Cisco IPCC 오류 코드

목차

소개

이 문서에서는 Cisco CallManager PG(주변 장치 게이트웨이)에 대해 생성된 주변 장치 오류 코드를 제공합니다. 이러한 오류 메시지를 사용하여 IPCC(인터넷 프로토콜 컨택 센터) 환경의 문제를 해결할 수 있습니다.check 명령줄 유틸리티를 사용하면 알려진 모든 Cisco CallManager PG 오류 코드를 볼 수 있습니다.이 유틸리티는 Cisco ICM(Intelligent Contact Management) 버전 4.6.1 이상에서 CallManager PG의 일부입니다.이 툴은 첫 번째, 두 번째 및 세 번째 레벨의 추적 메시지를 자세히 캡처하여 다음 중 어떤 프로세스에서 오류를 생성하는지 나타냅니다.

- PIM(Peripheral Interface Manager)
- JTAPI(Java Telephony Application Programming Interface) 게이트웨이
- Cisco CallManager

소프트 전화기에 기호 주변 장치 오류 메시지가 표시됩니다.오류 메시지와 함께 간략한 설명이 표시됩니다. 오류 및 발생한 이벤트를 생성한 프로세스가 표시됩니다.다음 표는 예를 보여줍니다.

오류	을 나타냅니다...
PERERR_TELDRIVE	텔레포니 드라이버 계층에서 오류를 생성했습니다.
PERERR_JTCLIENT	JTAPI 클라이언트가 오류를 생성했습니다.
페레러자애플레이	JTAPI 애플리케이션 레이어에서 오류를 생성했습니다.
PERERR_GW_E	JTAPI 게이트웨이가 오류를 생성했습니다.
PERERR_CM	Cisco CallManager에서 오류를 생성했습니다.

사전 요구 사항

요구 사항

다음 주제에 대한 지식을 보유하고 있으면 유용합니다.

- Cisco ICM PG 문제 해결 및 지원

사용되는 구성 요소

이 문서의 정보는 다음 소프트웨어 및 하드웨어 버전을 기반으로 합니다.

- Cisco ICM 버전 4.6.2 이상

이 문서의 정보는 특정 랩 환경의 디바이스를 토대로 작성되었습니다.이 문서에 사용된 모든 디바이스는 초기화된(기본) 컨피그레이션으로 시작되었습니다.현재 네트워크가 작동 중인 경우, 모든 명령어의 잠재적인 영향을 미리 숙지하시기 바랍니다.

표기 규칙

문서 규칙에 대한 자세한 내용은 [Cisco 기술 팁 표기 규칙을 참고하십시오.](#)

오류 코드

참고: 이러한 값 중 일부는 공간 제한으로 인해 두 행에 표시됩니다.

-1 페레르_알 수 없음

```
1st Level Text = 'Unknown Peripheral Error'

2nd Level Text = 'The Peripheral error specified does not exist'

3rd Level Text = ''
```

-1 페레르_알 수 없음

```
1st Level Text = 'Unknown Peripheral Error'

2nd Level Text = 'The Peripheral error specified does not exist'

3rd Level Text = ''
```

10001 PERERR_TELDRIVE_LOCKTPSERVICES

```
1st Level Text = 'A logic error occurred prior to Locking TP Services'

2nd Level Text = 'The TP Services cannot be locked by the thread since it is
  already locked. This is a serious logic condition and should be reported/resolved'

3rd Level Text = ''
```

10002 PERERR_TELDRIVE_LOCKINSTANCE

```
1st Level Text = 'A logic error occurred prior to Locking the Client Instance'
```

2nd Level Text = 'The Client Instance cannot be locked by the thread since it is
    already locked. This is a serious logic condition and should be reported/resolved'

3rd Level Text = ''

10003 PERERR_TELDRIVE_LOCKTELDRIVELLAYER

1st Level Text = 'A logic error occurred prior to Locking the Telephony
    Driver Layer'

2nd Level Text = 'The Telephony Driver Layer cannot be locked by the thread since
    it is already locked. This is a serious logic condition and should be reported/resolved'

3rd Level Text = ''

10004 PERERR_TELDRIVE_NOINSTRUMENTFORENXTENSION

1st Level Text = 'The extension number specified is not associated with
    any known instrument'

2nd Level Text = 'An instrument with the number specified cannot be found for any
    instrument. Perhaps an invalid extension was specified.'

