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# Alarm Messages Reference

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The alarm messages listed in this topic can be viewed either in a VX CLI session or in the [VXwatch Alarm log](#).

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## AD Alarms

Type	Severity	Name	Description
AD	Error	CANTBIND	Cannot bind to - %
AD	Error	NOBACKUP	Local Active Directory cache backup file was not created

## BSP Alarms

Type	Severity	Name	Description
BSP	Error	CANTREROUTE	Can't re-route (remove self from call) when on the terminating side
BSP	Error	DUPEDROP	Received duplicate dropCall from channel
BSP	Error	GOTCONNECTFROMORIG	Got a connect message from originating channel
BSP	Error	MISSINGPEER	No peer set
BSP	Error	NOCALL	No call object
BSP	Error	NOTINOROUT	Not inbound channel or outbound channel
BSP	Warning	BADMESSAGE	Unhandled message 0x%08x - State %s
BSP	Warning	BADSTATE	Function %s - unhandled state %s
BSP	Warning	INVALIDSTATE	Function %s - Invalid state %s
BSP	Warning	UNEXPECTED SENDER	Got unexpected message from %sender%

## CAS Alarms

Type	Severity	Name	Description
CAS	Informational	OOS %s	Going out of service

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CAS	Error	DOUBLESEIZE %s	Detected double seizure
CAS	Error	FAILED %s	This channel has failed (re)initialization
CAS	Error	INVALIDBITS %s	Received invalid bits for 2 seconds after Seize Ack
CAS	Error	LINEFAULT %s	This channel has detected a line fault
CAS	Error	NOACK %s	Failed to receive Seize Ack on outgoing call
CAS	Error	NOANSWER %s	Tunnel Setup timeout
CAS	Error	NOIDLE %s	Failed to receive Idle pattern from remote end
CAS	Error	SETUPFAILED %s	MRD Call Setup failure at outbound side
CAS	Error	REFRESHFAILED %s	MRD Call Refresh failed at outbound side
CAS	Warning	BADSETUP %s	Received a Setup without any data
CAS	Warning	NOSETUP %s	No tunnel setup received
CAS	Warning	REINIT %s	Channel is reinitializing (Attempt %d)
CAS	Warning	WATCHDOG %s	Watchdog timer is forcing a reset

## Configuration Alarms

Type	Severity	Name	Description
CFG	Informational	NOACCESS	User %s does not have access level %d
CFG	Informational	OBSOLETE	Outdated VX <b>builder</b> Configuration Attempt
CFG	Error	NOHOST	Address found for host, DNS error.

## Command Line Interface Alarms

Type	Severity	Name	Description
CLI	Warning	NOLOGFILE	Failed to open activity log file for user %s from client at %s
CLI	Warning	LOGIN	User %s logged in at %s , Session established from client at %s
CLI	Warning	LOGOUT	User %s logged out at %s , Session terminated from client at %s
CLI	Warning	AUTHFAILED	Login attempt through username %s at %s from client at %s failed authentication
CLI	Warning	PASSWDCHANGE	User %s changed access password at %s from client at %s
CLI	Warning	USERLOCKED	User %s has been locked at %s due to repeated authentication failure from %s
CLI	Warning	PASSWDEXPIRE	User %s's password has expired. Disabled user at %s. Client IP : %s
CLI	Warning	USERTIMEOUT	Account %s has not been used for a login time, Disabled the account at time %s , Client IP %s

## H.323 Alarms

Type	Severity	Name	Description
H323	Error	BADSTATE	This channel received an event in unexpected state
H323	Error	MISSINGIE	Missing mandatory IE
H323	Warning	BADDIRECTION	This channel is not configured to process this request

