sfu-sup-tod-mismatch : SFU ONT - ONU TOD MISMATCH - soho-sup-sw-file-error: SOHO ONT - Software file has error or is missing - soho-sup-fan-failure : SOHO ONT - Fan failure - soho-sup-temp-high-war: SOHO ONT - High temperature warning - soho-sup-temp-shutoff : SOHO ONT - Service disabled due to excessive temperature - soho-sup-emergency-cal: SOHO ONT - Emergency call active - soho-sup-swverctrl-err: SOHO ONT - Software version control error - soho-sup-poe-exceed-ma: SOHO ONT - Configured PoE feeding exceeds ONT maximum - soho-sup-poe-over-yell: SOHO ONT - ONU is nearing its maximum ability to supply the power - soho-opti-malfunc : SOHO ONT - Malfunction of ONT's optical transceiver - soho-sup-cfg-dnld-fail: SOHO ONT - Download of voice xml file to ONT failed - soho-sup-rssi-cfg-mism: SOHO ONT - RSSI configuration mismatch - soho-sup-sfp-tx-low : SOHO ONT - SFP Tx Power below configured low-level alarm threshold - soho-sup-sfp-temp-high: SOHO ONT - SFP Temperature above configured high-level alarm threshold - soho-sup-sfp-volt-high: SOHO ONT - SFP Voltage above configured high-level alarm threshold - soho-sup-sfp-bias-high: SOHO ONT - SFP Bias above configured high-level alarm threshold - soho-sup-ld-cfg-mism : SOHO ONT - Loop detection	

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Parameter	Type	Description
	<ul style="list-style-type: none"> configuration mismatch - soho-sup-olt-rx-low : SOHO ONT - OLT Rx power below receiver operating range - soho-sup-olt-rx-high : SOHO ONT - OLT Rx power above receiver operating range - soho-sup-olt-rx-lo-war: SOHO ONT - OLT Rx power below low-level warning threshold - soho-sup-olt-rx-hi-war: SOHO ONT - OLT Rx power above high-level warning threshold - soho-sup-tod-out-sync : SOHO ONT - ONU TOD is out-sync with OLT - soho-sup-ont-tune-fail: SOHO ONT - ONU has failed to tune to Target-ChnlPair - soho-tr069-param-fail : SOHO ONT - hgu tr069 parameters mismatch - soho-sup-tod-mismatch : SOHO ONT - ONU TOD MISMATCH - mdu-sup-sw-file-error : MDU ONT - Software file has error or is missing - mdu-sup-fan-failure : MDU ONT - Fan failure - mdu-sup-temp-high-warn: MDU ONT - High temperature warning - mdu-sup-temp-shutoff : MDU ONT - Service disabled due to excessive temperature - mdu-sup-emergency-call: MDU ONT - Emergency call active - mdu-sup-swverctrl-err : MDU ONT - Software version control error - mdu-sup-poe-exceed-max: MDU ONT - Configured PoE feeding exceeds ONT maximum - mdu-sup-poe-over-yell : MDU ONT - ONU is nearing its maximum ability to supply the power - mdu-opti-malfunc : MDU ONT - Malfunction of ONT's optical transceiver - mdu-sup-cfg-dnld-fail : MDU ONT - Download of voice xml file to ONT failed - mdu-sup-rssi-cfg-mism : MDU ONT - RSSI configuration mismatch - mdu-sup-sfp-tx-low : MDU ONT - SFP Tx Power below configured low-level alarm threshold - mdu-sup-sfp-temp-high : MDU ONT - SFP Temperature above configured high-level alarm threshold - mdu-sup-sfp-volt-high : MDU ONT - SFP Voltage above configured high-level alarm threshold - mdu-sup-sfp-bias-high : MDU ONT - SFP Bias above configured high-level alarm threshold - mdu-sup-ld-cfg-mism : MDU ONT - Loop detection configuration mismatch - mdu-sup-olt-rx-low : MDU ONT - OLT Rx power below receiver operating range - mdu-sup-olt-rx-high : MDU ONT - OLT Rx power above receiver operating range - mdu-sup-olt-rx-lo-warn: MDU ONT - OLT Rx power below low-level warning threshold - mdu-sup-olt-rx-hi-warn: MDU ONT - OLT Rx power above high-level warning threshold - mdu-sup-tod-out-sync : MDU ONT - ONU TOD is 	

