

## CTC-4-MSGSENDFAILED

SEVERITY: Error  
FORMAT: "%s Failed to send message to epid 0x%x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to send message to the specified End Point Id"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-EPIDINSTATEFAIL

SEVERITY: Error  
FORMAT: "%s Failed to instantiate CTC epid"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to instantiate the specified End Point Id"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MSGALLOCFAILED

SEVERITY: Error  
FORMAT: "%s Failed to allocate message "  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to allocate message"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-APPCRETF FAILED

SEVERITY: Error  
FORMAT: "%s Failed to create application Appld %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to create application"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-3-APPSPAWNFAILED

SEVERITY: Minor Alert

FORMAT: "%s Failed to spawn application Appld %x"

FLAG: Stack Trace|Write to Bram

THROTTLING: One Tick

EXPLANATION: "CTC has failed to properly spawn an app"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-EVTGENRATEFAILE

SEVERITY: Error

FORMAT: "%s%d Event Generate Api failed for event %x"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "EventGenerate APi failed for an event"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-CDSTCHGREPORTFA

SEVERITY: Error

FORMAT: "%s Failed to send CD\_ST change message to SHM "

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "Failed to send the Card State Change message to SHM"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-APPSTCHGREPORTF

SEVERITY: Error  
FORMAT: "%s App Id 0x%x Failed to report APP\_ST change to CTC"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to report/send Application State Change message to CTC"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-EVTSENDTOSTMCHN

SEVERITY: Error  
FORMAT: "%s Failed to send 0x%x event to CTC state Machine"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to send the specified event to CTC SM"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTCEVTRGSTRFAIL

SEVERITY: Error  
FORMAT: "%s CTC failed to register with SHM for events"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "CTC failed to register with SHM for events"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTMALLOCERRO

SEVERITY: Error  
FORMAT: "%s CTC counter error %s"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "CTC encounter a malloc related error.."

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-INCORRECTSLOTIN

SEVERITY: Error

FORMAT: "%s Incorrect/invalid information received"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "Invalid information is received"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-MEMALLOCFAILED

SEVERITY: Error

FORMAT: "%s Failed to allocate memory"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "Memory allocation failed"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-APPSTCHGRPRTFAI

SEVERITY: Error

FORMAT: "%s APP Id- 0x%x failed to report state change"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "Application failed to report a state change transition"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-APPEVTRGSTRFAIL

SEVERITY: Error  
FORMAT: "%s App Id- 0x%x failed to register for CTC events"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Application failed to register for CTC events"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-UNKNOWNEVTRCVD

SEVERITY: Error  
FORMAT: "%s UnKnown event/msg received"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Unknown Event message is received"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INCORRECTEVTRCV

SEVERITY: Error  
FORMAT: "%s Unexpected event/msg received from app Id- 0x%x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Unexpected Event message received from Application"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-UNKNOWNSTATE

SEVERITY: Error  
FORMAT: "%s App Id- 0x%x has Unknown/Invalid state"  
FLAG: Stack Trace  
THROTTLING: One Tick

EXPLANATION: "Application had an invalid state"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INCORRECTDATALE

SEVERITY: Error  
FORMAT: "%s parameter %s has Unknown/Invalid length"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Parameter has invalid length"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INVALIDCDST

SEVERITY: Error  
FORMAT: "%s The card state %d is Unknown/Invalid"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Card state is invalid"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INVALID\_OLD\_API

SEVERITY: Error  
FORMAT: "%s An old model API called by a new model app (AppId 0x%x)"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "API called by the application is not allowed"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INVALID\_NEW\_API

SEVERITY:	Error
FORMAT:	"%s A new model API called by a old model app (AppId 0x%x)"
FLAG:	Stack Trace
THROTTLING:	One Tick
EXPLANATION:	"API called by the application is not allowed"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	No Required Info

## CTC-4-FATALERRCALLED

SEVERITY:	Error
FORMAT:	"%s An App with Appid 0x%x invoked the fatalerror API with errno 0x%x \n"
FLAG:	Stack Trace   Write to Bram
THROTTLING:	One Tick
EXPLANATION:	"Application reported FATAL error"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	No Required Info

## CTC-4-CTC\_EPFAILED

SEVERITY:	Error
FORMAT:	"%s CTC Communications Endpoint FAILED (errno 0x%x)"
FLAG:	Stack Trace
THROTTLING:	One Tick
EXPLANATION:	"CTC Communications Endpoint FAILED"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	No Required Info

## CTC-4-CTC\_EPATTACH\_FA

SEVERITY:	Error
FORMAT:	"%s CTC Com EP attach failed epid 0x%x (errno 0x%x)"
FLAG:	Stack Trace
THROTTLING:	One Tick

EXPLANATION: "CTC Communications Endpoint attach/bind failed"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTC\_INVALID\_MSG

SEVERITY: Error  
FORMAT: "%s Invalid message received"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "An invalid message is received"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTC\_INVALID\_MSG

SEVERITY: Error  
FORMAT: "%s CTC Invalid message data received"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Invalid CTC messae data is received"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-DRV\_ACK\_SEND\_FA

SEVERITY: Error  
FORMAT: "%s%d Failed to send drv cmds ack back to SHM"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to send drv cmds ack back to SHM"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info



## CTC-4-XOVER\_ACK\_SEND\_

SEVERITY: Error  
FORMAT: "%s%d Failed to send Xover cmds ack back to SHM"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to send Xover cmds ack back to SHM"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-SYS\_EVENT\_FAILE

SEVERITY: Error  
FORMAT: "%s System event send failed, event = %d, errno=0x%x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Could not send a CTC System Event"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTC\_SHM\_API\_FAI

SEVERITY: Error  
FORMAT: "%s %s() failed, errno = 0x%x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "The Shelf Manager API call failed"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTC\_SHM\_EXT\_TIM

SEVERITY: Error  
FORMAT: "%s %s() failed, errno = 0x%x, errCode = 0x%x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "The Shelf Manager API call failed"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## **CTC-4-CTC\_INVALID\_CD\_**

SEVERITY: Error

FORMAT: "%s Received an invalid card state (0x%x)"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "An invalid card state is received"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## **CTC-4-CTC\_INVALID\_CMD**

SEVERITY: Error

FORMAT: "%s Received invalid command length actual 0x%x, expected 0x%x"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "An invalid command length is received"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## **CTC-4-CTC\_INVALID\_DAT**

SEVERITY: Error

FORMAT: "%s SHM Data Inconsistency %s = 0x%x, expected = 0x%x"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "Invalid data"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-CTC\_SHM\_NOTIFY\_

SEVERITY: Error  
FORMAT: "%s SHM state change notification failed (%d), errno=0x%x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "SHM state change notification failed"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTC\_INVALID\_LP\_

SEVERITY: Error  
FORMAT: "%s Invalid local port message received (%s = 0x%x)"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "An invalid local port message is received"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-CTC\_INVALID\_CD\_

SEVERITY: Error  
FORMAT: "%s Invalid card type received from SHM %d (0x%x)"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "An invalid card type is received from SHM"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-UNKNOWN\_DRV\_CMD

SEVERITY: Error  
FORMAT: "%s%d An unknown/unidentified drv. cmd was received "  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "An unknown drv cmd was received at the CTC"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-INVALID\_APPID

SEVERITY: Error

FORMAT: "%s%d the calling application has invalid Appid (0x%x) "

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "the calling application has invalid Appid"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-NON\_LC\_APP

SEVERITY: Error

FORMAT: "%s%d the calling application is non-LC compliant "

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "the calling application is non-LC compliant"

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-5-TZGETFAILED

SEVERITY: Warning

FORMAT: "%s%d CTC failed to get Timezone info from ssi"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "ssiTimeZoneGet value returned ERROR to CTC"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CTC-5-TMGETFAILED

SEVERITY: Warning

FORMAT: "%s%d CTC failed to get TimeofDay info from ssi"

FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "ssiTimeofdayGet value returned ERROR to CTC"  
RECOMMENDED ACTION: No Recommended Action  
REQUIRED INFO: No Required Info

## CTC-4-TODSETERR

SEVERITY: Error  
FORMAT: "%s%d Could not set timeofday"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "ssiTimeOfDaySet returned an error"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-TZSETERR

SEVERITY: Error  
FORMAT: "%s%d Could not set timezone"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "ssiTimeZoneSet returned an error"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-LCENTRYINUSE

SEVERITY: Error  
FORMAT: "%s LC Table entry %x already in use"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "LC table entry is already in use"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-EVTMODEINVALID

SEVERITY: Error  
FORMAT: "%s Event mode %x invalid for appld %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "The event mode is invalid for the Application"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-LCENTRYNOTSET

SEVERITY: Error  
FORMAT: "%s control parms not set for LC Table entry %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "The control parameters are not set for the specified LS table entry"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

### CTC-4-ROOTSKCREATFAIL

SEVERITY: Error  
FORMAT: "Failed to create app root task, appid %x, rc %x, errno %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to create the Application's root task"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-ROTTASKFAILED

SEVERITY: Error  
FORMAT: "App root task failed, appid %x, rc %x, errno %x"  
FLAG: Stack Trace | Write to Bram  
THROTTLING: One Tick  
EXPLANATION: "Application's root task failed"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-4-EVTEPDCREATFAIL

SEVERITY: Error  
FORMAT: "Failed to create evt rcvr epid, appid %x, rc %x, errno %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to create Event receiver end point Id for the Application"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-EVTEPIDATCHFAIL

SEVERITY: Error  
FORMAT: "Failed to attach handler to evt rcvr epid 0x%x, appid %x, handler %x, rc %x, errno %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to attach Event handler to the event receiver end point Id for the Application"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-EVTDELIVERFAIL

SEVERITY: Error  
FORMAT: "%s Failed to deliver evt %x to app %x, evtLen %d, rc %x, errno %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Failed to send Event to an Application"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-APPEVTHDLRFAIL

SEVERITY: Error

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FORMAT: "%s App evt hdlr failed, evt %x, app %x, evtLen %d, rc %x, errno %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Application's event handler failed"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-NONEVTMSGRCVD

SEVERITY: Error  
FORMAT: "Non-event message %x received, app %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "A Non-Event message is received"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-NONNULLRCVID

SEVERITY: Error  
FORMAT: "Unable to process sync message, app %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Unable to process sync message for the Application"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-FAILEDAPICALLED

SEVERITY: Error  
FORMAT: "%s%d Failed API call by Appld 0x%x"  
FLAG: Stack Trace | Write to Bram  
THROTTLING: One Tick  
EXPLANATION: "An application failed to transition to next state"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.



REQUIRED INFO: No Required Info

## CTC-4-EVENTREGISTERIN

SEVERITY: Error  
FORMAT: "Event is registered for different appld, current appid %x, request appid %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "A request to register for a card event was made by a different appld than the one currently registered."  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INVALIDAPPNAME

SEVERITY: Error  
FORMAT: "Invalid App Name %s"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "An invalid App name was passed in"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INVALIDEVENT

SEVERITY: Error  
FORMAT: "%s%d Invalid event was passed %x"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "An invalid event was passed in"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-INVALID\_LIFECYC

SEVERITY: Error

FORMAT: "%s%d Can't register/unregister mandatory life-cycle events (%x)"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "An mandatory life-cycle event was specified"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: No Required Info  
**CTC-4-CD\_EVT\_REGIS\_FA**  
 SEVERITY: Error  
 FORMAT: "%s%d card event registration for event %x failed"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: " card event registration for a given event failed"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: No Required Info

## **CTC-4-INVALID\_ST\_QUAL**

SEVERITY: Error  
 FORMAT: "%s%d An event with invalid state qualifier %d was received"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "An event with invalid state qualiifer was received at CTC"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: No Required Info

## **CTC-4-MSGBROADCASTFAI**

SEVERITY: Error  
 FORMAT: "%s Failed to send message to %s epid 0x%x"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "Failed to send message to an End point Id"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: No Required Info

## CTC-4-MCAST\_RMI\_REGIS

SEVERITY: Error  
FORMAT: "%s%d Failed to register MCAST port with RMI"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "CTC failed to register mcast event receive port with RMI "  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTINVALIDDAT

SEVERITY: Error  
FORMAT: "%sInvalid %s %d. Must be %d"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver received a multicast message on a invalid port or the message had a wrong version number on it"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTHDRLENMISM

SEVERITY: Error  
FORMAT: "%sMessage Seq No %d Message Len %d, Header Len %d"  
FLAG: No Flag  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver received a message in which the length of the message was less than the Multicast protocol header length"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-5-MCASTUNKNOWN EVT

SEVERITY: Warning  
FORMAT: "%sMessage Seq No %d Unknown Event 0x%x"  
FLAG: No Flag  
THROTTLING: One Tick

EXPLANATION: "Multicast receiver received a message in which there was an event that could not be recognized by the receiver"  
RECOMMENDED ACTION: No Recommended Action  
REQUIRED INFO: No Required Info

## CTC-4-MCASTEVTLENMISM

SEVERITY: Error  
FORMAT: "%sMessage Seq No %d Event 0x%x is of length %d"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver received a message in which an event length did not match the length expected by the receiver"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTMSGTOOSHOR

SEVERITY: Error  
FORMAT: "%sMessage Seq No %d Message length %d too short at event 0x%x"  
FLAG: No Flag  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver received a message which was too short to hold all the events in the message"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTTOOMANYLOS

SEVERITY: Error  
FORMAT: "%s Message Seq No %d Too many messages missed. Last seen seq no %d"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver missed too many messages in between the current one and the previous one"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: No Required Info

## CTC-5-REXMTPARAMCHG

SEVERITY: Warning  
FORMAT: "%s%d - REXmission parameters changed rexmtCount %d, rexmitInt %d "  
FLAG: No Flag  
THROTTLING: One Tick  
EXPLANATION: "REXmission parameters are changed from old values to New set of parameters"  
RECOMMENDED ACTION: No Recommended Action  
REQUIRED INFO: No Required Info

## CTC-4-MCASTEXTRAMSG

SEVERITY: Error  
FORMAT: "%s Received extra packet received seqNo %d, prevSeqNo %d, NewSeqNo count %d "  
FLAG: No Flag  
THROTTLING: One Tick  
EXPLANATION: "Mcast Receiver Received extra packets before newseqCount changes "  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTPKTTOO\_OLD

SEVERITY: Error  
FORMAT: "%sMessage Seq No %d Pkt received is old. Last seen seq no %d"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver has received pkt which is much older or previous than the last seen"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCASTTIMEOUT

SEVERITY: Error  
FORMAT: "%sLast Message Seq No %d rexmt count %d rexmt interval %d Time out %d"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver did not get any messages before the timeout period"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-5-MCASTTIMERCANER

SEVERITY: Warning  
FORMAT: "%sCould not Cancel Timeout previously set"  
FLAG: No Flag  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver could not cancel the timeout"  
RECOMMENDED ACTION: No Recommended Action  
REQUIRED INFO: No Required Info

## CTC-1-MCASTTIMERSCHED

SEVERITY: Fatal  
FORMAT: "%sCould not schedule timeout"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver could not schedule a timeout"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-5-MCASTWARN

SEVERITY: Warning  
FORMAT: "%sWARNING %s"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver issued a warning"

RECOMMENDED ACTION: No Recommended Action  
REQUIRED INFO: No Required Info

## CTC-4-MCASTERROR

SEVERITY: Error  
FORMAT: "%sERROR %s"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast receiver encountered an error"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCAST\_SEQNO\_ERR

SEVERITY: Error  
FORMAT: "Multi-cast events may have been lost on slot %d, got 0x%x (expected 0x%x)"  
FLAG: Stack Trace  
THROTTLING: One Tick  
EXPLANATION: "Multicast events may have been lost during switch-over"  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-MCAST\_XBAR\_SLOT

SEVERITY: Error  
FORMAT: "Xbar Slots expected = %d, received = %d"  
FLAG: No Flag  
THROTTLING: One Tick  
EXPLANATION: "Multicast message from Xbar exceeding bounds."  
RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
REQUIRED INFO: No Required Info

## CTC-4-DRV\_ENABLE\_FAIL

SEVERITY: Error

FORMAT: "%s:%d Failed to enable drivers %s"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "CTC failed to enable drivers which have been registered by the applications "  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: Collect output from dsplog, dsprev before notifying TAC.