## IP Subsystem

Type	Severity	Name	Description
IP	Informational	ADAPTERDOWN	Adapter %u: Adapter's network connection has gone down.
IP	Informational	ADAPTERUP	Adapter %u: Adapter's network connection has come up.
IP	Informational	IFACEUP	Interface 0x%04x link has gone up.
IP	Informational	IFACEDOWN	Interface 0x%04x link has gone down.
IP	Informational	SNIFFING	Sniffing is enabled, may degrade performance.
IP	Informational	SPM*LOGGING	SPM disk logging is enabled, may degrade performance.
IP	Informational	JITBUFRESYNC	Jitter buffer for serial interface 0x%04x resynchronised.
IP	Informational	SERCLKOK	Serial interface 0x%04x has in tolerance clock.
IP	Informational	SERCLKCHGD	Clock rate changed on serial interface 0x%04x.
IP	Informational	SEROSCOK	Serial card's internal oscillator is in-tolerance.
IP	Informational	SEROSCCTBUS	Serial card's internal oscillator driving H.100 Bus.
IP	Informational	SERPRICTBUS	Serial card's primary clock-source is driving H.100 Bus (this could be different from primary clock-master)
IP	Informational	SERBKPCTBUS	Serial card's backup clock-source is driving H.100 Bus
IP	Informational	STISNIFFING	STI Sniffing is enabled, may degrade performance.
IP	Informational	BADSTREAMON	Foreign UDP stream detected from %s:%d to %s:%d
IP	Informational	BADSTREAMOFF	Foreign UDP stream to port %d has gone away
IP	Error	ICMP SOCKET	Interface %s: Unable to create ICMP socket.
IP	Error	H225 SOCKET	Interface %s: Unable to create H.225 TCP server socket.
IP	Error	BMP SOCKET	Interface %s: Unable to create BMP server socket.
IP	Error	SBCP SOCKET	Interface %s: Unable to create SBCP server socket.
IP	Error	SNMP SOCKET	Interface %s: Unable to create SNMP socket.
IP	Error	SIP SOCKET	Interface %s: Unable to create SIP socket.
IP	Error	SPMC SOCKET	Interface %s: Unable to create SPMc socket.
IP	Error	SPMS SOCKET	Interface %s: Unable to create SPMs socket.
IP	Error	JITBUFOVFLOW	Jitter buffer for serial interface 0x%04x overflowed.
IP	Error	SERCLKBAD	Serial interface 0x%04x has out of tolerance clock.
IP	Error	SERPORTERR	Serial interface 0x%04x has reported error.

IP	Error	SEROSCBAD	Serial card's internal oscillator is out-of-tolerance.
IP	Error	IPCONFLICT	IP address %s (on interface 0x%04x) is already in use on the network.
IP	Error	CLISOCKET	Interface %s: Unable to create command-line interface server socket.
IP	Critical	IBPV2SOCKET	Interface %s: Unable to create IBPv2 socket.
IP	Critical	VTPV4SOCKET	Interface %s: Unable to create VTPv4 socket.

## ISDN Subsystem

Type	Severity	Name	Description
ISDN	Informational	BCHANINSERVICE	This B-Channel is going in service
ISDN	Warning	BADDIRECTION	This channel is not configured to process this request
ISDN	Warning	BCHANOUTSERVICE	This B-channel is going out of service
ISDN	Error	ABORTTASKFAIL	The call on this line could not be aborted
ISDN	Error	BADAAACTION	Unknown AAA Action %d
ISDN	Error	BADSTATE	This channel received an event in unexpected state
ISDN	Error	MAKECALLNOINFO	An attempt was made to make a call with no call information present
ISDN	Error	MISSINGCALL	The information about this call was missing
ISDN	Error	MISSINGIE	Missing mandatory IE %s
ISDN	Error	MISSINGIEGROUP	Missing IE group for %s
ISDN	Error	MISSINGVOICE	Missing voice resource that was attached to this channel
ISDN	Error	NOMOREVOICE	No more voice resources available
ISDN	Error	PORTRESTART	Port is being restarted due to unhandleable RESTART message.
ISDN	Critical	CLEARDIGITS	Can't clear digits from voice resource

## ISUP Alarms

Type	Severity	Name	Description
ISUP	Informational	COTRECHECKPASSED	%s: COT test passed during rechecks. Circuit back in service.
ISUP	Warning	BADDIRECTION	%s: This channel is not configured to process this request.
ISUP	Warning	BADMESSAGE	%s: A bad message was received from the messaging system.
ISUP	Warning	MISSINGIE	%s: Missing mandatory IE %s
ISUP	Warning	MAKECALLNOINFO	%s: An attempt was made to make a call with no call information present.
ISUP	Warning	L1SET	NMS Card %d, Port %d: %s set
ISUP	Warning	L1CLEARED	NMS Card %d, Port %d: %s cleared
ISUP	Error	BADSTATE	%s: This channel received an event in unexpected state.
ISUP	Error	MISSINGCALL	%s: The information about this call was missing.