3rd Level Text = ''

10101 PERERR_TELDRIVE_AGENTALREADYLOGGOUT

1st Level Text = 'The agent is already LOGGED out'

2nd Level Text = 'An attempt was made to logout an agent who is already logged out.
    This attempt failed'

3rd Level Text = ''

10102 PERERR_TELDRIVE_AGENTALREADYSIGNEDON

1st Level Text = 'The agent is already LOGGED ON'

2nd Level Text = 'An attempt was made to login an agent that is already logged in.
    This attempt failed'

3rd Level Text = ''

10103 PERERR_TELDRIVE_AGENTAVAILABLE작업

1st Level Text = 'The requested function cannot be performed since the
    agent is AVAILABLE or in a CALL WORK State'

2nd Level Text = 'This can occur when an agent tries to make a call from an
    AVAILABLE, or WORK state'

3rd Level Text = ''

10104 PERERR_TELDRIVE_AGENTCANTGUNVAILABLE

1st Level Text = 'The Agent cannot go UNAVAILABLE due to possible calls'

2nd Level Text = 'When this error occurs, the ROUTER did not approve the agent going
    unavailable. Typically retrying this will make it succeed.'

3rd Level Text = ''

10105 PERERR_TELDRIVE_AGENTNOTIATEAM

1st Level Text = 'Agent is not a TEAM member - cannot make supervisor call'

2nd Level Text = 'The agent is trying to make a supervisor assist call but is not a member of a team.'

3rd Level Text = ''

10106 PERERR_TELDRIVE_AGENTRESERVED

1st Level Text = 'Agent is RESERVED - cannot make call'

2nd Level Text = 'This error occurs when the agent is trying to make a call or consult call but is currently RESERVED for an incoming call'

3rd Level Text = ''

10107 PERERR_TELDRIVE_AGENTTEAMNOFOUND

1st Level Text = 'Internal Logic Error - Agent Team not found'

2nd Level Text = 'The agent team specified in the agent object cannot be found. This indicates an internal error that should be reported and resolved.'

3rd Level Text = ''

10108 PERERR_TELDRIVE_BADSTATETRANSION

1st Level Text = 'The state transition is invalid from the current state'

2nd Level Text = 'The routine ValidateAgentPrevalentStateTransition determined that the desired transition was illegal from the current state'

3rd Level Text = ''

10109 PERER_TELDRIVE_CALLTYPENDOPVALIDFORDIALPLAN

1st Level Text = 'The agent is attempting to make a call that is not valid for their defined call plan'

2nd Level Text = 'The call type that the call was classified into is not allowed for the dialed Number Plan used'

3rd Level Text = ''

10110 PERERR_TELDRIVE_CANNOTENTERWRAPWITHOCAL

1st Level Text = 'Cannot enter Wrapup Mode - No Call'

2nd Level Text = 'Transitioning to work mode cannot be done without an active call'

3rd Level Text = ''

10111 PERERR_TELDRIVE_CANTGOREADYFROMCURRENTSTATE

1st Level Text = 'Cannot transition to READY from current state'

2nd Level Text = 'Based upon transition rules, the agent cannot go READY. Examples: You
  can't go READY from TALKING'

3rd Level Text = ''

10112 PERERR_TELDRIVE_CANTLOGOUTFROMCURRENTSTATE

1st Level Text = 'The agent cannot log out from the current state'

2nd Level Text = 'The agent needs to be NOT READY in order to log out'

3rd Level Text = ''

10113 PERERR_TELDRIVE_CLIENTCONFIGUREFAIL

1st Level Text = 'ClientInstance Configuration Failed - Login Failed'

2nd Level Text = 'Within CSTASetAgentState, ConfigureClientInstance failed. This caused
  the Login to fail'

3rd Level Text = ''

10114 PERERR_TELDRIVE_CLIENTFAILURE_RECALBACK

1st Level Text = 'No client was found associated with a response'

2nd Level Text = 'This can happen when a CTI Client disconnects prior to a requested
  operation completing.'