## CTC-4-XOVER\_CMD\_FAILE

SEVERITY: Error  
 FORMAT: "%s:%d Failed to process Xover cmd %s"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "CTC failed to process xover cmd"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: Collect output from dsplog, dsprev before notifying TAC.

## DDTS "ctc"

### RAT-4-RATERR001

SEVERITY: Error  
 FORMAT: "RAT Exception Handler() called for \"%s\", exception 0x%08X."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The RAT has received an unexpected exception and the parameter passed in is not valid"  
 RECOMMENDED ACTION: Reset the card. If the problem persists copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

### RAT-4-RATERR002

SEVERITY: Error



**FORMAT:** "RAT Exception Handler ssiFree() failed for \"%s\", addr 0x%08X."  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "The memory free failed during the exception handler."  
**RECOMMENDED ACTION:** Reset the card. If the problem persists copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR003

**SEVERITY:** Warning  
**FORMAT:** "Event received for \"%s\" but current event status is \"%s\"."  
**FLAG:** No Flag  
**THROTTLING:** Hundred Milliseconds  
**EXPLANATION:** "The RAT has received an event while processing another event."  
**RECOMMENDED ACTION:** No Recommended Action  
**REQUIRED INFO:** No Required Info

## RAT-4-RATERR004

**SEVERITY:** Error  
**FORMAT:** "Interactive Task death occurred in \"%s\" system, task \"%s\" (%d) "  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "An interactive child task has abnormally ended."  
**RECOMMENDED ACTION:** Reset the card. If the problem persists copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR005

**SEVERITY:** Error  
**FORMAT:** "Callback Task death occurred in \"%s\" system, task \"%s\" (%d) "  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "A callback child task has abnormally ended."

**RECOMMENDED ACTION:** Reset the card. If the problem persists copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR006

**SEVERITY:** Error

**FORMAT:** "ssilpcMessageFree(pMblk = 0x%08X) failed, result was 0x%08X."

**FLAG:** No Flag

**THROTTLING:** No Throttling

**EXPLANATION:** "An ssilpcMessageFree failed when it should not have. Potential memory leak"

**RECOMMENDED ACTION:** Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.

**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR007

**SEVERITY:** Error

**FORMAT:** "RAT subsystem \"%s\" ssilpcMessageAllocate (size %d) failed."

**FLAG:** No Flag

**THROTTLING:** No Throttling

**EXPLANATION:** "An ssilpcMessageAllocate failed when it should not have."

**RECOMMENDED ACTION:** Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.

**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR008

SEVERITY:	Error
FORMAT:	"Rat \"%s\" ssilpcMessageSend(Epid 0x%08X, pMblk 0x%08X) result 0x%08X."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"An ssilpcMessageSend failed when it should not have."
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR009

SEVERITY:	Error
FORMAT:	"Role change attempt invalid at end of event handler, status = \"%s\" (%d)"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The RAT has detected an invalid state at the end of the event handler logic. This is most likely due to a logic failure with the RAT"
RECOMMENDED ACTION:	Reset the card. If the problem persists copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-7-RATERR010

SEVERITY:	Information
FORMAT:	"Subsystem \"%s\", Interactive child task has abnormally ended. <taskName,taskId> = <\"%s\",%d>"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Interactive child task has abnormally ended."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-5-RATERR011

SEVERITY: Warning  
 FORMAT: "Invalid start mode \"%s\" (%d) passed to ratMain."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Unexpected start up mode"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR012

SEVERITY: Warning  
 FORMAT: "ssiTaskInitAck failed, result is 0x%08X."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "This Task is trying to acknowledge the task spawner the initialization status of the task. However, an error has occur, this task might die resulting from the error."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR013

SEVERITY: Information  
 FORMAT: "rat\_init() failed. Cardrole = \"%s\" (%d), status = \"%s\" (%d)."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "This task(RAT) failed to initialize it structure."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR014

SEVERITY: Warning  
 FORMAT: "An overall timeout occurred for \"%s\" RAT tasks."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "A RAT timeout results when one or more children takes longer to perform a state change request than is allocated for the effort."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR015

SEVERITY:	Warning
FORMAT:	"Subsystem \"%s\", Can not attach handler. <task,id,epid,result> = <\"%s\", %d, 0x%08X, %d>."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The RAT could not attach the handler function to the communications endpoint."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-7-RATERR016

SEVERITY:	Information
FORMAT:	"\"%s\" RAT, task \"%s\" (%d) completes \"%s\" (%d) request."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"This task has successfully processed the request"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-4-RATERR017

SEVERITY:	Error
FORMAT:	"The \"%s\" subsystem RAT died, return code 0x%08X."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The task has died or no longer in service"
RECOMMENDED ACTION:	Reset the card. If the problem persists copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR018

SEVERITY:	Warning
FORMAT:	"Subsystem \"%s\", RAT role change timeout occurred for child task Id %d."
FLAG:	No Flag
THROTTLING:	No Throttling

EXPLANATION: "Task timer expires before the task has completed."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR019

SEVERITY: Warning  
 FORMAT: "RAT timeout occurred for task %d when state was \"%s\" (%d)."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "An timeout event has occur where it shouldn't have been"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-4-RATERR020

SEVERITY: Error  
 FORMAT: "Invalid child id passed from child to RAT subsystem \"%s\", offset = %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Somehow the child passed us an invalid offset."  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR021

SEVERITY: Warning  
 FORMAT: "Can not allocate resource, size = %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to allocate resource for this task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR022

SEVERITY: Warning  
 FORMAT: "ssiSynchTimerCreate() failed , result = %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to create synchronous timer for this task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR023

SEVERITY: Warning  
 FORMAT: "Subsystem \"%s\", IPC end point create failed. <task,offset,epid> = <\"%s\", %d, 0x%08X>"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to create IPC communication end point."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR024

SEVERITY: Warning  
 FORMAT: "ssilpcComEpNameBind() subsys \"%s\" task \"%s\" (%d) rc= 0x%08X."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR025

SEVERITY: Information  
 FORMAT: "rat\_init\_attempt() exited, result = %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Stepping out of init function with invalid state"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERRO26

SEVERITY: Information  
 FORMAT: "rat\_children\_init() exited, state \"%s\" (%d), intrActvTskCnt %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Task is not successfully initialized. This can result in the death of the task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERRO27

SEVERITY: Warning  
 FORMAT: "Discovered child (offset %d) with illegal state \"%s\" %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task will die because the child's state is invalid"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERRO28

SEVERITY: Warning  
 FORMAT: "Subsystem \"%s\", task spawn failed. <taskname,offset> = <\"%s\",%d> "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Task spawn failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERRO29

SEVERITY: Warning  
 FORMAT: "RAT subsystem \"%s\", child task has not acknowledge. <task name, offset, status> = <\"%s\", %d, 0x%08X >."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Spawned task failed to acknowledge. This task will die."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info



## RAT-5-RATERR030

SEVERITY:	Warning
FORMAT:	"Ack for RAT \"%s\", task \"%s\" (%d) with unexpected status \"%s\" (0x%08X)."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The task receive ACK from it child but it child's status is not in processing mode. This will result in child's status to set to fail."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-5-RATERR031

SEVERITY:	Warning
FORMAT:	"RAT \"%s\" task offset (%d) exceeds range (%d)."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Timeout event receive from a child outside the range of the table"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-5-RATERR032

SEVERITY:	Warning
FORMAT:	"RAT can not find taskid %d in child table."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The task received a message from it children but it can't find a matching taskId from it child table "
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-4-RATERR033

SEVERITY:	Error
FORMAT:	"RAT \"%s\" taskId mismatch taskId 0x%08X, msgtaskId 0x%08X."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Task ID that was send from RAT is not match with current task id"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same

with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR034

SEVERITY: Warning  
 FORMAT: "RAT \"%s\", Unexpected response from child. <taskName,taskId, responseMsg,response> = <\"%s\", %d, \"%s\", %d>"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Unexpected response from child. Task will exit."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR035

SEVERITY: Information  
 FORMAT: "\"%s\" RAT, task \"%s\" (%d) started successfully."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "A regression test task has begun properly."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR036

SEVERITY: Information  
 FORMAT: "RAT \"%s\" task \"%s\", offset %d pending on \"%s\" (%d) request."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "A regression test task is waiting on a previous request."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR037

SEVERITY: Warning  
 FORMAT: "ratRoleChange() entered for \"%s\", status \"%s\" (%d) invalid."

FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task can not change role because it got invalid status"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR038

SEVERITY: Warning  
 FORMAT: "ratRoleChange() entered for \"%s\", request \"%s\" (%d) invalid."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task can not change role because it got invalid request"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR039

SEVERITY: Warning  
 FORMAT: "ratRoleChange() failed for \"%s\", request \"%s\" (%d) invalid."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Can not transition to new state. "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR040

SEVERITY: Warning  
 FORMAT: "RAT \"%s\", task \"%s\" (%d) state \"%s\" (%d) invalid."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task can not change role because it got invalid state"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR041

SEVERITY: Warning  
 FORMAT: "ssilpcMessageAllocate(%d) failed."  
 FLAG: No Flag  
 THROTTLING: No Throttling

EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR042

SEVERITY: Warning  
 FORMAT: "ssilpcMessageSend(epid 0x%08X, pMblk 0x%08X) failed, result %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR043

SEVERITY: Warning  
 FORMAT: "State request (%d, \"%s\") corrupted during rat\_child\_roleChange."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Unknow CTC state receive by RAT."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR044

SEVERITY: Warning  
 FORMAT: "ssiScheduleTimeout() failed for child \"%s\", offset %d, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task is trying to schedules a timeout event for each spawned child and it failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR045

SEVERITY: Warning  
 FORMAT: "ssiScheduleTimeout(%d) failed for overall timer, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling

EXPLANATION: "The task is trying to create a timeout event and it failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR046

SEVERITY: Warning  
 FORMAT: "User supplied callback (0x%08X) when passed \"%s\" did not return OK."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "User supplied function was called but return not OK"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-4-RATERR047

SEVERITY: Error  
 FORMAT: "rat\_child\_roleChange exit reached but state (\"%s\") is invalid."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task is in an invalid state"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR048

SEVERITY: Warning  
 FORMAT: "ctcApplGotoDbSyncState() failed, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR049

SEVERITY: Warning  
 FORMAT: "Role change failed invalid state combination."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR050

SEVERITY: Warning  
 FORMAT: "ctcApplGotoRdyState() failed, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR051

SEVERITY: Warning  
 FORMAT: "Role change failed invalid state combination."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR052

SEVERITY: Warning  
 FORMAT: "ctcApplGotoRdyState() failed, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR053

SEVERITY: Warning  
 FORMAT: "Role change failed invalid state combination."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR054

SEVERITY: Warning  
 FORMAT: "Invalid Child Id."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task received message from unknown source"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR055

SEVERITY: Warning  
 FORMAT: "Message from child (offset %d) but role change attempt was \"%s\"."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR056

SEVERITY: Warning  
 FORMAT: "Received unexpected message from child (offset = %d)"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "We shouldn't receive a message from a task where there aren't any outstanding requests"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR057

SEVERITY: Warning  
 FORMAT: "Invalid state!!! offset = %d, state = ("%s")."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The state of the child entry is invalid. Task failed."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR058

SEVERITY: Warning  
 FORMAT: "Unexpected response received from child task. offset = %d, expected resp = ("%s")."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Unexpected response received from child task. The response should be OK"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR059

SEVERITY: Warning  
 FORMAT: "ssiTimeoutCancel(), Can not cancel timeout timer for offset %d, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Can not cancel timeout timer for child task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-4-RATERR060

SEVERITY: Error  
 FORMAT: "ssilpcMessageFree(), Can not free message for offset %d, result %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Can not free memory. This can result in potential memory leak"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may



provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.