ISUP	Error	NOMOREVOICE	%s: No more voice resources available
ISUP	Error	MISSINGIEGROUP	%s: Missing IE group for %s
ISUP	Error	ABORTTASKFAIL	%s: The call on this line could not be aborted.
ISUP	Error	ATTACHLINKFAILED	%s: TDM channel failed to attach link.
ISUP	Error	COTTESTFAILED	%s: Incoming COT test failed on the circuit
ISUP	Error	ANNOUNCEMENTFAIL	%s: Failed to play MLPP announcement %s
ISUP	Critical	UNROUTEVOICE	%s: Can't unroute voice resource
ISUP	Critical	ROUTEVOICE	%s: Can't route voice resource
ISUP	Critical	CLEARDIGITS	%s: Can't clear digits from voice resource
ISUP	Critical	ISUPMESSAGE	%s: Can't send ISUP Message %s to the network
ISUP	Critical	RLCNOTRECV	%s: a RLC message to release this circuit has not been received, going OOS sending a reset.

## IVR Subsystem Alarms

The IVR subsystem alarms are generated by IVR scripts running on the VX node, and their content is dependent upon the script in one. One alarm type exists for each severity level, as in the following table:

Type	Severity	Name	Description
IVR	Informational	INFO	%s
IVR	Normal	NORMAL	%s
IVR	Warning	WARN	%s
IVR	Error	ERROR	%s
IVR	Emergency	EMERG	%s
IVR	Critical	CRIT	%s
IVR	Alert	ALERT	%s

## RTP Alarms

Type	Severity	Name	Description
RTP	Informational	DEADCALL	%s stream appears dead. Tearing down call with CSN 0x%04x.
RTP	Critical	STARTFAIL	RTP subsystem failed to initialize

## Serial Alarms

Type	Severity	Name	Description
SER	Informational	SERCLKCHGD	Clock rate changed on serial interface 0x%04x.
SER	Informational	SEROSCCTBUS	Serial card's internal oscillator driving H.100 Bus.
SER	Informational	SERPRICTBUS	Serial card's primary clock-source is driving H.100 Bus (this could be different from primary clock-master)

SER	Informational	SERBKPCTBUS	Serial card's backup clock-source is driving H.100 Bus
SER	Informational	SEROSCOK	Serial card's internal oscillator is in-tolerance.
SER	Informational	SERCLKOK	Serial interface 0x%04x has in tolerance clock.
SER	Informational	JITBUFRESYNC	Jitter buffer for serial interface 0x%04x resynchronised.
SER	Informational	SERSWCTBUSA	Clock switched over to H.100 Bus-A
SER	Informational	SERSWCTBUSB	Clock switched over to H.100 Bus-B
SER	Informational	IFACEUP	Serial interface 0x%04x is UP
SER	Informational	IFACEDN	Serial interface 0x%04x is DOWN
SER	Error	SERPORTERR	Serial interface 0x%04x has reported error.
SER	Error	SEROSCBAD	Serial card's internal oscillator is out-of-tolerance.
SER	Error	JITBUFOVFLOW	Jitter buffer for serial interface 0x%04x overflowed.
SER	Error	SERCLKBAD	Serial interface 0x%04x has out of tolerance clock.

## SIG Alarms

Type	Severity	Name	Description
SIG	Error	CLISOCKET	Unable to create command-line interface server socket.
SIG	Warning	PEERDOWN	Peer has been declared down.
SIG	Information	PEERUP	Peer has been declared up.

## SIP Alarms

Type	Severity	Name	Description
SIP	Informational	FQDNRESOLUTIONFAILED	FQDN resolution for %s failed due to negative DNS response
SIP	Informational	REGISTRATION_SUBSTATUS	Registration Status for local address %s, external address %s changed to %s
SIP	Error	NO_FREE_SESSIONS	No more free SIP sessions available, system run out of resources
SIP	Error	REGISTRATION_SUBSTATUS	Registration Status for local address %s, external address %s changed to %s
SIP	Warning	TRANSPORTDIFFER	Proxy supports a different transport than the one configured in this Trunkgroup.
SIP	Warning	REGISTRATION_SUBSTATUS	Registration Status for local address %s, external address %s changed to %s

## System Alarms

Type	Severity	Name	Description
System	Warning	SW_LOGIN	User %s logged in at %s , Session established from client at %s