Parameter	Type	Description
	out-sync with OLT - mdu-sup-ont-tune-fail : MDU ONT - ONU has failed to tune to Target-ChnlPair - mdu-tr069-param-fail : MDU ONT - hgu tr069 parameters mismatch - mdu-sup-tod-mismatch : MDU ONT - ONU TOD MISMATCH - ont-sbscr-lim-missing : provisioned ont card missing - ont-sbscr-lim-type-mis: wrong type plug-in ont card - ont-sbscr-lim-removal : improper removal ont card - ont-sbscr-lim-fail : ont card failure - ont-sbscr-lim-svc-mis : ont service mismatch for provisioned onu card - ont-sbscr-lim-port-mis: port mismatch btw actual and planned ont card - ont-svc-video-conf-mis: config request failure for video service - ont-svc-video-pw-high : high power level for rf video signal - ont-svc-video-pw-low : low power level for rf video signal - ont-svc-pots-svc-mis : ont service mismatch for provisioned pots - ont-svc-pots-rtcp-lost: pots realtime transport control protocol stream lost - ont-svc-pots-icnf-subst: pots line iconfig subscription failure - ont-svc-pots-icnf-ntfy: pots line iconfig notify failure - ont-svc-pots-icnf-http: pots line iconfig http failure - ont-svc-pots-sip-reg : pots line sip registration failure - ont-svc-pots-sip-inv : pots line sip invite request failure - ont-svc-pots-sip-subsc: pots line sip subscribe failure - ont-svc-pots-sip-mt-tc: pots line sip message timeout threshold crossed - ont-svc-pots-pk-los-tc: pots line rtp bearer packets loss threshold crossed - ont-svc-pots-jitter-tc: pots line rtp jitter threshold crossed - ont-svc-pots-subst-dns : pots line iconfig subscription failed (DNS) - ont-svc-pots-subst-tcp : pots line iconfig subscription failed (TCP) - ont-svc-pots-subst-tls : pots line iconfig subscription failed (TLS) - ont-svc-pots-subst-auth: pots line iconfig subscription failed authentication - ont-svc-pots-subst-to : pots line iconfig subscription failed (timeout) - ont-svc-pots-subst-err : pots line iconfig subscription response error - ont-svc-pots-not-to : pots line iconfig notification failed (timeout) - ont-svc-pots-notref-to: pots line iconfig notification refresh failed - ont-svc-pots-not-mal : pots line iconfig notification failed (malformed) - ont-svc-pots-not-rej : pots line iconfig notification rejected - ont-svc-pots-http-dns : pots line iconfig doc retrieval failed (DNS)	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - ont-svc-pots-http-tcp : pots line iconfig doc retrieval failed (TCP) - ont-svc-pots-http-tls : pots line iconfig doc retrieval failed (TLS) - ont-svc-pots-http-auth: pots line iconfig doc retrieval failed (authentication) - ont-svc-pots-http-to : pots line iconfig doc retrieval failed (timeout) - ont-svc-pots-http-err : pots line iconfig doc retrieval response error - ont-svc-pots-http-mal : pots line iconfig doc retrieval failed (malformed) - ont-svc-pots-insuff : pots line iconfig service failed (insufficient data) - ont-svc-pots-poos : pots ports out of service - ont-svc-lan-mismatch : ont service mismatch for lan - ont-svc-lan-loss-sig : loss of signal on an ethernet port interface - ont-svc-enet-poos : Ethernet Ports out of Service - ont-svc-ces-ds1-mis : ont service mismatch for provisioned ces ds1 - ont-svc-ces-ds1-los : loss of signal at ds1 interface - ont-svc-ces-ds1-lof : loss of frame at ds1 interface - ont-svc-ces-ds1-rair : receiving rai at ds1 interface - ont-svc-ces-ds1-ais : receiving ais at ds1 interface - ont-svc-ces-ds1-lnlpbk: receiving line loopback at ds1 interface - ont-svc-ces-ds1-tmlpbk: receiving terminal loopback at ds1 interface - ont-svc-ces-e1-mis : ont service mismatch for provisioned ces e1 - ont-svc-ces-e1-los : loss of signal at e1 interface - ont-svc-ces-e1-lof : loss of frame at e1 interface - ont-svc-ces-e1-rair : receiving rai at e1 interface - ont-svc-ces-e1-ais : receiving ais at e1 interface - ont-svc-voip-cnf-file : voice configuration file error - ont-svc-voip-svc-mis : service mismatch for provisioned client service - ont-svc-voip-gw-comm : voice gateway communication failure - ont-svc-voip-dhcp-fail: voice dhcp server failure - ont-svc-voip-icnf-sub: voice iconfig subscription failure - ont-svc-voip-icnf-ntfy: voice iconfig notify failure - ont-svc-voip-icnf-http: voice iconfig http failure - ont-svc-voip-dhcp-to : DHCP server retransmissions timed out - ont-svc-voip-dhcp-mal : DHCP response was malformed - ont-svc-voip-dhcp-noad: DHCP server failed to issue the required parameters - ont-svc-voip-dhcp-leas: DHCP Server failure due to problem in lease renewal - ont-svc-voip-sub-dns : iConfig Subscription failure due to DNS problem - ont-svc-voip-sub-tcp : iConfig Subscription failure due to TCP socket problem - ont-svc-voip-sub-tls : iConfig Subscription failure due to TLS session problem 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - ont-svc-voip-sub-auth: iConfig Subscription failure due to authentication error - ont-svc-voip-sub-to : iConfig Subscription failure due to retransmission timeout - ont-svc-voip-sub-err : iConfig Subscription failure due to response error - ont-svc-voip-not-to : iConfig Notify response timeout for new subscription - ont-svc-voip-notref-to: iConfig Notify response timeout for subscription refresh - ont-svc-voip-not-mal : iConfig Notify response is malformed - ont-svc-voip-not-rej : iConfig subscription request rejected by configuration server - ont-svc-voip-http-dns : VOIP client can't retrieve config doc due to DNS problem - ont-svc-voip-http-tcp : VOIP client can't retrieve config doc due to TCP socket problem - ont-svc-voip-http-tls : VOIP client can't retrieve config doc due to TLS session problem - ont-svc-voip-http-auth: VOIP client can't retrieve config doc due to auth error - ont-svc-voip-http-to : VOIP client can't retrieve config doc due to re-tx timeout - ont-svc-voip-http-err : VOIP client can't retrieve config doc due to response error - ont-svc-voip-http-mal : iConfig configuration document is malformed - ont-svc-voip-sub-refr: iConfig Subscription refresh error - ont-svc-voip-not-refr : iConfig Notify response for refresh subscribe failed - ont-svc-voip-icfg-err : iConfig Configuration Error - ont-svc-v-ani-conf-mis: config request failure for video ani service - ont-svc-v-ani-loss-sig: video loss of signal on ani - ont-svc-v-ani-lv-high : high video optical signal level - ont-svc-v-ani-lv-low : low video optical signal level - ont-svc-pwe-mismatch : service mismatch for provisioned pseudowire - ont-svc-pwe-reordr-lof: pseudowire reordering and loss of frame - ont-svc-pwe-jitt-buf-o: pseudowire jitter buffer overrun - ont-svc-pwe-jitt-buf-u: pseudowire jitter buffer underrun - ont-svc-pwe-malf-frms : pseudowire malformed frames - ont-svc-pwe-late-frms : pseudowire late frames - ont-svc-pwe-link-loss : pseudowire link loss - ont-svc-pwe-arp-fail : pseudowire arp failure - ont-svc-xdsl-mismatch : service mismatch for provisioned xdsl - ont-svc-xdsl-ne-lof : near end loss of frame - ont-svc-xdsl-ne-los : near end loss of signal - ont-svc-xdsl-ne-line : near end line init - ont-svc-xdsl-ne-lol : near end loss of link - ont-svc-xdsl-fe-lof : far end loss of frame - ont-svc-xdsl-fe-los : far end loss of signal - ont-svc-xdsl-fe-lop : far end loss of power - ont-svc-xdsl-cnf-err : xdsl provisioning error 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - ont-svc-xdsl-ne-es-tc : near end errored seconds threshold crossed - ont-svc-xdsl-ne-ses-tc: near end severe errored seconds threshold crossed - ont-svc-xdsl-ne-uas-tc: ear end unavailable seconds threshold crossed - ont-svc-xdsl-fe-es-tc : far end errored seconds threshold crossed - ont-svc-xdsl-fe-ses-tc: far end severe errored seconds threshold crossed - ont-svc-xdsl-fe-uas-tc: far end unavailable seconds threshold crossed - ont-tc-rx-los-frag-tc : rx loss of gem fragments threshold crossed - ont-tc-tx-los-frag-tc : tx loss of gem fragments threshold crossed - ont-tc-bad-gem-hd-tc : bad gem header threshold crossed - ont-uni-ds-drp-d-fr-tc : downstream l2 dropped frames threshold crossed - ont-uni-up-drp-d-fr-tc : upstream l2 dropped frames threshold crossed - ont-uni-ds-crc-fr-tc : downstream l2 rx crc error frames threshold crossed - ont-uni-up-crc-fr-tc : upstream l2 rx crc error frames threshold crossed - ont-cpu-util-tca : ONT CPU utilization threshold crossed - ont-mem-util-tca : ONT memory utilization threshold crossed - pim-neighbor-down : pim neighbor down - pim-max-mcroutes : maximum routes reached - li-traffic-disabled : lawful interception of traffic disabled - li-bandwidth-limit : lawful intercept reached bandwidth limit - li-out-of-res : lawful intercept out of resources - otdr-cap-mismatch : otdr capability mismatch - login-successful : successful login via management access - login-failure : invalid login via management access has crossed the threshold limit - cfm-defrdiccm : rdi bit in ccm received - cfm-defmacstatus : ccm mac error status - cfm-defremoteccm : missing ccm from mep - cfm-deferrorccm : invalid ccm received - cfm-defxconccm : unexpected ccm received - cfm-defais : ethernet ais received - bfd-session-down : bfd session down - bfd-max-resource : bfd maximum resources reached - bfd-stale-entry : bfd stale entry present - tca-outputbw : tca output bandwidth - tca-inputbw : tca input bandwidth - tca-rxcrcalign : tca rxcrc align errors - tca-txcrcalign : tca txcrc align errors - tca-txcollisions : tca tx collision errors - tca-outputhighbw : tca output high bandwidth - tca-outputmedbw : tca output medium bandwidth - tca-outputlowbw : tca output low bandwidth - tca-inputhighbw : tca input high bandwidth - tca-inputmediumbw : tca input medium bandwidth 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - tca-inputlowbw : tca input low bandwidth - eth-cfm-defrdiccm : rdi bit in ccm received - eth-cfm-defmacstatus : ccm mac error status - eth-cfm-defremoteccm : missing ccm from mep - eth-cfm-deferrorccm : invalid ccm received - eth-cfm-defxconccm : unexpected ccm received - rsvp-neighbor-down : rsvp neighbor down - rsvp-instance-down : rsvp instance down - eth-ring-path-block : eth ring path block - ai-platform-down : Application Intelligence Platform down - ai-appl-install-fail : Application installation failure - ip-assign-fail : Dhcp assigned address failure - ont-tr069-serv-mis : ont tr069 server config mismatch - ont-snmp-mis : ont snmp agent config mismatch - bsf-dhcpv4 : bulksync failed for dhcpv4 - bsf-dhcpv6 : bulksync failed for dhcpv6 - bsf-pon : bulksync failed for pon - bsf-vbridge : bulksync failed for vlan-bridge - bsf-qos : bulksync failed for qos - bsf-igmp : bulksync failed for igmp - bsf-lxfwd : bulksync failed for lxfwd - prot-not-available : no protection not available - prot-switchover-fail : port switch over failed - efm-oam-cpelinkfault : EFM-OAM CPE link fault - efm-oam-cpedyinggasp : EFM-OAM CPE dying gasp - efm-oam-cpecrevt : EFM-OAM CPE critical event - ont-loopdetect : ont loop detect - alarm-tbl-overflow : alarm table has overflowed - auto-switch-status : auto-switch status - auswqueuefullatm : auto-switch queue Full for ATM - auswbkpfailatm : auto-switch config data backup failed for ATM - auswrecfgfailatm : auto-switch fallback reconfiguration failed for ATM - auswdataunatm : auto-switch backup config data unavailable for ATM - auswqueuefulptm : auto-switch queue Full for PTM - auswbkpfailptm : auto-switch config data backup failed for PTM - auswrecfgfailptm : auto-switch fallback reconfiguration failed for PTM - auswdataunptm : auto-switch backup config data unavailable for PTM - auswbakpfailatm : auto-switch backup fail for ATM - chpr-com-fail : channel pair communication failure on olt - chpr-tx-fail : transmitter failure on channel pair - chpr-unprov-ont : unprovisioned ont on channel pair - chpr-prov-mismatch : mismatch btw equipment and provisioning pon attributes - chpr-loss-sig : channel pair loss of signal - chpr-diagnostic : channel pair diagnostic test active - chpr-loid-conflict : loid conflict ont on channel pair - chpr-loid-pwd-err : loid password error ont on channel pair - chpr-stk-laser-dis : stuck laser disabled on channel pair - chpr-sfp-mismatch : channel pair sfp mismatch - chpr-rng-mismatch : channel pair ranging mismatch - chpr-alien-test : channel pair alien diagnostic test active 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - chpr-alien-detect : channel pair alien detect active - chpr-deact-hightca : channel pair deactivated ont hightca threshold crossed - chpr-deact-lowtca : channel pair deactivated ont lowtca threshold crossed - chpr-dp-integ : channel pair data path integrity failure - olt-chpr-tc-err-frag : channelpair errored fragments threshold crossed - olt-chpr-up-bw-tca : OLT CHANNELPAIR upstream bandwidth TCA - olt-chpr-down-bw-tca : OLT CHANNELPAIR downstream bandwidth TCA - cfg-dld-fail : download of configure file to ont failed - cfg-act-fail : activate the passive config file failed - cfg-dld-ip : ont configure file download in progress - cfg-ver-mismatch : the planned configure file does not match the active configure file - cfg-file-missing : ont configure file missing or has an error - cfg-verctrl-err : ont configure file version control error - cfg-not-supported : ont not support the configure file download function - ont-prot-not-available: ONT/ONU protection not available - ont-gen-temp-low : ONU SFP temperature is lower than configured Alarm low threshold - ont-gen-volt-low : ONU SFP Voltage is lower than configured Alarm low threshold - ont-gen-tx-pwr-high : ONU SFP Tx power is higher than configured Alarm high threshold - ont-gen-bias-low : ONU SFP bias is lower than configured Alarm low threshold - ont-gen-rx-hwarn : ONU SFP Rx power is higher than warn threshold - ont-gen-rx-lwarn : ONU SFP Rx power is lower than warn threshold - ont-gen-tx-hwarn : ONU SFP Tx power is higher than warn threshold - ont-gen-tx-lwarn : ONU SFP Tx power is lower than warn threshold - ont-gen-temp-hwarn : ONU SFP temperature is higher than warn threshold - ont-gen-temp-lwarn : ONU SFP temperature is lower than warn threshold - ont-gen-volt-hwarn : ONU SFP Voltage is higher than warn threshold - ont-gen-volt-lwarn : ONU SFP Voltage is lower than warn threshold - ont-gen-bias-hwarn : ONU SFP bias is higher than warn threshold - ont-gen-bias-lwarn : ONU SFP bias is lower than warn threshold - sfu-sup2-temp-low : SFU ONT - SFP temperature is lower than configured Alarm low threshold - sfu-sup2-volt-low : SFU ONT - SFP Voltage is lower than configured Alarm low threshold - sfu-sup2-tx-high : SFU ONT - SFP tx power is higher than configured Alarm high threshold - sfu-sup2-bias-low : SFU ONT - SFP bias is lower than 	