**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR061

**SEVERITY:** Warning  
**FORMAT:** "ssiTimeoutCancel(), Can not cancel overall timer, result %d"  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "Cancellation of timer failed"  
**RECOMMENDED ACTION:** No Recommended Action  
**REQUIRED INFO:** No Required Info

## RAT-5-RATERR062

**SEVERITY:** Warning  
**FORMAT:** "Role change attempt to \"%s\" results in \"%s\"."  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "Failed to transition to new state."  
**RECOMMENDED ACTION:** No Recommended Action  
**REQUIRED INFO:** No Required Info

## RAT-4-RATERR063

**SEVERITY:** Error  
**FORMAT:** "at end of rat\_comEpWait\_msgHdlr() state ("%s") is invalid."  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "The task is not successfully transition to new state"  
**RECOMMENDED ACTION:** Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.  
**REQUIRED INFO:** Enter the CLI commands dspcds, dspcd (for PXM and for the slot the

error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR064

SEVERITY: Warning  
 FORMAT: "Event contains invalid physical slot number %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR065

SEVERITY: Warning  
 FORMAT: "Event Type 0x%0X ignored, not applicable."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR066

SEVERITY: Information  
 FORMAT: "Exiting ssiEpComWaitLoop() via ssiMsgWaitExit(ERROR)."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The task is not successfully transition to new state"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR067

SEVERITY: Information  
 FORMAT: "Task \"%s\" specifies invalid priority %d, reset to %d, RAT is %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The user data tables for this task contain a priority setting that is not within the permissible range. The RAT reset the priority to an allowable value."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR068

SEVERITY: Warning

FORMAT: "RAT failed going to non provisioning"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The RAT was unable to transition to the non provisioning state. This could be due to a child task problem or logic failure within the RAT itself."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR069

SEVERITY: Warning

FORMAT: "RAT child failed to acknowledge a PXM switchover"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "A RAT child was failed to provide an acknowledgment of a PXM switchover. This is probably due to a child task problem."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR070

SEVERITY: Warning

FORMAT: "\"%s, A RAT child timeout was received for a child (%d) that does not exist"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "A RAT child timeout results when a state change request takes longer than is allocated for that child's state change effort. Normally this would be due to a child task taking too long, but in this case there was no outstanding request."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR071

SEVERITY: Warning

FORMAT: "RAT Child User Data table NULL."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The RAT Child User Data table contains an entry for which the pointer is NULL. This entry should point at a user data structure. This is mostly due to a structure initialization error on the part of the developer, check that the user data field is properly initialized."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR072

SEVERITY: Warning  
 FORMAT: "RAT Child User Data table entry 0 taskname is invalid."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The RAT Child User Data table should always contain a special entry at the beginning of the table that is properly initialized to indicate the start of the table. This first entry's task name should be set to a default value. See the ctc\_rat\_example.c code for further details."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR073

SEVERITY: Warning  
 FORMAT: "Could not allocate enough space (%d bytes) for global epid name."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The RAT attempted to allocate space to build the global epid name and the malloc failed. Most likely this indicates a resource allocation problem or possibly a memory leak."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR074

SEVERITY: Warning  
 FORMAT: "New Card Role (0x%08X) passed to RAT was invalid."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The RAT was passed an invalid card role value by the CTC during initialization. This could indicate a possible stack corruption or

perhaps a change in the CTC protocol that has not been reflected in the RAT."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR075

SEVERITY: Warning

FORMAT: "Can not find a valid offset into the RAT entries base on the TaskId(0x%08X), pRat 0x%08X) returns %d."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The conversion routine did not find an appropriate matching child in the table."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-7-RATERR076

SEVERITY: Information

FORMAT: "\"%s\" RAT, task \"%s\" (%d) pending \"%s\" (%d) completion."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The regression test task has been notified and the state change function is waiting for the task to update the appropriate flags."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR077

SEVERITY: Warning

FORMAT: "ssilpcComEpNameResolve(name \"%s\", slot %d) for task \"%s\" returns 0x%08X."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The ssilpcComEpNameResolve() function failed."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-7-RATERR078

SEVERITY: Information

FORMAT: "\"%s\" RAT, task \"%s\" (%d) about to request \"%s\" (%d)."

FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The regression test function (by updating the appropriate flags) is about to request that the regression test task change states."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR079

SEVERITY: Information  
 FORMAT: "ctcApplGotoDbBuildState(0) failed."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Event explanation comes at later point"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR080

SEVERITY: Warning  
 FORMAT: "RAT user data table corrupted. <RAT entries, min,max> = <%d, %d, %d>"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The number of entries within the user data table is not in range"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR081

SEVERITY: Warning  
 FORMAT: "Task \"\%s\" (offset %d) info and/or priority invalid at initialization."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The user data tables have NULL pointers for either the task info table or the priority table for this task."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR082

SEVERITY: Warning

FORMAT: "Callback Regression Task (offset %d) RAT\_INFO invalid. pRat = 0x%08X"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The RAT\_INFO or user data tables have NULL pointers."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR083

SEVERITY: Warning  
 FORMAT: "Callback Regression Task \"%s\" (offset %d, pRat 0x%08X) data NULL."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The callback structure pointer is NULL."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-4-RATERR084

SEVERITY: Error  
 FORMAT: "Corrupted msg from RAT \"%s\", task \"%s\" (%d), cookie = 0x%08X)."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "A message was received whose magic cookie was invalid."  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR085

SEVERITY: Error  
 FORMAT: "A RAT was started but passed a NULL pointer to the RAT INFO Structure."  
 FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The rat Info Structure pointer is NULL."

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-4-RATERR086

SEVERITY: Error

FORMAT: "An invalid pointer (0x%08X) or corrupted RAT\_INFO\_STRUCT was detected."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The rat Info Structure pointer and/or data is bad."

RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.

REQUIRED INFO: Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## RAT-5-RATERR087

SEVERITY: Warning

FORMAT: "Invalid birth state ("%s" 0x%08X) detected for task \"%s\" offset %d."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The rat Info Structure pointer and/or data is bad."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info



## RAT-5-RATERR088

SEVERITY: Warning  
 FORMAT: "Invalid handler assignments (I=0x%08X, C=0x%08X) for \"%s\" offset %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The rat Info Structure pointer and/or data is bad."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR089

SEVERITY: Warning  
 FORMAT: "Invalid event list (element %d @ 0x%08X) for task \"%s\"."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The rat Info Structure pointer and/or data is bad."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR090

SEVERITY: Warning  
 FORMAT: "Invalid event list terminator (element %d @ 0x%08X) for task \"%s\"."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The rat Info Structure pointer and/or data is bad."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR091

SEVERITY: Warning  
 FORMAT: "RAT Child \"%s\" offset %d specified App2App events but pointer is null."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The user specified the eventFlag bit mask to tell the RAT that there exists an application to application event list for this child but the pointer to this table was null."  
 RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-7-RATERR092

SEVERITY: Information  
 FORMAT: "\"%s\" RAT, task \"%s\" (%d) spawned succesfully with priority %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The user specified task was spawned without issue."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-7-RATERR093

SEVERITY: Information  
 FORMAT: "RAT subsystem \"%s\" successfully transitioned to new state \"%s\"."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "All members of the RAT group and the RAT have correctly transitioned to the new state."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR094

SEVERITY: Warning  
 FORMAT: "RAT \"%s\" received illegal state change actionFlag \"%s\" (0x%08X)."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "An illegal value was passed to the state change routine."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## RAT-5-RATERR095

SEVERITY: Warning  
 FORMAT: "ratChildResponseMsgHdr(pRat 0x%08X) called but pMblk NULL."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Function called with invalid parameters."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-7-RATERR096

SEVERITY: Information

FORMAT: "Task has successfully processed the event. \"%s\", \"%s\" (%d) \"%s\" (%d) done, event 0x%08X (@ 0x%08X) len %d."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "Task has successfully processed the event"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR097

SEVERITY: Warning

FORMAT: "RAT detected invalid child ID by subsystem \"%s\" (offset %d)!"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "An invalid offset was passed to one of the generic, reentrant RAT routines. Probably PEBCAK."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR098

SEVERITY: Warning

FORMAT: "Failed registering event (element %d @ 0x%08X) for \"%s\"."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The RAT was unable to register for the specified event."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR099

SEVERITY: Warning

FORMAT: "ratProcessEvent() entered for \"%s\", status \"%s\" (%d) invalid."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The current state is invalid"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR100

SEVERITY: Warning

FORMAT: "ratRoleChange() entered for \"%s\" but acknowledgements (%d) not zero."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "We are attempting a role change but there are already outstanding acknowledgments from a previous request. This is an invalid state and probably indicates either a lost IPC message or a logic error."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR101

SEVERITY: Warning

FORMAT: "\"%s\" RAT, task \"%s\" (%d) epid create timed out during initialization."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The interactive task exceeded the amount of time allotted by the user to establish an epid through which it could receive RAT events. Is the initTickLimit value specified by the user's data structure too small?"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR102

SEVERITY: Warning

FORMAT: "RAT \"%s\", task \"%s\" (%d) recv'd invalid init response \"%s\" %d.)"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The task's state invalid."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-7-RATERR103

SEVERITY:	Information
FORMAT:	"RAT \"%s\", task \"%s\" (%d) changes from \"%s\" (%d) to \"%s\" (%d).)"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The regression test (callback) child task received and processed a state change request."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-5-RATERR104

SEVERITY:	Warning
FORMAT:	"RAT \"%s\" priority (%d) is too low, task aborted."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The RAT task was spawned at a priority such that no child tasks could be spawned at a lower priority. Reassign a more reasonable value to the RAT in the ctc_app_table.h file."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-5-RATERR105

SEVERITY:	Warning
FORMAT:	"RAT \"%s\" priority (%d) is low, this may affect switchover timing!"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The RAT task was spawned at a priority such that the interactions between itself and its children may be delayed. This could result in long delays during switchover processing. It is recommended that the RAT be run at very high priorities (values less than twenty)."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-5-RATERR106

SEVERITY:	Warning
FORMAT:	"%s\" RAT task context user event handler failed."
FLAG:	No Flag
THROTTLING:	No Throttling

EXPLANATION: "The RAT task context event handler function returned a value other than OK to the RAT task. This should never happen and is indicative a of serious failure within the application event function."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR107

SEVERITY: Warning

FORMAT: "\"%s\" RAT task context user initialization failed."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The RAT task context initialization function returned a value other than OK to the RAT task. This should never happen and is indicative a of serious failure within the application event function."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR108

SEVERITY: Warning

FORMAT: "\"%s\" RAT task context user role change function failed."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The RAT task context role change function returned a value other than OK to the RAT task. This should never happen and is indicative a of serious failure within the application function."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR109

SEVERITY: Warning

FORMAT: "Invalid event list detected for \"%s\" RAT, task \"%s\" (%d)."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The user supplied RAT event registration data for the child entry event lists are bad."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## RAT-5-RATERR110

SEVERITY:	Warning
FORMAT:	"Invalid event list detected for \"%s\" RAT context task."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The user supplied RAT event registration data for the root task context event lists are bad."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info
RAT-5-RATERR111	
SEVERITY:	Warning
FORMAT:	"\"%s\" RAT, task \"%s\" (%d) timed out during initialization."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The task exceeded the amount of time allotted to call the ratChildInitalizedAck() function."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## RAT-4-RATERR112

SEVERITY:	Error
FORMAT:	"RAT ssiFree() failed for addr 0x%08X length %d."
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The memory free failed."
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. Do the same with 'dsplog' command. If you cannot determine the nature of the error from the error message text or from the 'dsperr'/'dsplog' output, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	Enter the CLI commands dspcds, dspcd (for PXM and for the slot the error is found), dspver, dsperr, ls C:/FW before calling the Cisco Technical support representative.

## DDTS "config-upload"

### CUTS-7-CUTS\_UPDT\_DONE

SEVERITY:	Information
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FORMAT: "EVNT: CUT:API to update %s for filetype %d done"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Update to FCB and mibs for filetype specified done"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-SEND\_CUTV\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT: CUT:Failed to send %s message for filetype %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "API to send message to the CUTV task failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-UPD\_FCB\_FAIL

SEVERITY: Information  
 FORMAT: "Line:%d:Failed to update FCB"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "API to update the FCB returned ERROR"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-TMR\_REINIT\_FAIL

SEVERITY: Information  
 FORMAT: "Line:%d:Failed to reinit timer with reason %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to reinitiate timers"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-SEMGIVE\_FAIL

SEVERITY: Information  
 FORMAT: "line:%d:could not give up sem %s: errno 0x%x"  
 FLAG: No Flag



THROTTLING: No Throttling  
 EXPLANATION: "semgive for sem failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_FILE\_MUTEX

SEVERITY: Information  
 FORMAT: "EVNT: CUT:(cuts) FileIndex %d cannot be be created since another CONN/STATIC-CONN file is being created "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Config upload should not create both conn and conn-update files together. If there is another conn/conn-update file running, the request will be rejected"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-TXID\_GET\_FAILED

SEVERITY: Warning  
 FORMAT: "%d: Config upload failed to receive a valid TxId from the card, errno = 0x%x"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Config upload failed to receive a valid TxId from the card"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-INV\_TXID

SEVERITY: Information  
 FORMAT: "%d: fileType = %d, card TxID= %d less than req TxID = %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The requested TxID is greater than the card TxID"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CANNOT\_PROCEED

SEVERITY: Information

FORMAT: "%d: fileType = %d, reqType= %d,reqTxID= %d:  
 cutwCanCreationProceed returned FALSE"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Either due to mutual exclusion or the reqTxID being greater than the  
 card TxID, cfgupload cannot continue"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_UPDT\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT: CUT:API to update %s returned error for filetype %d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Update to FCB and mibs for filetype specified failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-RMTCLOSE\_FAIL

SEVERITY: Information  
 FORMAT: "On line %d: ssiRmt close failes errno= 0x%x"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "ssiremoteclose API returned error"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-INVALID\_PARAM

SEVERITY: Warning  
 FORMAT: "%d: Invalid parameter passed"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Invalid parameter was received by the function"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-TXID\_GET\_FAILED

SEVERITY: Warning

FORMAT: "%d: Config upload failed to receive a valid TxId from the card"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Config upload failed to receive a valid TxId from the card"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-TIME\_GET\_FAILED

SEVERITY: Warning  
 FORMAT: "%d: Failed to get current time of day"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to get current time of day"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-OPEN\_FAILED

SEVERITY: Warning  
 FORMAT: "%d: Failed to open file %s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to open a file"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-FILE\_NAME\_PARSE