3rd Level Text = ''

10115 PERER_TELDRIVE_CREATEINSTANFAILED

1st Level Text = 'CreateNewClientInstance Failed - Login Failed'

2nd Level Text = 'Within CSTASetAgentState, CreateNewCLientInstance failed. This
  caused the Login to fail. This could indicate an internal error condition'

3rd Level Text = ''

10116 PERERR_TELDRIVE_DEVICEINUSE

1st Level Text = 'Device is already in use by another agent'

2nd Level Text = 'This happened due to an agent logging into a device that already
  has an agent logged in'

3rd Level Text = ''

10117 PERERR_TELDRIVE_ILLEGALDIALSTRING

1st Level Text = 'Invalid DTMF Dial string.'

2nd Level Text = 'The dial string specified in the request contains invalid DTMF
  characters. This is due to failing the default validation, or the specific
  validation defined in the Device Target config'

3rd Level Text = ''

10118 PERERR_TELDRIVE_INSTRUMENTNOTONPERIPHERAL

1st Level Text = 'Instrument is not on THIS peripheral'

2nd Level Text = 'An attempt was made to log in an agent to an instrument that is not on this peripheral.'

3rd Level Text = ''

10119 PERER_TELDRIVE_INVALIDLOGINDEVICIPADDRESS

1st Level Text = 'The IP Address specified in the Device Target does not match this agent.'

2nd Level Text = 'The IP Address specified in the Device Target did not match the IP address of the agent requesting agent'

3rd Level Text = ''

10120 PERERR_TELDRIVE_INVALIDPASSWORD

1st Level Text = 'Invalid Agent Password Specified'

2nd Level Text = ''

3rd Level Text = ''

10121 PERERR_TELDRIVE_LOGOUTPENDING

1st Level Text = 'A logout is pending - cannot change state'

2nd Level Text = 'The agent state cannot be changed because a logout is pending for the agent'

3rd Level Text = ''

10122 PERERR_TELDRIVE_LOGOUTREREQUIRED

1st Level Text = 'A reason code is required to log out'

2nd Level Text = 'Due to agent desk settings a reason code is required in order to log out.'

3rd Level Text = ''

10123 PERERR_TELDRIVE_NOAGENTFORSKILTTARGET

1st Level Text = 'An agent could not be found for the Skill target referenced. Possible Internal Error'

2nd Level Text = 'An agent with the skill target specified in either the device target, or in the private data of a QueryDevice Agent state message cannot be found. This could indicate a logic error'

3rd Level Text = ''

10124 PERERR_TELDRIVE_NODESKSETTINGS

1st Level Text = 'The agent has no desk settings - Configuration Error'

2nd Level Text = 'The agent's desk setting ID is not set, indicating that the agent
  has no desk settings configured.'

3rd Level Text = ''

10125 PERERR_TELDRIVE_NODEVICETARGETFORNETTARGETID

1st Level Text = 'The device target specified does not exists. Internal or
  configuration error'

2nd Level Text = 'A device target with the network target ID specified cannot be
  found. This could indicate either an internal error or a configuration error'

3rd Level Text = ''

10126 PERERR_TELDRIVE_NOPEDNUMBERFOR_AT

1st Level Text = 'No dialed number for the dialed number ID specified in
  the Dialed Number Plan'

2nd Level Text = 'The number does not correlate to any known dialed number. This
  indicates either a configuration or internal error'

3rd Level Text = ''

10127 PERER_TELDRIVE_NALEDNUMBERFOR_DNP

1st Level Text = 'No dialed number for the dialed number ID specified in
  the Dialed Number Plan'

2nd Level Text = 'The number specified does not correlate to any known dialed
  number. This indicates either a configuration or internal error'

3rd Level Text = ''

10128 PERERR_TELDRIVE_NOSKILLGROUPS

1st Level Text = 'CONFIG Error - Cannot Log in - No Skill groups defined
  for agent'

2nd Level Text = 'The agent attempting a login attempt is not associated with any
  skill groups. At least one skill group must be defined for the agent'

3rd Level Text = ''

10129 PERERR_TELDRIVE_NOTAGENTSDEVICE

1st Level Text = 'Cannot log in - Device is in use by another agent'

2nd Level Text = 'The agent is attempting to log into a device that another agent
  is already logged into'

3rd Level Text = ''

10130 PERERR_TELDRIVE_REASONCODEREQUIRED로그아웃

1st Level Text = 'A reason code is required to log out'

2nd Level Text = 'The agent is configured to require a logout reason and none was specified.'