Parameter	Type	Description
	<p>configured Alarm low threshold</p> <ul style="list-style-type: none"> - sfu-sup2-rx-hwarn : SFU ONT - SFP rx power is higher than configured warn threshold - sfu-sup2-rx-lwarn : SFU ONT - SFP rx power is lower than configured warn threshold - sfu-sup2-tx-hwarn : SFU ONT - SFP tx power is higher than configured warn threshold - sfu-sup2-tx-lwarn : SFU ONT - SFP tx power is lower than configured warn threshold - sfu-sup2-temp-hwarn : SFU ONT - SFP temperature is higher than configured warn threshold - sfu-sup2-temp-lwarn : SFU ONT - SFP temperature is lower than configured warn threshold - sfu-sup2-volt-hwarn : SFU ONT - SFP Voltage is higher than configured warn threshold - sfu-sup2-volt-lwarn : SFU ONT - SFP Voltage is lower than configured warn threshold - sfu-sup2-bias-hwarn : SFU ONT - SFP bias is higher than configured warn threshold - sfu-sup2-bias-lwarn : SFU ONT - SFP bias is lower than configured warn threshold - soho-sup2-temp-low : SOHO ONT - SFP temperature is lower than configured Alarm low threshold - soho-sup2-volt-low : SOHO ONT - SFP Voltage is lower than configured Alarm low threshold - soho-sup2-tx-high : SOHO ONT - SFP tx power is higher than configured Alarm low threshold - soho-sup2-bias-low : SOHO ONT - SFP bias is lower than configured Alarm low threshold - soho-sup2-rx-hwarn : SOHO ONT - SFP rx power is higher than warn threshold - soho-sup2-rx-lwarn : SOHO ONT - SFP rx power is lower than warn threshold - soho-sup2-tx-hwarn : SOHO ONT - SFP tx power is higher than warn threshold - soho-sup2-tx-lwarn : SOHO ONT - SFP tx power is lower than warn threshold - soho-sup2-temp-hwarn : SOHO ONT - SFP temperature is higher than warn threshold - soho-sup2-temp-lwarn : SOHO ONT - SFP temperature is lower than warn threshold - soho-sup2-volt-hwarn : SOHO ONT - SFP Voltage is higher than warn threshold - soho-sup2-volt-lwarn : SOHO ONT - SFP Voltage is lower than warn threshold - soho-sup2-bias-hwarn : SOHO ONT - SFP bias is higher than warn threshold - soho-sup2-bias-lwarn : SOHO ONT - SFP bias is lower than warn threshold - mdu-sup2-temp-low : MDU ONT - SFP temperature is lower than configured alarm low threshold - mdu-sup2-volt-low : MDU ONT - SFP Voltage is lower than configured alarm low threshold - mdu-sup2-tx-high : MDU ONT - SFP tx power is higher than configured alarm low threshold - mdu-sup2-bias-low : MDU ONT - SFP bias is lower than configured alarm low threshold 	