SEVERITY: Warning  
 FORMAT: "%d: Failed to parse filename %s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to parse a filename"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-BITMAP\_FAILURE

SEVERITY: Warning  
 FORMAT: "%d: Failed to get connection bitmap"  
 FLAG: No Flag

THROTTLING: No Throttling  
 EXPLANATION: "Failed to get the connection bitmap"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-ALARM\_FILE\_PATH

SEVERITY: Warning  
 FORMAT: "%d: Failed to get alarm file path"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to get alarm file path"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-INVALID\_ALARM\_F

SEVERITY: Warning  
 FORMAT: "%d: Failed to get connection bitmap"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to get the connection bitmap"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-ALARM\_READ\_FAIL

SEVERITY: Warning  
 FORMAT: "%d: Failed to read enough data from alarm file"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to read enoughd data from alarm file"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-NUL\_ERRHDLR

SEVERITY: Warning  
 FORMAT: "%d: No error handler found, fileType=%d, i=%d, j=%d, k=%d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to read enoughd data from alarm file"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CUTW-5-FILE\_READFAIL

SEVERITY: Warning  
 FORMAT: "WARN: CUT:(cutv) cannot open file (fd:%d, name:%s) with  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutv failed open file with read permission"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-REMOVE\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN: CUT:(cutv) remove failed for %s in  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutv cannot remove the file. remove failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-VLDN\_CNTR\_EXCEE

SEVERITY: Information  
 FORMAT: "EVNT: CUT:(cutv) failed to open file with  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "validation counter exceeded threshold"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-RMT\_FILE\_IOCTL\_

SEVERITY: Warning  
 FORMAT: "WARN: CUT:(cutv) remote file ioctl fail in %s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "remote file ioctl failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

**CUTW-5-LATEST\_STATIC\_F**

SEVERITY: Warning  
 FORMAT: "%d: Failed to find the latest static conn file"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to find the latest static conn file"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

**CUTW-5-ENGINE\_INVALID\_**

SEVERITY: Warning  
 FORMAT: "%d: Invalid request given to the engine: %d, filetype =%d\n"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Invalid request given to the engine"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

**CUTW-5-ENGINE\_REQ\_PROC**

SEVERITY: Warning  
 FORMAT: "%d: Invalid request processing entry in the request matrix, reqtype=%d, filetype =%d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Invalid request processing entry in the request matrix"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

**CUTW-5-ENGINE\_INVALID\_**

SEVERITY: Warning  
 FORMAT: "%d: Invalid processing parts reqtype=%d, filetype =%d, totalProcessingParts=%d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Invalid request processing entry in the request matrix"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-INVALID\_SLOT

SEVERITY: Warning  
 FORMAT: "%d: Invalid slot "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to get slot# from CTC"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-ENGINE\_INVALID\_

SEVERITY: Warning  
 FORMAT: "%d: Invalid slot "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to get slot# from CTC"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-ENGINE\_SEEK\_LEN

SEVERITY: Warning  
 FORMAT: "%d: Failed to seek into file for updating length"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Failed to seek into file for updating length"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-REPLICATE\_FAIL

SEVERITY: Warning  
 FORMAT: "%d: Failed to replicate the file %s to standby PXM"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Asynchronous file replication API failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-INVALID\_REQUEST

SEVERITY:	Warning
FORMAT:	"%d: Config upload received a requested TxId larger than the card TxId"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Config upload received a request to create incremental file with TxId larger than the one on the card"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## CUTW-5-TXID\_AUDIT\_FAIL

SEVERITY:	Warning
FORMAT:	"%d: Config upload requested audit of card TxId and the audit failed"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Config upload received a request to create incremental file with TxId larger than the one on the card. It requested audit of card TxId and it could not be fixed."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## CUTW-5-CHKSUM\_FAILURE

SEVERITY:	Warning
FORMAT:	"%d: Checksum failed for file %s: compChecksum=0x%x, readChecksum=0x%x"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"One byte checksum in the file did not match with the calculated checksum"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## CUTW-5-MEM\_ALLOC\_FAIL

SEVERITY:	Warning
FORMAT:	"%d: Failed to allocate %d bytes in memory"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Memory allocation failure"



RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CUTW-5-ALARM\_FILE\_BUFF

SEVERITY: Warning

FORMAT: "%d: Failed to get latest alarm file data "

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "Failed to get latest alarm file data from cPro/conPro applications"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CUTW-5-STBY\_REMOVE\_FAI

SEVERITY: Warning

FORMAT: "%d: Failed to remove %s from stdby"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "Failed to get latest alarm file data from cPro/conPro applications"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CUTR-5-CUT\_RAM\_FILE

SEVERITY: Warning

FORMAT: "EVNT CUT(cutram) Ftp Request for File%s Physical Slot Number Failed."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "Unable to determine the Physical Slot Number for the file."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CUTR-5-CUT\_RAM\_NAME

SEVERITY: Warning

FORMAT: "EVNT CUT(cutram) Ftp Request for File%s Ram disk name Failed."

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "Unable to determine the Ram disk name for the file."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## CUTR-5-CUT\_RAM\_LOG

SEVERITY: Warning  
 FORMAT: "EVNT CUT(cutram) Ftp Request for File%s Logical Slot%d Phy Slot Conv Failed."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Unable to convert the Logical Slot to a Physical Slot Number."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DDTS "config-upload"

### CUTS-7-CUTS\_DIR\_FOUND

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) Directory %s found, No need to create"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "CUTS found directory"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

### CUTS-4-CUTS\_NON\_DIR\_FI

SEVERITY: Error  
 FORMAT: "ERR CUT(cuts) found a non directory entry of name %s found."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "CUTS found a non directory entry of name CUT. Please remove this file and create a directory C:/CUT instead. Otherwise, Config Upload will fail."  
 RECOMMENDED ACTION: Make sure the C:/CUT is a directory and not a file name. If it is a file name, remove the file and create C:/CUT directory. If the card is active, try to copy a file into that C:/CUT directory. If the operation is not successful, contact TAC.  
 REQUIRED INFO: If CLI available, capture the following command output before contact TAC  
 1) dir "C"

- 2) dspversion
- 3) dspdate
- 4) dsplog -mod CUTS

## CUTS-4-CUTS\_IOCTL\_FAIL

SEVERITY:	Error
FORMAT:	"ERR CUT(cuts) Can not get stats for %s "
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Scheduler task is not able to determine whether C:/CUT is a directory or a file. Config Upload will fail if C:/CUT directory does not exist. "
RECOMMENDED ACTION:	Make sure the C:/CUT is a directory and not a file name. If it is a file name, remove the file and create C:/CUT directory. If the card is active, try to copy a file into that C:/CUT directory. If the operation is not successful, contact TAC.
REQUIRED INFO:	If CLI available, capture the following command output before contact TAC <ol style="list-style-type: none"> <li>1) dir "C"</li> <li>2) dspversion</li> <li>3) dspdate</li> <li>4) dsplog -mod CUTS</li> </ol>

## CUTS-4-CUTS\_OPEN\_FAILE

SEVERITY:	Error
FORMAT:	"ERR CUT(cuts) unable to open dir/file %s "
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"Scheduler task is not able to open C drive. This cause C:/CUT directory not being able to create. Config Upload will fail."
RECOMMENDED ACTION:	Make sure the C:/CUT is a directory and not a file name. If it is a file name, remove the file and create C:/CUT directory. If the card is active, try to copy a file into that C:/CUT directory. If the operation is not successful, contact TAC.
REQUIRED INFO:	If CLI available, capture the following command output before contact TAC <ol style="list-style-type: none"> <li>1) dir "C"</li> <li>2) dspversion</li> <li>3) dspdate</li> <li>4) dsplog -mod CUTS</li> </ol>

## CUTS-5-CUTS\_MKDIR\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts) unable to create directory %s "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Scheduler Task is unable to create a directory. Config Upload will fail if C:/CUT directory does not exist. "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-ACK\_TIMEOUT

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) ACK timeout, task status=\"%s\", index=%d, file type=%d, threshold=%d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Scheduler task timeout while waiting acknowledgement from worker task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-4-CUTS\_EPID

SEVERITY: Error  
 FORMAT: "ERR CUT(cuts) Creation of CUTS EPID \"%s\" failed rc = 0x%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Failed to create epid for cuts. This might result in Config Upload not able to function correctly."  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: If CLI available, please capture the following command output before contact TAC  
 1) dspversion  
 2) dspdate  
 3) dsplog -mod CUTS  
 4) dsplog -mod CUTWRKR  
 5) dsplog

## CUTS-5-CUTS\_TIMER\_CREA

SEVERITY:	Warning
FORMAT:	"ERR CUT(cuts) Creation of timer failed rc= 0x%08X."
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Timer Creation failed. This might result in Config Upload not able to function correctly."
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, please capture the following command output before contact TAC <ul style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dsplog -mod CUTS</li> <li>4) dsplog -mod CUTWRKR</li> <li>5) dsplog</li> </ul>

## CUTS-4-CUTS\_ATTHDLR

SEVERITY:	Error
FORMAT:	"ERR CUT(cuts) Attaching of handler \"%s\" failed Epid = 0x%08X rc= 0x%08X."
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Attaching of handler to a cuts epid has failed. The epid name, number and error code are listed. This might result in Config Upload not able to function correctly"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, please capture the following command output before contact TAC <ul style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dsplog -mod CUTS</li> <li>4) dsplog -mod CUTWRKR</li> <li>5) dsplog</li> </ul>

## CUTS-5-CUTS\_TMR\_SCHD

SEVERITY:	Warning
FORMAT:	"WARN CUT(cuts) failed to schedule timer in \"%s\" timeout value =

%d, timer type = %d, rc= 0x0%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "failed to schedule timeout. This might cause a request for Config Upload to be drop."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-CUTS\_TMR\_CNCL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts) failed to cancel timer in \"%s\" timer type = %d, rc= 0x0%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "failed to cancel timer"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-4-CUTS\_IPC\_FREE\_E

SEVERITY: Error  
 FORMAT: "ERR CUT(cuts) IPC Message Free Failed rc = 0x%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Error in Freeing IPC message. Potential memory leak."  
 RECOMMENDED ACTION: If this event shows up exsively(about 5 or more times) in the event log, please log a bug and contact TAC immediatly. This is a potential memory leak.  
 REQUIRED INFO: If CLI available, capture the following command output before contacting TAC  
 1) dspversion  
 2) dspdate  
 3) dspmempart 2 1  
 4) dsplog -mod CUTS  
 5) dsplog -mod CUTWRKR

## CUTS-5-IPCFAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts) IPC SEND FAILED TO \"%s\" from \"%s\" request%d"  
 FLAG: No Flag

THROTTLING: One Tick  
 EXPLANATION: "IPC send failed. This will result in Config Upload file creation request being dropped."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-IPC\_ALLC\_FAILED

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts) failed to allocate ipc buffer in \"%s\"."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "failed to allocate ipc buffer. This will result in Config Upload file creation request being dropped."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_INVALID\_RQ

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) Invalid request received by cuts from system epid req = %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Invalid request received by Scheduler task(CUTS)"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_INVALID\_RQ

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) Request received by cuts while in invalid state, req ignored state = %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Request sent to cuts while cuts in invalid state"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-CUTS\_WRKR\_UPDAT

SEVERITY: Warning

FORMAT: "WARN CUT(cuts) failed to update the worker task of index (%d) to state %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "CUTS unable to update worker task state. This might cause the death of the worker task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-TMR\_ERROR

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) failed to find a worker for expired timerID = %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "CUTS timer expired with no associated worker task found"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-RNWX\_TASK

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts)found a worker task(%d)\">%s\ " RUNNING yet not working on any file"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "CUTS timer expired, found a task in running with no work"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-BAD\_RSPNSE

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts) invalid epid in an epid response or child active message from 0x%08X."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "CUTS received a bad epid\_response or child active msg"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info



## CUTS-7-CUTS\_FC\_FAILED

SEVERITY: Information  
 FORMAT: "EVNT: CUT:(cuts) failed to process file creation request: %s for file 0x%08X."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts failed to service file creation request"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-4-BAD\_FILEINDX

SEVERITY: Error  
 FORMAT: "ERR CUT(cuts) Invalid File index found in \"%s\" file Index = %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts found an invalid file index. This might cause Config Upload file creation to fail. "  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: If CLI available, please capture the following command output before contact TAC  
 1) dspversion  
 2) dspdate  
 3) dsplog -mod CUTS  
 4) dsplog -mod CUTWRKR  
 5) dsplog

## CUTS-7-FILE\_STATE\_GENE

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts)request made to generate an already generating file ignoredfileIndex = %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts got a request to generate a file already being generated"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_CHILD\_ACTI

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) rcvd a child active message from taskid %d, taskname%s."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts got a child active message from a task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_EPID\_RESPO

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) %s task is registered with Scheduler task as taskid %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts got an EPID response message from a task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_FC\_DONE

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) rcvd file creation done from taskid %d, file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts got a file creation done from task"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-5-CUTS\_TRAP\_NOTAS

SEVERITY: Warning  
 FORMAT: "WARN CUT(cuts) sent TRAP cwBulkNoTaskAvailable(60904) for file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts sent trap to CWM 60904"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_TRAP\_START

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) sent TRAP cwBulkFileCreationStarted(60901) for file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts sent trap to CWM 60901"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_TRAP\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) sent TRAP cwBulkFileCreationFailed(60905) for file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts sent trap to CWM 60905 which signals file creation failed."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_TRAP\_DONE

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) sent TRAP cwBulkFileCreationDone(60902) for file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts sent trap to CWM 60902"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_TRAP\_ABRT

SEVERITY: Information  
 FORMAT: "EVNT CUT(cuts) sent TRAP cwBulkFileCreationAborted(60903) for file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cuts sent trap to CWM 60903"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-TRAP\_SEND\_FAIL

SEVERITY: Information  
 FORMAT: "line%dTrap not sent by %s for file%d "  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "API to send trap failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTS-7-CUTS\_UPDT\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT CUTAPI to update %s returned error for filetype %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Update to FCB and mibs for filetype specified failed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DDTS "config-upload"