System	Warning	SW_LOGOUT	User %s logged out at %s , Session terminated from client at %s
System	Warning	SW_AUTHFAILED	Login attempt through username %s at %s from client at %s failed authentication.
System	Warning	SW_USERLOCKED	User %s has been locked at %s due to repeated authentication failure from %s
System	Warning	SW_PASSWDEXPIRE	User %s's password has expired. Disabled user at %s. Client IP : %s
System	Warning	SW_USERTIMEOUT	Account %s has not been used for a login time, Disabled the account at time %s , Client IP %s
System	Warning	SB_LOGIN	User %s logged in at %s, Session established from client at %s
System	Warning	SB_LOGOUT	User %s logged out at %s , Session terminated from client at %s
System	Warning	SB_AUTHFAILED	Login attempt through username %s at %s from client at %s failed authentication.
System	Warning	SB_PASSWDCHANGE	User %s changed access password at %s from client at %s
System	Warning	SB_PASSWDEXPIRE	User %s's password has expired. Disabled user at %s. Client IP : %s
System	Warning	SB_USERTIMEOUT	Account %s has not been used for a login time, Disabled the account at time %s , Client IP %s
System	Warning	CERTIFICATE_EXPIRED	%s : Certificate already expired
System	Warning	CERTIFICATE_EXPIRING	%s : %d %s left for certificate expiry
System	Warning	LICENSE_EXPIRING	License is going to expire in %d days
System	Warning	TIMEOFFSETTOOLARGE	Time has changed more than %d days since last reboot. A reboot is recommended at this time
System	Warning	PWDEXPIRYINDAYS	User %s's password will expire in %d days
System	Warning	SERIAL_ACCESS	VX accessed through serial CLI by pressing Ctrl-%c
System	Warning	SSM_ACTIONTAKEN	SSM has taken action against possibly unwanted software - check the SSM log for details.
System	Warning	LOG_DISK_LOW	Disk logging may be stopped. %u percent disk space left.
System	Warning	DISKERROR	Cannot access disk or disk full, userlogs and/or alarm logs may not get recorded
System	Warning	SB_USERLOCKED	User %s has been locked at %s due to repeated authentication failure from %s
System	Critical	STOPFAIL	%s failed to stop.
System	Critical	STOPTIMEEXCEEDED	%s failed to stop within the allotted time period (%d milliseconds).
System	Critical	HALTTIMEEXCEEDED	System halt failed to complete.
System	Critical	WINSOCKINIT	Windows Sockets initialization failed.
System	Critical	UNCLEANSHUTDOWN	Last system shutdown was unexpected.
System	Critical	MISSINGDEP	%s depends on %s, but %s does not exist.
System	Critical	INVALIDHASP	Invalid/expired license HASP or activation key.

System	Critical	RESTARTSPM	Restarting system to bring dead SPM back to life.
System	Critical	DEADLOCK	An internal deadlock has been detected.
System	Critical	SHUTDOWNSTARTED	VX is now shutting down, initiated by %s
System	Critical	SHUTDOWNRETRY	The system has failed to shut down, code %d. Try again in a few minutes.
System	Critical	SHUTDOWNFAILURE	The system has failed to shut down, code %d.
System	Critical	SYSRESTARTMEM	System needs restart as it does not have enough memory. Percentage of available physical memory is %d.
System	Critical	HOSTNAMEFAIL	Failed to set the OS Hostname.
System	Critical	DNSSUFFIX	Failed to set primary DNS-Suffix.
System	Critical	ALREADYINDOMAIN	Node is already in domain.Please unjoin the node from domain before setting hostname.
System	Critical	INVALIDHOSTNAME	Reboot is required to synchronize hostname and nodename.
System	Critical	START FAIL	%s failed to start.
System	Critical	STARTTIMEEXCEEDED	%s failed to start within the allotted time period (%d milliseconds).
System Critical	Critical	SECEVENT*NOTLOGGED	Security event could not be recorded.
System	Critical	LICENSEEXPIRED	License has reached it's expiration point. All features are now disabled.
System	Critical	LOG_DISK_FULL	Disk logging has been stopped as disk space reached configured limits.
System	Critical	NOLICENSE	No %s license available
System	Critical	LICENSEOVER	Licensed features are over licensed limits.
System	Critical	ERASE_CONFIG	System is going to erase the entire configuration now
System	Critical	FACTORYRESET	This node has been factory reset. All configuration and user data is being scrubbed clean

## General Telephony Alarms

Type	Severity	Name	Description
TEL	Normal	ROUTERRELOADOK	Background routing table reload completed successfully.
TEL	Informational	MULTIFRAMECLR	%d:%d:%d: Port no longer searching for multiframe
TEL	Informational	CLOCKCHANGED	%d:%d:%d: Network clock source has changed to port %d
TEL	Informational	CLOCKFALLBACK	Card %d: clock source changed from %s to %s
TEL	Informational	YELALARMCLR	%d:%d:%d: Port has cleared yellow alarm
TEL	Informational	BLUALARMCLR	%d:%d:%d: Port has cleared blue alarm
TEL	Informational	LOFCLR	%d:%d:%d: Port has cleared Loss Of Frame condition