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Parameter	Type	Description
	<ul style="list-style-type: none"> - mdu-sup2-rx-hwarn : MDU ONT - SFP rx power is higher than warn threshold - mdu-sup2-rx-lwarn : MDU ONT - SFP rx power is lower than warn threshold - mdu-sup2-tx-hwarn : MDU ONT - SFP tx power is higher than warn threshold - mdu-sup2-tx-lwarn : MDU ONT - SFP tx power is lower than warn threshold - mdu-sup2-temp-hwarn : MDU ONT - SFP temperature is higher than warn threshold - mdu-sup2-temp-lwarn : MDU ONT - SFP temperature is lower than warn threshold - mdu-sup2-volt-hwarn : MDU ONT - SFP voltage is higher than warn threshold - mdu-sup2-volt-lwarn : MDU ONT - SFP voltage is lower than warn threshold - mdu-sup2-bias-hwarn : MDU ONT - SFP bias is higher than warn threshold - mdu-sup2-bias-lwarn : MDU ONT - SFP bias is lower than warn threshold - cust-alm1 : customizable alarm 1 - cust-alm2 : customizable alarm 2 - cust-alm3 : customizable alarm 3 - cust-alm4 : customizable alarm 4 - cust-alm5 : customizable alarm 5 - cust-alm6 : customizable alarm 6 - cust-alm7 : customizable alarm 7 - cust-alm8 : customizable alarm 8 - cust-alm9 : customizable alarm 9 - cust-alm10 : customizable alarm 10 - cust-alm11 : customizable alarm 11 - cust-alm12 : customizable alarm 12 - cust-alm13 : customizable alarm 13 - cust-alm14 : customizable alarm 14 - cust-alm15 : customizable alarm 15 - cust-alm16 : customizable alarm 16 - cust-alm17 : customizable alarm 17 - cust-alm18 : customizable alarm 18 - cust-alm19 : customizable alarm 19 - cust-alm20 : customizable alarm 20 - cust-alm21 : customizable alarm 21 - cust-alm22 : customizable alarm 22 - cust-alm23 : customizable alarm 23 - cust-alm24 : customizable alarm 24 - cust-alm25 : customizable alarm 25 - cust-alm26 : customizable alarm 26 - cust-alm27 : customizable alarm 27 - cust-alm28 : customizable alarm 28 - cust-alm29 : customizable alarm 29 - cust-alm30 : customizable alarm 30 - cust-alm31 : customizable alarm 31 - ethernet-ring-pthfwst : ethernet ring path forward state - ethernet-ring-fop-to : ethernet ring fop-to failure of protocol timeout - ethernet-ring-fop-pm : ethernet ring fop-pm failure of protocol provision mismatch - fpm-depletion : failsafe fpm depletion 	