### CUTW-4-CUTW\_EPID

SEVERITY: Error  
 FORMAT: "ERR CUTCreation of CUTW EPID \"\%s\" failed rc = 0x%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Failed to create epid(end point communication) for cutw."  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: If CLI available, please capture the following command output before contact TAC  
 1) dspversion  
 2) dspdate  
 3) dsplog -mod CUTS  
 4) dsplog -mod CUTWRKR  
 5) dsplog

## CUTW-4-CUTW\_TIMER\_CREA

SEVERITY:	Error
FORMAT:	"ERR CUT Creation of timer failed rc= 0x%08X."
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Timer Creation failed"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, please capture the following command output before contact TAC <ul style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dsplog -mod CUTS</li> <li>4) dsplog -mod CUTWRKR</li> <li>5) dsplog</li> </ul>

## CUTW-4-CUTW\_ATTHDLR

SEVERITY:	Error
FORMAT:	"ERR CUTAttaching of handler \"%s\" failed Epid = 0x%08X rc= 0x%08X."
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Attaching of handler to a cutw epid has failed. The epid name, number and error code are listed."
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, please capture the following command output before contact TAC <ul style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dsplog -mod CUTS</li> <li>4) dsplog -mod CUTWRKR</li> <li>5) dsplog</li> </ul>

## CUTW-5-CUTW\_TMR\_SCHD

SEVERITY:	Warning
FORMAT:	"ERR CUT failed to schedule timer in \"%s\" timeout value = %d, timer type = %d, rc= 0x0%08X."
FLAG:	No Flag

THROTTLING: One Tick  
 EXPLANATION: "failed to schedule timeout"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: If CLI available, please capture the following command output before contact TAC  
 1) dspversion  
 2) dspdate  
 3) dsplog -mod CUTS  
 4) dsplog -mod CUTWRKR  
 5) dsplog

## CUTW-5-CUTW\_TMR\_CNCL

SEVERITY: Warning  
 FORMAT: "ERR CUTfailed to cancel timer in \"%s\" timer type = %d, rc=0x0%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "failed to canecl timer"  
 RECOMMENDED ACTION: Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
 REQUIRED INFO: If CLI available, please capture the following command output before contact TAC  
 1) dspversion  
 2) dspdate  
 3) dsplog -mod CUTS  
 4) dsplog -mod CUTWRKR  
 5) dsplog

## CUTW-4-CUTW\_IPC\_FREE\_E

SEVERITY: Error  
 FORMAT: "ERR CUT IPC Message Free Failed rc = 0x%08X."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Error in Freeing IPC message"  
 RECOMMENDED ACTION: If this event shows up exessively(about 5 or more times) in the event log, please log a bug and contact TAC immediatly. This is a potential memory leak.  
 REQUIRED INFO: If CLI available, capture the following command output before contacting TAC

- 1) dspversion
- 2) dspdate
- 3) dspmempart 2 1
- 4) dsplog -mod CUTS
- 5) dsplog -mod CUTWRKR

## CUTW-5-IPCFAIL

SEVERITY:	Warning
FORMAT:	"ERR CUT IPC SEND FAILED TO \"%s\" from \"%s\" request%d"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"IPC send failed"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, capture the following command output before contacting TAC <ol style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dspmempart 2 1</li> <li>4) dsplog -mod CUTS</li> <li>5) dsplog -mod CUTWRKR</li> </ol>

## CUTW-4-IPC\_ALLC\_FAILED

SEVERITY:	Error
FORMAT:	"ERR CUT failed to allocate ipc buffer in \"%s\"."
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"failed to allocate ipc buffer. This will cause CUTS not able to communicate with this task "
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, capture the following command output before contacting TAC <ol style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dspmempart 2 1</li> <li>4) dsplog -mod CUTS</li> <li>5) dsplog -mod CUTWRKR</li> </ol>

## CUTW-5-CUTW\_INVALID\_RQ

SEVERITY:	Warning
FORMAT:	"ERR CUT Invalid request received by cutw from system epid req = %d"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Invalid request received"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## CUTW-4-CUTW\_EPID\_RESOL

SEVERITY:	Error
FORMAT:	"ERR CUT CUTW %s could NOT resolve CUTS epid"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Not able to resolve the scheduler task's epid"
RECOMMENDED ACTION:	Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.
REQUIRED INFO:	If CLI available, please capture the following command output before contact TAC <ul style="list-style-type: none"> <li>1) dspversion</li> <li>2) dspdate</li> <li>3) dsplog -mod CUTS</li> <li>4) dsplog -mod CUTWRKR</li> <li>5) dsplog</li> </ul>

## CUTW-5-CUTW\_WRKR\_UPDAT

SEVERITY:	Warning
FORMAT:	"ERR CUT failed to update the worker task of index (%d) to state %d"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"CUTW unable to update worker task state"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## CUTW-4-CUTW\_INIT\_PTR

SEVERITY:	Error
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**FORMAT:** "ERR CUT CUTW Task init failed due to a NULL taskControlBlockPtr in %s, tid = 0x%0X"  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "CUTW init failed due to a null task controlblock ptr"  
**RECOMMENDED ACTION:** Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.  
**REQUIRED INFO:** If CLI available, please capture the following command output before contact TAC
 

- 1) dspversion
- 2) dspdate
- 3) dsplog -mod CUTS
- 4) dsplog -mod CUTWRKR
- 5) dsplog

## CUTW-5-CUTW\_FC\_FAILED

**SEVERITY:** Warning  
**FORMAT:** "ERR CUT cutw failed to process file creation request for file 0x%08X."  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "cutw failed to validate file creation request"  
**RECOMMENDED ACTION:** No Recommended Action  
**REQUIRED INFO:** No Required Info

## CUTW-5-BAD\_FILEINDX

**SEVERITY:** Warning  
**FORMAT:** "ERR CUT Invalid File index found in \"%s\" file Index = %d."  
**FLAG:** No Flag  
**THROTTLING:** No Throttling  
**EXPLANATION:** "cutw found an invalid file index "  
**RECOMMENDED ACTION:** No Recommended Action  
**REQUIRED INFO:** No Required Info

## CUTW-7-CUTWFILENAME

**SEVERITY:** Information  
**FORMAT:** "EVNT CUTfilename created for the request is \"%s\" file Index = %d."  
**FLAG:** No Flag

THROTTLING: No Throttling  
 EXPLANATION: "cutw created the name for the file creation request "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-W\_RATEVENTPENDI

SEVERITY: Information  
 FORMAT: "EVNT CUT RAT event %d pending found while creating file Index = %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw had to abort while creating a file due to rat events "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-NULL\_FILEP

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw) NULL FILEPTR PASSED IN TO \"%s\" routine"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw found an invalid file ptr "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-TASK\_STATUS\_TRA

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw) Task status transition from \"%s\" to \"%s\"."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "Task is transitioning from one state to another"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-SEMTAKE\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw) Can't take semaphore for \"%s\" in function \"%s\"."  
 FLAG: No Flag

THROTTLING: No Throttling  
 EXPLANATION: "cutw was not able to take a semaphore"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-SEMGIVE\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw) Can't release semaphore for \"%s\" in function \"%s\"."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw was not able to release a semaphore"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-NULL\_PTR

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw) NULL pointer PASSED IN to \"%s\" routine"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw found a null ptr "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-MEM\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)failed to allocate mem for %s for file index %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to allocate buffer. This Config Upload file creation request will not be successful. "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-MEMDEALL\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)failed to deallocate mem for %s for file index %d"  
 FLAG: No Flag

THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to deallocate buffer. This could lead to memory leak "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-RTOID\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)failed to write ROOT OID for file index %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to write root oid which cause this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-TBLOID\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)failed to write ROOT OID for file index %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to write table oid which cause this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-CNFOID\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)failed to write item OID %d,col %d, for file index %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to write item oid which cause this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-CNFVRBND\_FAIL

SEVERITY: Warning

FORMAT: "WARN CUT(cutw)failed to write CNFVRBND table %d,col %d, for file index %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to write cnfg varbind which causes this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-FINDOBJ\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)find\_object failed for oidTbl->oidListInx=%u for file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw can not not find the current OID which causes this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-GTNXT\_FAIL

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw)Empty Table found, continuing.. for file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw found an empty table "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-WRITE\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)failed to write %s for file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to write data to file which causes this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-GET\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw) Get failed for object with serial number%d for file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to do a get operation which causes this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-GETNEXT\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw) Get-Next failed for object with serial number %d with errno %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to do a get-next operation which causes this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-GETSCLR\_FAIL

SEVERITY: Warning  
 FORMAT: "ERR CUT(cutw) Get failed for object table %d,col %d for file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw write failed "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-IOCTL\_FAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw)call to %s failed while creating file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw ioctl call failed "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-7-CR\_RESULT

SEVERITY: Information  
 FORMAT: "EVNT CUT(cutw)FILE CREATION RESULTED IN %s for file %d  
 File size %ld Checksum %x"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw file creation result "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-FILE\_ERR

SEVERITY: Warning  
 FORMAT: "ERR CUT(cutw) %s for file %d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw file creation result "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-5-WRITE\_BYTESFAIL

SEVERITY: Warning  
 FORMAT: "WARN CUT(cutw) Write Fail for File %d requested bytes %d bytes  
 written %d."  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw failed to write requested number of data to file which causes  
 this Config Upload file creation aborted "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## CUTW-4-MAX\_ROWS\_EXCEED

SEVERITY: Error  
 FORMAT: "WARN CUT(cutw) Write Fail for File %d Too many rows limit is %d,  
 currently %d. oidTblInx=%d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "cutw aborted the file creation because number of rows allowed for  
 this file exceeded the defined limit"  
 RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DDTS "ccma"

### DAL-4-DALERR

SEVERITY: Error

FORMAT: "DAL Error %s() line %d %X,%X"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "An error is detected by hardware device drivers. Possible causes are NOVRAM access problem, driver configuration not supported by current hardware, or invalid parameters being passed to the drivers. When hardware fails to be initialized, card will not come up."

RECOMMENDED ACTION: "Please capture following information and and call your Cisco technical support representative."

REQUIRED INFO: " On PXM45

1. dspcd <slot that experienced the error>
2. dspred
3. dsplog -sl <slot that experienced the error>
4. dsplog -sl <other slot in the pair if redundancy is configured>
5. dsperr for slots specified above.

On AXSM

1. dspcd
2. dspver
3. dsplns "

## DDTS "diskdb"

### DB2S-4-DBSVR\_RESV\_NO\_D

SEVERITY: Error

FORMAT: "Slot %d: Slot reserved but No DB present"

FLAG: Write Bram

THROTTLING: One Tick

EXPLANATION: " The slot is reserved from the SHM perspective but its DB2 directory does not have any DBs for the slot"

RECOMMENDED ACTION: "Call TAC"

REQUIRED INFO: "Save event logs, error logs and ll from D:/DB2"



## DB2S-5-PSEURESV\_NO\_DB

SEVERITY: Warning  
 FORMAT: "Slot %d: Slot is psuedo resv but No DB present. %s"  
 FLAG: Write Bram  
 THROTTLING: One Tick  
 EXPLANATION: " The slot is psuedo reserved from the SHM perspective but its DB2 directory does not have any DBs for the slot"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-4-DBCLNT\_COMEP

SEVERITY: Error  
 FORMAT: "Error 0x%x on %s DB Client Communication Port"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module has failed to create a message queue. This could be due to internal error or memory corruption or hardware problem. This error results in failing the initialization of the DB Manager Client module. As a result, the card on which this error occured will not come up."  
 RECOMMENDED ACTION: "Try rebooting the card. If this error persists either the image from the flash/disk could be bad or the card could be faulty. In this case, try changing the card."  
 REQUIRED INFO: "Collect the event and error logs."

## DB2C-3-DBCLNT\_EPHNDLR

SEVERITY: Minor Alert  
 FORMAT: "Error 0x%x in attaching the msg handler to DBCLNT epid %x"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module has failed to attach message handler to the message queue. This could be due to internal error or memory corruption or hardware problem. This error results in failing the initialization of the DB Manager Client module. As a result, the card on which this error occured will not come up."  
 RECOMMENDED ACTION: "Try rebooting the card. If this error persists either the image from the flash/disk could be bad or the card could be faulty. In this case, try changing the card."  
 REQUIRED INFO: "Collect the event and error logs."

## DB2C-4-DBCLNT\_TMRERR

SEVERITY:	Error
FORMAT:	"Error 0x%x in creating the ssi sync timer for DBCLNT"
FLAG:	Write to Bram
THROTTLING:	One Tick
EXPLANATION:	"The DB Manager Client module has failed to create a timer . This could be due to internal error or memory corruption or hardware problem. This error results in failing the initialization of the DB Manager Client module. As a result, the card on which this error occured will not come up."
RECOMMENDED ACTION:	"Try rebooting the card. If this error persists either the image from the flash/disk could be bad or the card could be faulty. In this case, try changing the card."
REQUIRED INFO:	"Collect the event and error logs."

## DB2C-4-DBCLNT\_RETXQ

SEVERITY:	Error
FORMAT:	"Error 0x%x creating DB Client retransmission queue"
FLAG:	Write to Bram
THROTTLING:	One Tick
EXPLANATION:	"The DB Manager Client module has failed to create a retransmission queue This could be due to internal error or memory corruption or hardware problem. This error results in failing the initialization of the DB Manager Client module. As a result, the card on which this error occured will not come up."
RECOMMENDED ACTION:	"Try rebooting the card. If this error persists either the image from the flash/disk could be bad or the card could be faulty. In this case, try changing the card."
REQUIRED INFO:	"Collect the event and error logs."