3rd Level Text = ''

10131 PERER_TELDRIVE_REASONCODEREQUIRED_FORENDY

1st Level Text = 'A reason code is required to go NOT READY'

2nd Level Text = 'The agent is configured to require a reason code to go NOT READY and none was specified'

3rd Level Text = ''

10132 PERERR_TELDRIVE_UKNOWNDEVICE

1st Level Text = 'Unknown Instrument or Extension number specified'

2nd Level Text = 'The device specified in the third party or Route select request is not associated with any client'

3rd Level Text = ''

10133 PERERR_TELDRIVE_UNAVAILABLE요청 보류 중

1st Level Text = 'State change failed - Pending Unavailable request'

2nd Level Text = 'The requested state change failed because a state change to unavailable is pending.'

3rd Level Text = ''

10134 PERER_TELDRIVE_UNKNOWNACTIVEDEVICE

1st Level Text = 'Unknown ACTIVE device specified'

2nd Level Text = 'The active device specified in the request is not associated with any client. The connection ID is invalid'

3rd Level Text = ''

10135 PERERR_TELDRIVE_UNKNOWNAGENTID

1st Level Text = 'Unknown agent id specified'

2nd Level Text = 'The agent id specified on the LOGIN or Associate data request is not a known agent'

3rd Level Text = ''

10136 PERERR_TELDRIVE_UNKNOWNCALLINGDEVICE

1st Level Text = 'Unknown Calling Device'

2nd Level Text = 'The calling device specified in the MakeCall or MakePredictiveCall function is unknown'

3rd Level Text = ''

10138 PERERR_TELDRIVE_UNKNOWNHELDDEVICE

1st Level Text = 'Unknown HELD device'

2nd Level Text = 'The HELD device specified in the RetrieveCall function is unknown'

3rd Level Text = ''

10139 PERERR_TELDRIVE_UNKNOWNINSTANCE

1st Level Text = 'No client could be found for the request'

2nd Level Text = 'A client for the Set State or ClearConnection request could not be found by any of multiple methods.'

3rd Level Text = ''

10140 PERERR_TELDRIVE_UNKNOWNSUPERVISOR 장치

1st Level Text = 'Unknown supervisor device'

2nd Level Text = 'The device specified in the SupervisorCall request is not valid'

3rd Level Text = ''

10141 PERERR_TELDRIVE_WRAPUPDATA_REQUIRED

1st Level Text = 'Wrapup Data is required (first)'

2nd Level Text = 'The attempted transition to READY or NOT READY cannot be completed until wrapup data is entered'

3rd Level Text = ''

10142 PERER_TELDRIVE_WRAPNOTALOWED

1st Level Text = 'Wrap up not allowed'

2nd Level Text = 'Wrapup is not allowed due to agent desk settings'

3rd Level Text = ''

11001 PERER_JTCLIENT_NOJTAPIAPPPROTO

1st Level Text = 'No JTAPI Application Protocol is defined for the Peripheral'

2nd Level Text = 'No JTAPI Application Protocol layer could be found for the peripheral'

3rd Level Text = ''

11002 PERERR_JTCLIENT_ERRORSENDINGTOGW

1st Level Text = 'An error occurred sending the request to the Gateway application protocol'

2nd Level Text = 'This could be an indication of a serious error and should be investigated'

3rd Level Text = ''

11003 PERERR_JTCLIENT_UNKNOWNCALLED

1st Level Text = 'Unknown Call ID'

2nd Level Text = 'The call ID specified in the request is unknown'

3rd Level Text = ''

11004 PERERR_JTCLIENT_NODEVICETARGETFORNETTARGETID

1st Level Text = 'Internal Error - No Device Target found for Network Target ID'

2nd Level Text = 'This is a potential internal error on an operation, an attempt to lookup a device target by it's network target ID failed.'