Parameter	Type	Description
	<ul style="list-style-type: none"> - exp-seizureack : Channel was blocked due to failure in the reception of the SEIZURE ACK signal - exp-disconack : Channel was blocked due to failure in the reception of the DISCONNECTION ACK signal - exp-forcerelack : Channel was blocked due to failure in the reception of the BACKWARD DISCONNECTION ACK signal - packet-loss : Pseudo Wire entered the Packet loss state - remote-packet-loss : Remote Packet loss detected - no-dsp-resource : DSP resource allocation failed - la-down : Link aggregation group link-status is down - la-standby-na : Cross-lt lag on standby slot part is not available - la-switch-fail : Cross-lt lag fail to do switchover - la-degrade : Link aggregation group degrade - melt-board-reset : MELT board reset - board-shelf-mismatch : board type and shelf type mismatch - fcs-thresh-exceed : FCS counter threshold exceeded 	
[no] status	Parameter type: <Alarm::fltrStatus> Format: (not-used used) Possible values: - not-used : deactivate the configured alarm filter - used : activate the configured alarm filter	<i>optional parameter with default value: "not-used"</i> filter status
[no] threshold	Parameter type: <Alarm::fltrThreshold> Format: - the threshold value of the considered alarm filter - range: [2...65535]	<i>optional parameter with default value: "2"</i> the threshold value of the considered alarm filter
[no] window	Parameter type: <Alarm::fltrWindow> Format: - the duration of the filter window in seconds - range: [1...65535]	<i>optional parameter with default value: "60"</i> the duration of the filter window, only applicable for temporal type

3.5 Alarm Suppression Filter Configuration Command

Command Description

This command allows the operator to configure Suppression Alarm filter parameters.