## DB2C-5-DBCLNT\_CTCAPI

SEVERITY:	Warning
FORMAT:	"Error %x on call to %s"
FLAG:	Write to Bram
THROTTLING:	One Tick
EXPLANATION:	"The DB Manager Client failed when called the specified API."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2C-7-DBCLNT\_STERR

SEVERITY:	Information
FORMAT:	"%s unavailable due to invalid state <%x>. Info<%s>"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Critical external resource indicated is unavailable this may results in subsequent requests failure"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2C-5-DBCLNT\_UNEXPEVT

SEVERITY:	Warning
FORMAT:	"Unexpected %s 0x%x. %s %d, %s %d"
FLAG:	Stack Trace
THROTTLING:	One Tick
EXPLANATION:	"DB Client module Received CTC events that belongs to other logical slot which the client did not registered for."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2C-3-DBCLNT\_VER\_NOTS

SEVERITY:	Minor Alert
FORMAT:	"Message version 0x%x not supported. Current version is %x"
FLAG:	Write to Bram
THROTTLING:	One Tick
EXPLANATION:	"The DB Manager Client module received an interface message of which the version is incompatible with the version that the DB Client module is running. This could be due to the DB Manager Server module and the DB Manager Client module running different versions that are not compatible or due to memory corruption. This may result in either failure of the initialization of the DB Manager Client module or a provisioning request."
RECOMMENDED ACTION:	"Try resetting the card. If the error persists, try changing the card to rule out the hardware issue. If the error still persists, call TAC."
REQUIRED INFO:	"Collect the event and error logs."

## DB2C-4-DBCLNT\_INVEVTGR

SEVERITY:	Error
FORMAT:	"Invalid DB Client event group <%d>, arg = 0x%x"
FLAG:	Write to Bram

THROTTLING: One Tick

EXPLANATION: "The DB Manager Client module recieved a message that doesn't belong to any of the known and supported event groups. This could be due to the DB Manager Server module and the Client module running different versions that are not compatible or due to memory corruption. This may result in either failure of the initialization of the Client module or a provisioning request."

RECOMMENDED ACTION: "Try resetting the card. If the error persists, try changing the card to rule out the hardware issue. If the error still persists, call TAC."

REQUIRED INFO: "Collect the event and error logs."

## DB2C-5-DBCLNT\_INVACCES

SEVERITY: Warning

FORMAT: "%s Appld <0x%x> invalid Access on %s %d. Current %s %s. Expected %s %s"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Client task encountered an invalid access situation as indicated"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2C-4-DBCLNT\_INVMSG

SEVERITY: Error

FORMAT: "%s received invalid message <%s>, event grp = %s, ApplName=%s. Info<%s>"

FLAG: Write to Bram

THROTTLING: One Tick

EXPLANATION: "The DB Manager Client module recieved an unknown or unsupported message. This could be due to the DB Manager Server module and the Client module running different versions that are not compatible or due to memory corruption. This may result in either failure of the initialization of the Client module or a provisioning request."

RECOMMENDED ACTION: "Try resetting the card. If the error persists, try changing the card to rule out the hardware issue. If the error still persists, call TAC."

REQUIRED INFO: "Collect the event and error logs."

## DB2C-5-DBCLNT\_UNAVL

SEVERITY: Warning

FORMAT: "<%s> Request failed. %s State<%s>"

FLAG: Stack Trace | Write to Bram

THROTTLING: One Tick

EXPLANATION: "DB Client task rejected the request stated due to Resource specified unavailable."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-4-DBCLNT\_RECVMMSG

SEVERITY: Error  
 FORMAT: "Error 0x%x receiving IPC message on DB Client Port"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module received a NULL message. This could be due to memory corruption or hardware problem. This may result in failing the card to come up or the provisioning request."  
 RECOMMENDED ACTION: "Try resetting the card. If the error persists, try changing the card to rule out the hardware issue. If the error still persists, call TAC."  
 REQUIRED INFO: "Collect the event and error logs."

## DB2C-5-DBCLNT\_RETXFAIL

SEVERITY: Warning  
 FORMAT: "Error 0x%x on putting <%s> REQ in ReTxQ to %s DB Server"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to put the message on ReTxQ"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_SENDFAIL

SEVERITY: Warning  
 FORMAT: "Error 0x%x on sending message <%s> to %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to send message to DB Server"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_REPLYFAI

SEVERITY: Warning  
 FORMAT: "Error 0x%x replying to applId <0x%x> on event%s, msg type%s"

FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to send reply to the Appl"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_MSGALLOC

SEVERITY: Warning  
 FORMAT: "Error 0x%x allocating IPC message buffer of size 0x%x"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to send reply to the Appl"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-6-DBCLNT\_TXCLEANU

SEVERITY: Notice  
 FORMAT: "TxId <0x%x> for <%s> Server not cleaned up on <%s>"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Transaction was not cleaned up properly on the resource specified."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_RESPTMOU

SEVERITY: Warning  
 FORMAT: "Response Timeout for TxId <%d> to Svr <%s>. TxState%s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to receive response for a transaction after three message retransmission attempts to the specified db server. Current transaction state is also specified."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_MAXEXCEE

SEVERITY: Warning  
 FORMAT: "Max %s per Logical slot reached. Created=%d, Max Allowed=%d"

FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to process the DB or TBL Create Request message due to max per logical slot reached."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_NOFREEID

SEVERITY: Warning  
 FORMAT: "Can't find unassigned %s Id. Num of %s Created = %d"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed to assign a dbld or tblld. This indicates cleanup problem in cntrl blk table"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DB2CLNT\_INVAPPI

SEVERITY: Warning  
 FORMAT: "Application Id received = 0x%x exceed max value of 0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task failed convert the application Id received from the API request message to internal value for array indexing"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_INVTXID

SEVERITY: Warning  
 FORMAT: "Invalid Txld <%d> for %s msgType=%s from DB Svr=%s. Svr Sts=%s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Client task recieved an unknown transaction Id from the specified DB Server for the event group and msg type indicated."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_TXMSG

SEVERITY: Warning  
 FORMAT: "%s MsgType=%s received for TxId=%d different from REQ  
 MsgType=%s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Msg Type received for the Event Group indicated is different from  
 the message type of the API Request."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_OUTOFRAN

SEVERITY: Warning  
 FORMAT: "%s value <0x%x> out of range. Max allowed 0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The specified value is out of the allowed range"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_NOTOWNER

SEVERITY: Warning  
 FORMAT: "Appl Id <0x%x> not owner of Db Id <0x%x> which is owned by  
 <0x%x>"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Not owner application is trying to access the db"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_IDNONEXI

SEVERITY: Warning  
 FORMAT: "%s %s <0x%x> received from Appl\_Id <0x%x> does not exists"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "The specified data value does not exists. This indicates either the  
 object has never been created or it has been deleted."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info



## DB2C-4-DBCLNT\_INFOERR

SEVERITY:	Error
FORMAT:	"%s control info for %s <0x%x> corrupted %s in %s"
FLAG:	Stack Trace
THROTTLING:	One Tick
EXPLANATION:	"The DB Manager Client module's internal control info blk of the indicated object has been corrupted. This could be due to memory corruption or internal error. This may result in card not coming up or failure of provisioning."
RECOMMENDED ACTION:	"Reset the card."
REQUIRED INFO:	"Take a hot-dump if it is on controller card. If this error occurred on a Service Module, call TAC to take a core dump of the Service Module. Collect event logs and error logs."

## DB2C-6-DBCLNT\_UNREG

SEVERITY:	Notice
FORMAT:	"DBCLNT All DBs unregistered for Lslot = %d, Swld = 0x%x by %s"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"DB Client successfully unregistered all DBs and cleaned up its control structures for specified logical slot and sw ld."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2C-5-DBCLNT\_NONREDUP

SEVERITY:	Warning
FORMAT:	"Update Failed on STBY DB Server for TBL Id <0x%x>. Svr State = %s"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"Update operation to the table specified failed on the standby DB Server with the indicated Svr State Problem have been reported to CTC to check card's status"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2C-5-DBCLNT\_INTERNAL

SEVERITY:	Warning
FORMAT:	"%s DB Client Internal Error <%s> in %s"
FLAG:	Stack Trace

THROTTLING: One Tick  
 EXPLANATION: "Internal error detected on the specified DB Client"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_INVSVRRE

SEVERITY: Warning  
 FORMAT: "%s %s0x%x expects0x%x or 0x%x."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Response received from the Server has invalid value for the specified one field."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-4-DBCLNT\_INVSVRRE

SEVERITY: Error  
 FORMAT: "%s %s0x%x, expects0x%x, %s0x%x, expects0x%x."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module has received a response with invalid values from the Server module. This could be due to memory corruption either on the controller card or on the Client card. This may result in card not coming up or failure to provision."  
 RECOMMENDED ACTION: "Try resetting the Client card. If the problem still persists, try changing the card. If the problem still persists, call TAC."  
 REQUIRED INFO: "If the problem occurred on the controller card, take a hot dump. If the problem occurred on a service module, take the hot dump of the controller card and call TAC to collect the core dump for the Service Module. Collect event and error logs."

## DB2C-4-DBCLNT\_INVSVRRE

SEVERITY: Error  
 FORMAT: "%s %s0x%x expects 0x%x or 0x%x, %s0x%x, expects0x%x."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module has received a response with invalid values from the Server module. This could be due to memory corruption either on the controller card or on the Client card. This may result in card not coming up or failure to provision."  
 RECOMMENDED ACTION: "Try resetting the Client card. If the problem still persists, try

changing the card. If the problem still persists, call TAC."  
 REQUIRED INFO: "If the problem occurred on the controller card, take a hot dump. If the problem occurred on a service module, take the hot dump of the controller card and call TAC to collect the core dump for the Service Module. Collect event and error logs."

## DB2C-4-DBCLNT\_INVPEERR

SEVERITY: Error  
 FORMAT: "Invalid %s Request from %s for %s 0x%x. %s0x%x, expects0x%x in %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client on the Active card received a request with invalid parameters from its peer on the Standby card. This could be due to memory corruption on either the Active card or on the Standby card. If this error occurred, the Standby card fails to come up."  
 RECOMMENDED ACTION: "Try resetting the Standby card. If the problem persists, call TAC."  
 REQUIRED INFO: "Collect event and error logs. If the error occurred on the controller card, take the hot dump of the Active controller card. If this error occurred on a service module, call TAC to take the core dump of the Active service module."

## DB2C-4-DBCLNT\_INVPEERR

SEVERITY: Error  
 FORMAT: "Invalid %s Request from %s for %s 0x%x. %s0x%x, expects0x%x. %s0x%x, expects0x%x in %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client on the Active card received a request with invalid parameters from its peer on the Standby card. This could be due to memory corruption on either the Active card or on the Standby card. If this error occurred, the Standby card fails to come up."  
 RECOMMENDED ACTION: "Try resetting the Standby card. If the problem persists, call TAC."  
 REQUIRED INFO: "Collect event and error logs. If the error occurred on the controller card, take the hot dump of the Active controller card. If this error occurred on a service module, call TAC to take the core dump of the Active service module."

## DB2C-5-DBCLNT\_DUPREQ

SEVERITY: Warning  
 FORMAT: "%s %s %s %s %s 0x%x %s 0x%x %s %s"

FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The request has already been received and processed"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-DBCLNT\_BAD\_SWID

SEVERITY: Warning  
 FORMAT: "%s SW Id mismatched slot <%d> Expected[%d.%d.%d.%d],  
 Received[%d.%d.%d.%d]"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Clnt detected mismatch on the SW Version "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-4-DBCLNT\_SPAWN\_ER

SEVERITY: Error  
 FORMAT: "%s failed to spawn task - errno %x"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module has failed to spawn one of its children. This could be due to internal error or memory corruption. If this error occurs, the card doesn't come up."  
 RECOMMENDED ACTION: "Try resetting the card or replacing the card. If the error still persists, call TAC."  
 REQUIRED INFO: "Collect event and error logs."

## DB2C-4-DBCLNT\_MEM\_ERR

SEVERITY: Error  
 FORMAT: "%s failed memory alloc(free) - errno %x"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module failed to allocate memory. This could be due to either shortage of memory or leakage of memory. The problem card will fail to come up."  
 RECOMMENDED ACTION: "Call TAC."  
 REQUIRED INFO: "Collect event and error logs."

## DB2C-4-DBCLNT\_CONV\_OP\_

SEVERITY: Error  
 FORMAT: "%s Op<%s> Obj<%s> Id<%x> Errno<0x%x> ExtraInfo<%x>"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module has failed for the specified reason while upgrading the databases. This could be due to memory corruption or internal error. This results in card not coming up."  
 RECOMMENDED ACTION: "Try resetting the card or changing the card. If the error still persists, call TAC."  
 REQUIRED INFO: "Collect event and error logs."

## DB2C-5-UPGFAIL

SEVERITY: Warning  
 FORMAT: "0x%x Db Upgrades from %d.%d.%d.%d to %d.%d.%d.%d FAILED"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The Db upgrade from the specified version to the specified version has failed."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-1-TASKSPAWN

SEVERITY: Fatal  
 FORMAT: "Failed to spawn the upgrade task %s, errno = 0x%x"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Client module failed to spawn the specified child task which performs the Db upgrades. This error could occur due to memory corruption or internal error. If this error occurs, the card doesn't come up."  
 RECOMMENDED ACTION: "Try resetting the card or changing the card. If the error still persists, call TAC."  
 REQUIRED INFO: "Collect event and error logs."

## DB2C-5-TBLINFCOR

SEVERITY: Warning  
 FORMAT: "%s Lslot=%d TblName=%s MaxRec=%d ExpMaxRec=%d RecSize=%d ExpRecSize=%d"  
 FLAG: No Flag

THROTTLING: One Tick  
 EXPLANATION: "The DB Client received the table information recovery response for a table different from what it requested."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-RECNAK

SEVERITY: Warning  
 FORMAT: "Recd NACK for Table Info Recover REQ Lslot=%d TbIName=%s Reason=0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Client received a NACK for table information recovery request for specified logical slot and table."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-INVRECRES

SEVERITY: Warning  
 FORMAT: "Lslot=%d Resp Expected For %s, %d got for %s %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Client received the table information recovery response for a table different from what it requested."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-7-STBAVAIL

SEVERITY: Information  
 FORMAT: "Standby available for %s request"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Client received a NACK from the Active DB Server indicating that the request needs to be sent to Standby DB Server as well as the Standby DB Server is available to receive requests from the DB Client."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-5-REGSTSNACK

SEVERITY: Warning  
 FORMAT: "Received NACK from %s for %s, reason=0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Client received a NACK from the Active DB Server for the specified request for the specified reason."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2C-7-REG

SEVERITY: Information  
 FORMAT: "Sending Registration %s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The DB Client is sending the registration begin/end request as specified."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DDTS "diskdb"

### DB2S-4-DBSVR\_COMEP

SEVERITY: Error  
 FORMAT: "Error 0x%x instantiating DB Server Communication Port"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Server module has failed to instantiate an IPC message queue. This could be due to shortage of memory or bad image or memory corruption or hardware problem. This results in resetting the card."  
 RECOMMENDED ACTION: "Reset the card one more time and see if it comes up. If the problem persists, try with another controller card."  
 REQUIRED INFO: "Collect and save the core, event logs and error logs."