TEL	Informational	LOSCLR	%d:%d:%d: Port has cleared Loss Of Sync condition
TEL	Informational	DCHANUP	%d:%d:%d: D-Channel is up
TEL	Informational	CRCALARMCLR	%d:%d:%d: Port cleared CRC error notification
TEL	Informational	CDROLDHEAP	Please remove old heap files from %s (tagged %s)
TEL	Informational	CDROLDFAILED	Please remove old failed CDR file (%s)
TEL	Informational	NEWPEER	New Peer added in peer table: peerType - %d, peerNodeID - %s, peerIpAddress - %s, peerFQDN - %s, peerInterface - %s, peerPingInterval - %d, boostMultiplier - %d, failureHoldOff - %d, vtpTimeOut - %d, diffServLevel - %s, peerUpPings - %d, peerDownPings - %d transporttype - %s
TEL	Informational	DELETEDPEER	Peer deleted from peer table: peerType - %d, peerNodeID - %s, peerIpAddress - %s, peerFQDN - %s, peerInterface - %s, peerPingInterval - %d, boostMultiplier - %d, failureHoldOff - %d, vtpTimeOut - %d, diffServLevel - %s, peerUpPings - %d, peerDownPings - %d transporttype - %s
TEL	Informational	REDALARMCLR	%d:%d:%d: Port has cleared red alarm
TEL	Warning	OTHERFAILCLR	%d:%d:%d: Port has cleared an unknown failure
TEL	Warning	OUTOFSTUDSPS	Card %d: is out of STU DSPs, currently has %d STU relay calls
TEL	Warning	ROUTESKIPPED	Route Overflow occurred on Route Table %d, Entry %d, Trunk Group %d : Reason %s.
TEL	Warning	SKIPPEDROUTEUSED	Route Overflow cleared on Route Table %d, Entry %d, Trunk Group %d.
TEL	Warning	CALLREROUTE	Call re-routed for Called No %s, Original Called No %s, Routing Table %d, Previous Matching Entry %d, Next Matching Entry %d.
TEL	Warning	SKIPPEDROUTERECONFIG	Configuration change occurred on Route Table %d, Clearing all Overflowing Routes on the Route Table.
TEL	Warning	OUTOFDSPS	Failed to find DSP for %s
TEL	Error	ROUTERRELOADFAILED	Background routing table reload failed - no changes made.
TEL	Error	REDALARM	%d:%d:%d: Port has entered red alarm
TEL	Error	YELALARM	%d:%d:%d: Port has entered yellow alarm
TEL	Error	STILICENSEFAIL	Card %d: STI card Sernum: %d does not have a license for all required codecs. Obtain updated license.
TEL	Error	STINETCODERLICENSEFAIL	Card %d: STI card Sernum: %d does not have a license for Netcoder. Card is functional, but requires a new license.
TEL	Error	BLUALARM	%d:%d:%d: Port has entered blue alarm
TEL	Error	LOF	%d:%d:%d: Port has entered Loss Of Frame condition
TEL	Error	LOS	%d:%d:%d: Port has entered Loss Of Sync condition
TEL	Error	DHANDOWN	%d:%d:%d: D-Channel is down
TEL	Error	CRCALARM	%d:%d:%d: Port receiving CRC error notification
TEL	Error	MULTIFRAME	%d:%d:%d: Port searching for multiframe (CRC)

TEL	Error	CDROLDHEAPFAIL	Failed to import CDR record from old heap.
TEL	Error	CDROLDFAILFAIL	Failed to import CDR record from old Failed CDR log.
TEL	Error	WANCLEARFAILED	WAN Connection failed to clear - check line. Manual disconnection may be required.
TEL	Error	BLOCKEDPRECEDENCE	Insufficient resources for precedence call CSN 0x%04X on channel %s, blocked by higher precedence calls.
TEL	Error	UNAUTHPRECEDENCE	Call request precedence for CSN 0x%04X exceeds maximum configured precedence.
TEL	Critical	CDRLOST	CDR logging is enabled, but CDR logging failed. CDR for CSN 0x%04x has been lost.
TEL	Critical	ACCOUNTSTARTFAIL	RADIUS Account Start Request failed! (CSN 0x%04x) Check SHOUTgate and/or RADIUS server.
TEL	Critical	OTHERFAIL	%d:%d:%d: Port has experienced an unknown failure
TEL	Critical	DRIMPORTFAILED	Failed to open temporary CDR file for import - manual intervention required.