Without valid interface and alarmid, suppression filter cannot be activated.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure alarm suppression filterid <Alarm::suppressionfltrId> [ interface <Alarm::suppressionFilterIndex> ] [
alarmid <Alarm::suppressionalarmIndex> ] [ no status | status <Alarm::fltrStatus> ] [ no threshold | threshold
<Alarm::suppressionfltrThreshold> ]
```

Command Parameters

Table 3.5-1 "Alarm Suppression Filter Configuration Command" Resource Parameters

Resource Identifier	Type	Description
filterid	Parameter type: <Alarm::suppressionfltrId> Format: - unique filter number - range: [1...32]	the id of the considered alarm suppression filter

Table 3.5-2 "Alarm Suppression Filter Configuration Command" Command Parameters

Parameter	Type	Description
interface	Parameter type: <Alarm::suppressionFilterIndex> Format: lt : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> Possible values: - lt : lt-slot Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId> - the LT slot number	<i>optional parameter</i> suppression filter interface
alarmid	Parameter type: <Alarm::suppressionalarmIndex> Format: (board-missing	<i>optional parameter</i> alarmType

Parameter	Type	Description
	board-init) Possible values: - board-missing : board detected after planning - now missing - board-init : board initialisation failure	
[no] status	Parameter type: <Alarm::fltrStatus> Format: (not-used used) Possible values: - not-used : deactivate the configured alarm filter - used : activate the configured alarm filter	<i>optional parameter with default value: "not-used"</i> filter status
[no] threshold	Parameter type: <Alarm::suppressionfltrThreshold> Format: - the threshold value of the considered alarm filter - range: [1...100]	<i>optional parameter with default value: "1"</i> the threshold value of the considered alarm filter

3.6 Alarm Delta Log Configuration Command

Command Description

This command allows the operator to configure the action of the system when the alarm log buffer is full.

If the action is set to wrap, older log records are overwritten by recent records. If the action is set to halt, logging is stopped until the log buffer is reset.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure alarm delta-log [ indet-log-full-action <Alarm::alarmDeltaLogFullAction> ] [ warn-log-full-action <Alarm::alarmDeltaLogFullAction> ] [ minor-log-full-action <Alarm::alarmDeltaLogFullAction> ] [ major-log-full-action <Alarm::alarmDeltaLogFullAction> ] [ crit-log-full-act <Alarm::alarmDeltaLogFullAction> ]
```

Command Parameters

Table 3.6-2 "Alarm Delta Log Configuration Command" Command Parameters

Parameter	Type	Description
indet-log-full-action	Parameter type: <Alarm::alarmDeltaLogFullAction> Format: (wrap halt) Possible values: - wrap : wrap around when log is full - halt : halt logging when log is full	<i>optional parameter</i> set the action when indeterminate log buffer is full
warn-log-full-action	Parameter type: <Alarm::alarmDeltaLogFullAction> Format: (wrap halt) Possible values: - wrap : wrap around when log is full - halt : halt logging when log is full	<i>optional parameter</i> set the action when warn delta log buffer is full
minor-log-full-action	Parameter type: <Alarm::alarmDeltaLogFullAction> Format: (wrap halt) Possible values: - wrap : wrap around when log is full - halt : halt logging when log is full	<i>optional parameter</i> set the action when minor delta log buffer is full
major-log-full-action	Parameter type: <Alarm::alarmDeltaLogFullAction> Format: (wrap	<i>optional parameter</i> set action when major delta log buffer is full

Parameter	Type	Description
	halt) Possible values: - wrap : wrap around when log is full - halt : halt logging when log is full	
crit-log-full-act	Parameter type: <Alarm::alarmDeltaLogFullAction> Format: (wrap halt) Possible values: - wrap : wrap around when log is full - halt : halt logging when log is full	<i>optional parameter</i> set action when critical delta log buffer is full