### DB2S-3-DBSVR\_TASK\_SPAW

SEVERITY: Minor Alert  
 FORMAT: "DBSVR Error 0x%x in spawning task %s."

FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module failed to spawn subtask while the controller card is coming up. This results in resetting the controller card."  
 RECOMMENDED ACTION: "Reset the card one more time and see if it comes up. If the problem persists, try with another controller card."  
 REQUIRED INFO: "Collect and save the core, event logs and error logs."

## DB2S-5-DBSVR\_SEM\_FAIL

SEVERITY: Warning  
 FORMAT: "DBSVR function %s errno = 0x%x while %s 0x%x"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module failed to create/take/give a semaphore. This could be due to corruption of semaphore structures or internal error. The consequences of this problem depends on the activity during which this problem occurred. This may result in a Service Module failing to comeup or a provisioning request failure. If this problem occurs either on an Active PXM or on a Standby PXM while Standby PXM is coming up, the Standby PXM will fail to comeup."  
 RECOMMENDED ACTION: "Reset the PXM."  
 REQUIRED INFO: "Take a hot dump of the PXM. Save the event logs, error logs and the hot dump."

## DB2S-4-DBSVR\_EPHNDLR

SEVERITY: Error  
 FORMAT: "Error 0x%x in attaching the msg handler to DBSVR epid 0x%x"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module failed to initialize an IPC message queue. This could be due to bad image or memory corruption or hardware problem. This results in resetting the card."  
 RECOMMENDED ACTION: "Reset the card one more time and see if it comes up. If the problem persists, try with another controller card."  
 REQUIRED INFO: "Collect and save the core, event logs and error logs."

## DB2S-5-DBSVR\_MEM\_FAIL

SEVERITY: Warning  
 FORMAT: "%sError 0x%x on %s 0x%x"  
 FLAG: Write to Bram  
 THROTTLING: One Tick



EXPLANATION: "DB Server encountered failure when called an SSI MEMORY API function."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-DBSVR\_SHMAPI

SEVERITY: Error  
 FORMAT: "Error 0x%x on call to %s"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module has got an error when called an SHM API function. This could be due to lack of IPC buffers, memory corruption or error internal to SHM. The consequences of this error depend on when this happend. If this error occurred on Active controller card when Standby controller card is coming up, the Standby controller card fails to come up. If this error occurred when provisioning is attempted, the provisioning request fails. If this error occurred when a service module is coming up, the service module fails to come up."  
 RECOMMENDED ACTION: "Call TAC"  
 REQUIRED INFO: "Save event logs, error logs, IPC buffer information."

## DB2S-5-DBSVR\_IPC\_FAIL

SEVERITY: Warning  
 FORMAT: "%sError 0x%x %s 0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server encountered failure when called an SSI IPC API function."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-DBSVR\_DOS\_FAIL

SEVERITY: Error  
 FORMAT: "%sError 0x%x in %s %d, %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager failed to access files on hard disk. This could be due to corrupted files or internal error or bad disk. The consequences of this error depends on the state of the system and source of the error. If this error is observed while accessing configuration files while a Service Module is coming up, then, the Service Module may fail to come up. If this error occurs during provisioning on a Service

Module, the provisioning fails. If this error occurs on an Active/Standby PXM while Standby PXM is coming up and performing the disk synchronization, the Standby PXM fails to come up."

RECOMMENDED ACTION: "If this problem occurs while accessing configuration files in DDB2 directory on a Standby PXM and affects a Service Module bring up or Standby PXM bring up, clear the Standby PXM disk using sysClrallcnf from shellconn. If this problem occurs on an Active PXM and the Standby PXM is ready to take over as Active, perform a switchover and clear the configuration on the new Standby PXM disk using sysClrallcnf shellconn command. If this problem persists even after resetting the problem card, replace the hard disk card and retry. If this error occurs while accessing files in other replicated directories, viz., CFW, CSCT, ERPM etc, removed the affected file and try to download the file."

REQUIRED INFO: "Upload the problem file to a workstation, collect the event logs and error logs. Also, collect the directory listing of the directory where the problem file resides."

## DB2S-7-DIRDELETE

SEVERITY: Information  
 FORMAT: "Deleted %s successfully"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server deleted the specified directory."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-DBSVR\_RECVMMSG

SEVERITY: Error  
 FORMAT: "Error 0x%x receiving IPC message on DB Server Port"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module received a NULL message. This should never have happend unless there is a memory corruption or severe internal error or hardware problem. The consequences of this error depends on the type of the message that was corrupted. It may result in Standby PXM or Service Module failure to come up or failing the provisioning request."

RECOMMENDED ACTION: "If this error occurs on Active PXM persistently, try to switchover to Standby PXM if available or reset the Active PXM. If this error occurs on a Standby PXM and is persistent, rebuild the Standby PXM. If this problem persists even after resetting the card, try with a different card."

REQUIRED INFO: "Take a hot dump of the PXM on which this error is observed."

## DB2S-5-DBSVR\_GEN\_FAIL

SEVERITY:	Warning
FORMAT:	"%s%s"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"This event is logged after logging other errors and failures indicating the type of activity that failed. The consequences are determined by the activity that has failed and are covered by those of the preceding events that are logged by the DB Manager module."
RECOMMENDED ACTION:	"Follow the actions recommended for other errors that occurred in DB Manager module preceding to this error."
REQUIRED INFO:	No Required Info

## DB2S-4-DBSVR\_INVEVTGRP

SEVERITY:	Error
FORMAT:	"Invalid DB Server event group <%d>, arg = 0x%x"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"DB Manager module received a message with unknown or unsupported event group. This problem could occur if the IPC message that is received by the DB Manager module has been corrupted. The consequences of this error depend on the type of the message. If the message has been sent by a Service Module during its coming up, the Service Module may fail to come up. If this message has been received on the Active or Standby controller card when the Standby controller card is coming up, it fails to come up. If this message has been received on the Active controller card due to provisioning, the provisioning fails. If this message has been received by the Standby controller card due to provisioning, it doesn't affect the provisioning."
RECOMMENDED ACTION:	"Call TAC to determine whether the problem is with the sender or the receiver."
REQUIRED INFO:	"Take a hot dump of the controller card. Save event logs, error logs and the core dump."

## DB2S-4-DBSVR\_VER\_NOTSU

SEVERITY:	Error
FORMAT:	"Message version %x not supported. Current version is %x"
FLAG:	Stack Trace
THROTTLING:	One Tick
EXPLANATION:	"DB Manager module received a message with unknown or unsupported DB protocol version. This problem could occur if the IPC message that is received by the DB Manager module has been

corrupted. The consequences of this error depend on the type of the message. If the message has been sent by a Service Module during its coming up, the Service Module may fail to come up. If this message has been received on the Active or Standby controller card when the Standby controller card is coming up, it fails to come up. If this message has been received on the Active controller card due to provisioning, the provisioning fails. If this message has been received by the Standby controller card due to provisioning, it doesn't affect the provisioning."

RECOMMENDED ACTION: "Call TAC to determine whether the problem is with the sender or the receiver."

REQUIRED INFO: "Take a hot dump of the controller card. Save event logs, error logs and the core dump."

## DB2S-5-DBSVR\_CTCAPI

SEVERITY: Warning  
 FORMAT: "Error 0x%x on call to %s"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server task failed on querying the CTC using the CTC API functions"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-6-PSEURESV

SEVERITY: Notice  
 FORMAT: "Pseudo reserving the slot %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server is pseudo reserving the specified logical slot upon receiving first DB request from that slot."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-EVTPROCFAIL

SEVERITY: Error  
 FORMAT: "Event Processing Failed Event=%s, Reason=%s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager module has failed to process the specified system event. Usually, this EVTPROCFAIL event is preceded by one or more errors events logged indicating why processing the specified

event has failed. The consequences of failure to process the specified system event depends on the type of the system event. If this event is logged when processing a system event for cleaning up configuration of a Service Module slot, the Service Module slot may become unusable."

RECOMMENDED ACTION: "Using the errors logged preceding this event, determine why the processing the specified system event has failed and take the actions recommended for those respective events."

REQUIRED INFO: "Take a hot dump. Save the core file, event logs and error logs."

## DB2S-4-DBSVR\_BAD\_DATA

SEVERITY: Error  
 FORMAT: "DBSVR bad data in %s Bad data 0x%x, 0x%x"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module received bad data through a message or found one of its internal data corrupted. This could be due to either the IPC message that was received by the DB Manager was corrupted or DB Manager's internal data structured were corrupted. If this problem occurs while Standby controller was coming up, the Standby controller fails to come up. If this problem occurs while a Service Module is coming up, the Service Module fails to come up. If this problem occurred while provisioning, the provisioning fails."

RECOMMENDED ACTION: "Reset the problem card earliest possible."

REQUIRED INFO: "Take a hot dump. Save the core file, event logs and error logs."

## DB2S-4-DBSVR\_BAD\_REC

SEVERITY: Error  
 FORMAT: "DBSVR Bad record %s 0x%x, %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module detected that the specified record in the specified table has been corrupted by using checksum validation or some such means. The configuration corresponding to these records will be missing on the controller or on the Service Module. The consequences of this missing configuration depends on the type of the missing configuration."

RECOMMENDED ACTION: "Switchover to Standby PXM to check if these records are good on Standby PXM. If these records are not corrupted on Standby, the old Active PXM would recover the corrupted records. If these records are corrupted on the new Active PXM also, then, restore the configuration from the latest saved configuration. If many of these events are observed, it could be due to bad disk and it is highly recommended to change the hard disk back card."

REQUIRED INFO: "Take core dump, save the configuration and collect event logs and

error logs."

## DB2S-5-DBSVR\_VAL\_FAIL

SEVERITY: Warning  
 FORMAT: "DBSVR Validation failed in %s errno = 0x%x %s 0x%x 0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Db server validation task failed "  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSVR\_OS\_FAIL

SEVERITY: Warning  
 FORMAT: "%sError 0x%x %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module encountered failure when attempting to get time of day. It has no impact or consequences. This can be ignored."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-DBSVR\_INTERNAL\_

SEVERITY: Error  
 FORMAT: "%sInternal failure - %s %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module detected internal data structure inconsistency. This could be due to memory corruption. This error results in failing the provisioning request."  
 RECOMMENDED ACTION: "Reset the card."  
 REQUIRED INFO: "Take hot dump, the configuration and collect event and error logs."

## DB2S-5-DBSVR\_GEN\_FAIL1

SEVERITY: Warning  
 FORMAT: "%s. Extra Info- %s<0x%x>"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module detected general failure condition. This event

provides additional information to an already logged error. The consequences of this error depend on the actual error that has occurred."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-5-DBSVR\_GEN\_FAIL2

SEVERITY: Warning

FORMAT: "%s. Extra Info- %s<0x%x>, %s<0x%x>"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Manager module detected general failure condition. This event provides additional information to an already logged error. The consequences of this error depend on the actual error that has occurred."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-5-DBSVR\_GEN\_FAIL3

SEVERITY: Warning

FORMAT: "%s. Extra Info- %s<0x%x>, %s<0x%x>, %s<0x%x>"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Manager module detected general failure condition. This event provides additional information to an already logged error. The consequences of this error depend on the actual error that has occurred."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-5-DBSVR\_WARNING

SEVERITY: Warning

FORMAT: "%s%s 0x%x"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "DB Server detected a warning condition"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-4-DBSVR\_BAD\_PARAM

SEVERITY: Error

FORMAT: "%s %s. Expect <%s>, Received <%s>"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "DB Manager module received a request with parameters that don't match with the information stored in its control structures and/or on disk. This could be due to corruption of its control structures in memory or the corruption of the IPC buffer it received or data on the hard disk. This results in failing the controller card or Service Module to come up."

RECOMMENDED ACTION: "Call TAC."

REQUIRED INFO: "Take hot dump, save the configuration and collect event and error logs."

## DB2S-7-DBSVR\_BAD\_SWID

SEVERITY: Information

FORMAT: "%s SW Id mismatched on slot <%d>. Expected[%d.%d.%d.%d], Received[%d.%d.%d.%d]"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Server detected mismatch on the SW Version received from DB Client's message."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-7-SKIPCHK

SEVERITY: Information

FORMAT: "INTEGRITY CHECK Integrity Skipped. Reason %s"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Server integrity check is skipped for the reason specified."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-7-SKIPSLLOT

SEVERITY: Information

FORMAT: "INTEGRITY CHECK Integrity Skipped for Islot %d. Reason %s"

FLAG: No Flag

THROTTLING: One Tick



EXPLANATION: "DB Server integrity check of the specified lslot is skipped for the reason specified."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-CHKCOMP

SEVERITY: Information  
 FORMAT: "INTEGRITY CHECK %s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server integrity check has either completed successfully or skipped/failed as specified"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-INVLSLOT

SEVERITY: Warning  
 FORMAT: "%s Received Lslot %d is invalid. Min=%d, Max=%d"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server API function received an invalid Lslot as one of its parameters."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSVR\_INVROLE

SEVERITY: Warning  
 FORMAT: "%s Should be called on %s, current role is 0x%x."  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "The specified function is expected to be called only on card with specified role. It is called on the card with specified role. The consequence of this error depends on the function that has been called and the calling module."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-INVPARAM

SEVERITY: Warning

FORMAT: "%s Received invalid Parameter %s = 0x%x"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server API function received an invalid Parameter name and value are as specified."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-DBVERDEL

SEVERITY: Information  
 FORMAT: "%s Deleting DB version directory for lslot %d, Swld=%d.%d.%d.%d"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server API function ssiDiskDbVersionDelete () called with specified lslot and swld"  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-CDINSRECD

SEVERITY: Information  
 FORMAT: "CARD\_INSERT evt recvd with Pseudo-Reserved mismatch for lslot=%d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server received a card insert event with Pseudo-Reserved mismatch from CTC for the specified logical slot."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-INFOREC

SEVERITY: Information  
 FORMAT: "TableInfoRecover Lslot=%d Swld=%d.%d.%d.%d TblName=%s"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server received a request for table information from the DB Client. The Db Client sends this request when its Table Control block is corrupted."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSVR\_UNEXPEVT

SEVERITY: Warning  
 FORMAT: "Unexpected %s 0x%x. %s %d, %s %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server task Received CTC events that belongs to other logical slot which the server did not register for."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-CTCEVTRECD

SEVERITY: Information  
 FORMAT: "%s Lslot=%d From=0x%x To=0x%x Pri=0x%x Sec=0x%x Status=%d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Server task Received UPG/DNG CTC event with specified from version, to version, primary version, secondary version and status."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-LSLOTINFO

SEVERITY: Information  
 FORMAT: "%s Lslot=%d Slot Prim=%d.%d.%d.%d Slot Sec=%d.%d.%d.%d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The Logical Slot version information when DB Server task received the UPG/DNG CTC Event."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-INVCTCINFO

SEVERITY: Error  
 FORMAT: "%s %s - invalid version info."  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Manager module received CTC event for upgrade/downgrade with invalid version information. The error results in failing the upgrade/downgrade of card that is attempted. This could be due to

memory or IPC buffer corruption."