3.7 Customizable Alarm Profile Configuration

Command

Command Description

This command allows the operator to configure the external alarm profile. The profile is made to be assigned to a remote LT board. The profile reflects a configuration of external alarms parameters that corresponds to a certain environment where the remote board is located (in an outdoor cabinet, basement cabinet, ...). The use of a profile avoids the need to specify the parameters for each remote board separately. The alarm profile groups all five external alarms parameters. The profile contains a description/meaning of each alarm, as well as an indication that tells us whether or not any alarm outputs are to be triggered if the corresponding external input alarm is raised. On top of these parameters, a mnemonic (short for the description), the polarity and the severity are configurable. Note: The Severity parameters of custom alarm profile i.e (severity1,severity2,severity3,severity4,severity5) are supported for only FD-REM not other shelves.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure alarm ( no custom-profile (name) ) | ( custom-profile (name) [ no mnemonic1 | mnemonic1
<Alarm::AlarmMnemonic> ] [ no description1 | description1 <Alarm::AlarmDescription> ] [ no visible1 | visible1
<Alarm::VisibleOutput> ] [ no audible1 | audible1 <Alarm::AudibleOutput> ] [ no polarity1 | polarity1
<Alarm::InversePolarity> ] [ no severity1 | severity1 <Alarm::AlarmSeverity> ] [ no mnemonic2 | mnemonic2
<Alarm::AlarmMnemonic> ] [ no description2 | description2 <Alarm::AlarmDescription> ] [ no visible2 | visible2
<Alarm::VisibleOutput> ] [ no audible2 | audible2 <Alarm::AudibleOutput> ] [ no polarity2 | polarity2
<Alarm::InversePolarity> ] [ no severity2 | severity2 <Alarm::AlarmSeverity> ] [ no mnemonic3 | mnemonic3
<Alarm::AlarmMnemonic> ] [ no description3 | description3 <Alarm::AlarmDescription> ] [ no visible3 | visible3
<Alarm::VisibleOutput> ] [ no audible3 | audible3 <Alarm::AudibleOutput> ] [ no polarity3 | polarity3
<Alarm::InversePolarity> ] [ no severity3 | severity3 <Alarm::AlarmSeverity> ] [ no mnemonic4 | mnemonic4
<Alarm::AlarmMnemonic> ] [ no description4 | description4 <Alarm::AlarmDescription> ] [ no visible4 | visible4
<Alarm::VisibleOutput> ] [ no audible4 | audible4 <Alarm::AudibleOutput> ] [ no polarity4 | polarity4
<Alarm::InversePolarity> ] [ no severity4 | severity4 <Alarm::AlarmSeverity> ] [ no mnemonic5 | mnemonic5
<Alarm::AlarmMnemonic> ] [ no description5 | description5 <Alarm::AlarmDescription> ] [ no visible5 | visible5
<Alarm::VisibleOutput> ] [ no audible5 | audible5 <Alarm::AudibleOutput> ] [ no polarity5 | polarity5
<Alarm::InversePolarity> ] [ no severity5 | severity5 <Alarm::AlarmSeverity> ] )
```

Command Parameters

Table 3.7-1 "Customizable Alarm Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(name)	Format: - a profile name	custom profile name

Resource Identifier	Type	Description
	- range: [a-zA-Z0-9-_.] - length: 1<=x<=32	

Table 3.7-2 "Customizable Alarm Profile Configuration Command" Command Parameters

Parameter	Type	Description
[no] mnemonic1	Parameter type: <Alarm::AlarmMnemonic> Format: - an octet string defining mnemonic of external alarm - range: [A-Z] - length: x<=16	optional parameter with default value: "UNDEF" mnemonic identifying the customizable external alarm 1
[no] description1	Parameter type: <Alarm::AlarmDescription> Format: - an octet string defining description of external alarm - length: x<=40	optional parameter with default value: "Undefined" description of the customizable external alarm 1
[no] visible1	Parameter type: <Alarm::VisibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is visible - disable : external alarm output is non-visible	optional parameter with default value: "disable" trigger a visible alarm for external alarm 1
[no] audible1	Parameter type: <Alarm::AudibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is audible - disable : external alarm output is non-audible	optional parameter with default value: "disable" trigger a audible alarm for external alarm 1
[no] polarity1	Parameter type: <Alarm::InversePolarity> Format: (normal inverse) Possible values: - normal : alarm polarity is normal - inverse : alarm polarity is inverse	optional parameter with default value: "normal" alarm polarity is normal or inverse for external alarm 1
[no] severity1	Parameter type: <Alarm::AlarmSeverity> Format: (indeterminate warning minor major critical) Possible values: - indeterminate : alarm severity is indeterminate - warning : alarm severity is warning - minor : alarm severity is minor - major : alarm severity is major - critical : alarm severity is critical	optional parameter with default value: "major" severity level of external alarm 1
[no] mnemonic2	Parameter type: <Alarm::AlarmMnemonic> Format: - an octet string defining mnemonic of external alarm - range: [A-Z] - length: x<=16	optional parameter with default value: "UNDEF" mnemonic identifying the customizable external alarm 2
[no] description2	Parameter type: <Alarm::AlarmDescription> Format: - an octet string defining description of external alarm - length: x<=40	optional parameter with default value: "Undefined" description of the customizable external alarm 2

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Parameter	Type	Description
[no] visible2	Parameter type: <Alarm::VisibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is visible - disable : external alarm output is non-visible	<i>optional parameter with default value: "disable"</i> trigger a visible alarm for external alarm 2
[no] audible2	Parameter type: <Alarm::AudibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is audible - disable : external alarm output is non-audible	<i>optional parameter with default value: "disable"</i> trigger a audible alarm for external alarm 2
[no] polarity2	Parameter type: <Alarm::InversePolarity> Format: (normal inverse) Possible values: - normal : alarm polarity is normal - inverse : alarm polarity is inverse	<i>optional parameter with default value: "normal"</i> alarm polarity is normal or inverse for external alarm 2
[no] severity2	Parameter type: <Alarm::AlarmSeverity> Format: (indeterminate warning minor major critical) Possible values: - indeterminate : alarm severity is indeterminate - warning : alarm severity is warning - minor : alarm severity is minor - major : alarm severity is major - critical : alarm severity is critical	<i>optional parameter with default value: "major"</i> severity level of external alarm 2
[no] mnemonic3	Parameter type: <Alarm::AlarmMnemonic> Format: - an octet string defining mnemonic of external alarm - range: [A-Z] - length: x<=16	<i>optional parameter with default value: "UNDEF"</i> mnemonic identifying the customizable external alarm 3
[no] description3	Parameter type: <Alarm::AlarmDescription> Format: - an octet string defining description of external alarm - length: x<=40	<i>optional parameter with default value: "Undefined"</i> description of the customizable external alarm 3
[no] visible3	Parameter type: <Alarm::VisibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is visible - disable : external alarm output is non-visible	<i>optional parameter with default value: "disable"</i> trigger a visible alarm for external alarm 3
[no] audible3	Parameter type: <Alarm::AudibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is audible - disable : external alarm output is non-audible	<i>optional parameter with default value: "disable"</i> trigger a audible alarm for external alarm 3

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Parameter	Type	Description
[no] polarity3	Parameter type: <Alarm::InversePolarity> Format: (normal inverse) Possible values: - normal : alarm polarity is normal - inverse : alarm polarity is inverse	<i>optional parameter with default value: "normal"</i> alarm polarity is normal or inverse for external alarm 3
[no] severity3	Parameter type: <Alarm::AlarmSeverity> Format: (indeterminate warning minor major critical) Possible values: - indeterminate : alarm severity is indeterminate - warning : alarm severity is warning - minor : alarm severity is minor - major : alarm severity is major - critical : alarm severity is critical	<i>optional parameter with default value: "major"</i> severity level of external alarm 3
[no] mnemonic4	Parameter type: <Alarm::AlarmMnemonic> Format: - an octet string defining mnemonic of external alarm - range: [A-Z] - length: x<=16	<i>optional parameter with default value: "UNDEF"</i> mnemonic identifying the customizable external alarm 4
[no] description4	Parameter type: <Alarm::AlarmDescription> Format: - an octet string defining description of external alarm - length: x<=40	<i>optional parameter with default value: "Undefined"</i> description of the customizable external alarm 4
[no] visible4	Parameter type: <Alarm::VisibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is visible - disable : external alarm output is non-visible	<i>optional parameter with default value: "disable"</i> trigger a visible alarm for external alarm 4
[no] audible4	Parameter type: <Alarm::AudibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is audible - disable : external alarm output is non-audible	<i>optional parameter with default value: "disable"</i> trigger a audible alarm for external alarm 4
[no] polarity4	Parameter type: <Alarm::InversePolarity> Format: (normal inverse) Possible values: - normal : alarm polarity is normal - inverse : alarm polarity is inverse	<i>optional parameter with default value: "normal"</i> alarm polarity is normal or inverse for external alarm 4
[no] severity4	Parameter type: <Alarm::AlarmSeverity> Format: (indeterminate warning minor major critical)	<i>optional parameter with default value: "major"</i> severity level of external alarm 4

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Parameter	Type	Description
	Possible values: - indeterminate : alarm severity is indeterminate - warning : alarm severity is warning - minor : alarm severity is minor - major : alarm severity is major - critical : alarm severity is critical	
[no] mnemonic5	Parameter type: <Alarm::AlarmMnemonic> Format: - an octet string defining mnemonic of external alarm - range: [A-Z] - length: x<=16	<i>optional parameter with default value: "UNDEF"</i> mnemonic identifying the customizable external alarm 5
[no] description5	Parameter type: <Alarm::AlarmDescription> Format: - an octet string defining description of external alarm - length: x<=40	<i>optional parameter with default value: "Undefined"</i> description of the customizable external alarm 5
[no] visible5	Parameter type: <Alarm::VisibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is visible - disable : external alarm output is non-visible	<i>optional parameter with default value: "disable"</i> trigger a visible alarm for external alarm 5
[no] audible5	Parameter type: <Alarm::AudibleOutput> Format: (enable disable) Possible values: - enable : external alarm output is audible - disable : external alarm output is non-audible	<i>optional parameter with default value: "disable"</i> trigger a audible alarm for external alarm 5
[no] polarity5	Parameter type: <Alarm::InversePolarity> Format: (normal inverse) Possible values: - normal : alarm polarity is normal - inverse : alarm polarity is inverse	<i>optional parameter with default value: "normal"</i> alarm polarity is normal or inverse for external alarm 5
[no] severity5	Parameter type: <Alarm::AlarmSeverity> Format: (indeterminate warning minor major critical) Possible values: - indeterminate : alarm severity is indeterminate - warning : alarm severity is warning - minor : alarm severity is minor - major : alarm severity is major - critical : alarm severity is critical	<i>optional parameter with default value: "major"</i> severity level of external alarm 5

3.8 HGU TR069 Customizable Alarm Configuration Command

Command Description

This command allows the operator to configure the HGU TR069 customizable alarms.

User Level

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

Command Syntax

The command has the following syntax:

```
> configure alarm ( no hgu069-cust (alarm-id) ) | ( hgu069-cust (alarm-id) description <GPON::CustAlmDesc> )
```

Command Parameters

Table 3.8-1 "HGU TR069 Customizable Alarm Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(alarm-id)	Format: - HGU TR069 customizable alarm Id - range: [1...31]	HGU TR069 customizable alarm Id

Table 3.8-2 "HGU TR069 Customizable Alarm Configuration Command" Command Parameters

Parameter	Type	Description
description	Parameter type: <GPON::CustAlmDesc> Format: - alarm description - length: 1<=x<=64	<i>mandatory parameter</i> alarm description