RECOMMENDED ACTION: "Call TAC"

REQUIRED INFO: "Take hot dump and collect event and error logs."

## DB2S-4-INVCTCSLOT

SEVERITY: Error

FORMAT: "Invalid %s (%d) received in %s."

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Manager module received specified CTC event with spcified invalid slot information. This results in failing the operation associated with the event."

RECOMMENDED ACTION: "The actions to be taken depend on the operation that actually has failed."

REQUIRED INFO: "Take hot dump and collect event and error logs."

## DB2S-5-CTCEVTMIS

SEVERITY: Warning

FORMAT: "%s %s event wasn't received."

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "The DB Server task didn't receive specified CTC event for upgrade/downgrade."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-5-UPDLOST

SEVERITY: Warning

FORMAT: "Record %s for Islot=%d DbName='%s' TblName='%s' StartRec=%d NumRec=%d is lost"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "The updates/deletes for the specified logical slot, Db and Table are lost because they are received for the software version that has already been upgraded."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-5-INVREQ

SEVERITY: Warning  
 FORMAT: "Invalid record %s request from lslot=%d for DbName='%s'  
 TblName='%s' StartRec=%d NumRec=%d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "The update/delete request from the specified logical slot for Db and  
 Table is invalid because it is received in runrev state for the software  
 version that is being upgraded/downgraded from."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-STBAVAIL

SEVERITY: Information  
 FORMAT: "Lslot=%d Swld=%d.%d.%d.%d Db/TblName=%s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The Active Db Server received the specified request after the  
 specified version of the lslot has been sync'ed and the request has  
 been sent only to Active Db Server. This request is being NACK'ed  
 with the reason indicating the Db Client to resend the request to  
 both Active and Standby DB Servers."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-STBNOTAVAIL

SEVERITY: Information  
 FORMAT: "StbState=%d, Lslot=%d Swld=%d.%d.%d.%d Db/TblName=%s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The Active Db Server received the specified request after the  
 specified version of the lslot has been sync'ed and the request has  
 been sent only to Active Db Server. But, the Standby PXM is not  
 AVAILABLE."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-REGSTBAVAIL

SEVERITY: Information  
 FORMAT: "Standby AvailableRegistration %s, lslot=%d"

FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The Active Db Server received the specified request after the specified lslot has been sync'ed and the request has been sent only to Active Db Server. But, the Standby PXM is not AVAILABLE to receive that request."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-REG

SEVERITY: Information  
 FORMAT: "Registration %s request received for lslot=%d"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The calling application indicates that the registration for the specified slot begins or ends as specified."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-7-TBLNOTRDY

SEVERITY: Information  
 FORMAT: "TblSyncSts=%d, Lslot=%d Swld=%d.%d.%d.%d TblName=%s"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The Active Db Server received the specified request and the request has been sent only to Active Db Server. The Standby PXM is AVAILABLE but, the specified table has not yet been sync'ed."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-4-PEERCDFSTFAIL

SEVERITY: Error  
 FORMAT: "Error 0x%x getting Standby Card state for slot=%d, State=0x%x, Bit=0x%x"  
 FLAG: No Flag  
 THROTTLING: No Throttling  
 EXPLANATION: "The DB Manager module has failed to get the Standby PXM card state from SHM. This error occurs only on Active PXM. This error occurs either due to shortage of IPC buffers or due to corruption of SHM's control information in the RAM. This indicates that the DB Manager module on the Active doesn't know of the availability of the

Standby PXM. This may result in not having Standby PXM receive Database requests that may result in failure of the core redundancy silently."

RECOMMENDED ACTION: "Call TAC"

REQUIRED INFO: "Take hot dump and collect event and error logs."

## DB2S-7-REDEVT

SEVERITY: Information

FORMAT: "%s Prim Phy Slot = %d, Sec Phy Slot = %d"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "DB Server task Received Addred/Delred CTC event for specified primary and secondary physical slots."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-2-FILELOCK\_FAIL

SEVERITY: Major Alert

FORMAT: "Failed to lock %s, errno = 0x%x"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The DB Server failed to lock the specified signature file for accessing. If this happens while creating the file, the Standby PXM will not cleanup when it comes up that may result in DB corruption. If this happens while opening for reading when Standby PXM is coming up, the Standby PXM will fail to cleanup its DB which may result in DB corruption. This error could occur if the internal resources to lock the file are not available or corrupted."

RECOMMENDED ACTION: "Call TAC"

REQUIRED INFO: "Take hot dump and collect event and error logs."

## DB2S-7-SIG\_FILE

SEVERITY: Information

FORMAT: "%s %s"

FLAG: No Flag

THROTTLING: No Throttling

EXPLANATION: "The DB Server has created specified signature file"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-7-ALTERLOG

SEVERITY:	Information
FORMAT:	"%s sl=%d %s - %d.%d.%d.%d"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The diskDb activities for the specified logical slot, Db and Table are not logged to the current action log file because it might have been taken to provide display request (the log file's semaphore is used to control access). As an alternative, the event is logged onto the normal event log following the format: info_string sl=<slotnum> <dbActionstring> - <maj.min.maint.patch rel> Where: Examples of the dbActionstrings' format are: 1*ImiDiskDb*0x2000000*30 means DbCreate(1) db(ImiDiskDb) dbVer(0x2000) dBhashIndx(30) OR: 2*ImiDiskDb*ImiDiskDbTable*17 means TblCreate(2) db(ImiDiskDb) tbl(ImiDiskDbTable) tblHashIndx(17) OR: 3*ImiDiskDb*30 means DbRegister(3) db(ImiDiskDb) dBhashIndx(30) OR: 9*provRed*Disk_prov_pnni_nd_db*1*1*10*2*1 means TlbUpdate(9) db(provRed) tbl(Disk_prov_pnni_nd_db) startRec(1) numRec(1) commitId(10) FlagCopy B(2) TailCopy A(1)"
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## UPDN-7-DBUPDATE

SEVERITY:	Information
FORMAT:	"%s Lslot=%d Version=%d.%d.%d.%d DBName=%s TblName=%s StartRec=%d NumRec=%d"
FLAG:	No Flag
THROTTLING:	No Throttling
EXPLANATION:	"The update/delete request from the specified logical slot, version, Db and Table has been received during the upgrade/downgrade of the logical slot and is in run-rev state. The start record and number of records is provided."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DDTS "diskdb"

### DB2S-4-DBSYNC\_COMEP

SEVERITY:	Error
FORMAT:	"Error 0x%x instantiating DB Sync Communication Port"



FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Sync module has failed to instantiate an IPC message queue. This could be due to shortage of memory or bad image or memory corruption or hardware problem. This results in resetting the card."  
 RECOMMENDED ACTION: "Reset the card one more time and see if it comes up. If the problem persists, try with another controller card."  
 REQUIRED INFO: "Collect and save the core, event logs and error logs."

## DB2S-4-DBSYNC\_TMRERR

SEVERITY: Error  
 FORMAT: "%s Error 0x%x creating Sync Timer for File Repl Retx."  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Sync module has failed to create a timer. This could be due to memory shortage or leakage. If this error occurs, the card will not come up."  
 RECOMMENDED ACTION: "Reset the card one more time and see if it comes up. If the problem persists, try with another controller card."  
 REQUIRED INFO: "Collect and save the core, event logs and error logs."

## DB2S-4-DBSYNC\_RETXQ

SEVERITY: Error  
 FORMAT: "%s Error 0x%x creating Retx Q for File Replication Requests"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "The DB Manager Sync module has failed to create a message queue for retransmission. This could be due to memory shortage or leakage. If this error occurs, the card will not come up."  
 RECOMMENDED ACTION: "Reset the card one more time and see if it comes up. If the problem persists, try with another controller card."  
 REQUIRED INFO: "Collect and save the core, event logs and error logs."

## DB2S-5-DBSYNC\_CTCAPI

SEVERITY: Warning  
 FORMAT: "Error 0x%x on call to %s"  
 FLAG: Write to Bram  
 THROTTLING: One Tick  
 EXPLANATION: "DB Sync task failed on querying the CTC using the CTC API functions"

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-4-DBSYNC\_FILE\_LOC

SEVERITY: Error

FORMAT: "%s Error 0x%x %s %s, file key = 0x%x"

FLAG: Stack Trace

THROTTLING: One Tick

EXPLANATION: "The DB Manager Sync module failed to lock/unlock the specified file. If this happens while opening for reading/writing when Standby PXM is coming up, the Standby PXM will fail to complete the disk sync. This error could occur if the internal resources to lock the file are not available or corrupted."

RECOMMENDED ACTION: "Call TAC"

REQUIRED INFO: "Take hot dump and collect event and error logs."

## DB2S-4-DBSYNC\_SHMAPI

SEVERITY: Error

FORMAT: "Error 0x%x on call to %s"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "The DB Manager Sync module failed to get required information for the Shelf Manager Module. This could be due to lack of IPC buffers or internal error. If this error occurs, regardless of whether it occurred on Active controller card or Standby controller card, the Standby controller card doesn't come up."

RECOMMENDED ACTION: "Call TAC"

REQUIRED INFO: "Take hot dump and collect event and error logs."

## DB2S-7-SHMINFO

SEVERITY: Information

FORMAT: "%s Lslot Rev Info lslot=%d, valid=%d, primRev=0x%x, secRev=0x%x, fromRev=0x%x, toRev=0x%x, revStatus=%d"

FLAG: No Flag

THROTTLING: One Tick

EXPLANATION: "Db Sync task queried the SHM for Lslot Revision information for the specified logical slot and got the specified information."

RECOMMENDED ACTION: No Recommended Action

REQUIRED INFO: No Required Info

## DB2S-4-DBSYNC\_DATAXFER

SEVERITY:	Error
FORMAT:	"%s Error 0x%x on call to %s"
FLAG:	Stack Trace Write to Bram
THROTTLING:	One Tick
EXPLANATION:	"The DB Manager Sync module failed while using Data Transfer services. This could be due to internal error. This results in Standby controller card failing to come up."
RECOMMENDED ACTION:	"Reset the Standby controller card. If this error still persists, call TAC."
REQUIRED INFO:	"Take hot dump of both the Active and Standby controller cards. Collect event and error logs."

## DB2S-5-DBSYNC\_INVMSGTY

SEVERITY:	Warning
FORMAT:	"%s Message received with Invalid Type = %d"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"DB Sync task received a message with invalid message type."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2S-5-DBSYNC\_INVMSGLG

SEVERITY:	Warning
FORMAT:	"%s Invalid Message Length Lg in Hdr %d should be <= %d+%d"
FLAG:	No Flag
THROTTLING:	One Tick
EXPLANATION:	"DB Sync task received a message with invalid message Length. The length in header should be less than or equal to the Msg Len given by the IPC + message header size."
RECOMMENDED ACTION:	No Recommended Action
REQUIRED INFO:	No Required Info

## DB2S-5-DBSYNC\_HDRVAL

SEVERITY:	Warning
FORMAT:	"Header Validation Invalid %s-expected 0x%x LSlot 0x%x MsgType 0x%x MsgLen 0x%x"
FLAG:	No Flag
THROTTLING:	One Tick

EXPLANATION: "DB Sync task received a message with invalid header contents."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_HDRVALMM

SEVERITY: Warning  
 FORMAT: "Header Validation Invalid %s-expected [0x%x-0x%x] LSlot 0x%x  
 MsgType 0x%x MsgLen 0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Sync task received a message with invalid header contents."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_INVRESPI

SEVERITY: Warning  
 FORMAT: "%s Invalid File Sync Response, expected = 0x%x or 0x%x, received  
 0x%x"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "Application/DB Sync task received an invalid response to File  
 Replication request."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_LENVAL

SEVERITY: Warning  
 FORMAT: "%s Invalid message length, expected >= %d, received %d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Sync task received a message with invalid message length."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_INVVAL

SEVERITY: Warning  
 FORMAT: "%s Invalid %s, expected >= %d, received %d"  
 FLAG: No Flag

THROTTLING: One Tick  
 EXPLANATION: "DB Sync task received a message with invalid value for the specified field."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_NULLPARA

SEVERITY: Warning  
 FORMAT: "%s Invalid Parameter %s"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "File Replication API received NULL parameter."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_INVLVAL

SEVERITY: Warning  
 FORMAT: "%s Invalid %s, expected <= %d, received %d"  
 FLAG: Stack Trace  
 THROTTLING: One Tick  
 EXPLANATION: "DB Sync task received an invalid value for the specified field."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

## DB2S-5-DBSYNC\_INSUF\_BU

SEVERITY: Warning  
 FORMAT: "%s Insufficient buffer SendLen=%d, Need %d more, Total Avail=%d"  
 FLAG: No Flag  
 THROTTLING: One Tick  
 EXPLANATION: "DB Sync task preparing a response message and the buffer that has been allocated is insufficient."  
 RECOMMENDED ACTION: No Recommended Action  
 REQUIRED INFO: No Required Info