3rd Level Text = ''

11005 PERERR_JTCLIENT_NOAGENTFORSKILTARGETID

1st Level Text = 'Internal Error - Agent not found for Skill Target ID'

2nd Level Text = 'This is a potential internal error on an operation, an attempt to lookup an agent by a skill target ID failed.'

3rd Level Text = ''

11006 PERERR_JTCLIENT_UNKNOWNINSTRUMENTS

1st Level Text = 'Unknown Instrument'

2nd Level Text = 'The Instrument specified in a request was not found'

3rd Level Text = ''

12001 PERER_JTAPPLAY_ERRORSENDTOGW

1st Level Text = 'Internal Error - Error on ProcmonSendMsg'

2nd Level Text = 'An error occurred sending the message to the gateway'

3rd Level Text = ''

12002 PERERR_JTAPPLAY_REQUESTNOTFOUND

1st Level Text = ' Request Not found - No client'

2nd Level Text = 'A response was received for a client handle that is no longer there. Possibly the client disconnected/logged out'

3rd Level Text = ''

12003 PERER_JTAPLAY_NOINVICATIONDATA

1st Level Text = 'Internal Error - No invocation data'

2nd Level Text = 'A response for a tracked request was received however, no

invocation data for that request exists'

3rd Level Text = ''

13000 PERERR_GW_E_NO_ERROR

1st Level Text = 'JTAPI Gateway - No error'

2nd Level Text = ''

3rd Level Text = ''

13001 PERERR_GW_E_INVALID_VERSION

1st Level Text = 'JTAPI Gateway - Incorrect CallManager version -
  BRAVO required during protocol negotiation with the CallManager, the CallManager
  version was detected and is not BRAVO'

2nd Level Text = ''

3rd Level Text = ''

13002 PERERR_GW_E_SESSION_ALREADY_ACTIVE

1st Level Text = 'JTAPI Gateway - CM Session already active'

2nd Level Text = ''

3rd Level Text = ''

13003 PERERR_GW_E_VRU_OFFLINE

1st Level Text = 'JTAPI Gateway - Undescribed error'

2nd Level Text = ''

3rd Level Text = ''

13004 PERERR_GW_E_SESSION_NOT_ACTIVE

1st Level Text = 'JTAPI Gateway - Undescribed error'

2nd Level Text = ''

3rd Level Text = ''

13005 PERERR_GW_E_INVALID_DIALED_NUMBER

1st Level Text = 'JTAPI Gateway - CM - Invalid Dialed Number'

2nd Level Text = ''

3rd Level Text = ''

13006 PERERR_GW_E_EVENTS_NOT_SUPPORTED

1st Level Text = 'JTAPI Gateway - Events not supported'

2nd Level Text = ''

3rd Level Text = ''
13008 PERERR_GW_E_ROUTING_NOT_SUPPORTED

1st Level Text = 'JTAPI Gateway - Routing not supported'

2nd Level Text = ''

3rd Level Text = ''
13009 PERERR_GW_E_TIME_SYNCH_NOT_SUPPORTED

1st Level Text = 'JTAPI Gateway - Time Sync Not supported'

2nd Level Text = ''

3rd Level Text = ''
13010 PERERR_GW_E_TIMEOUT

1st Level Text = 'JTAPI Gateway - Time-out Error'

2nd Level Text = ''

3rd Level Text = ''
13011 PERERR_GW_E_PG_OFFLINE

1st Level Text = 'JTAPI Gateway - PG is off-line'

2nd Level Text = ''

3rd Level Text = ''
13012 PERERR_GW_E_REQUEST_REJECTED

1st Level Text = 'JTAPI Gateway - Request Refused'

2nd Level Text = ''

3rd Level Text = ''
13013 PERERR_GW_E_ROUTING_NOT_AVAILABLE

1st Level Text = 'JTAPI Gateway - Routing Not Available'

2nd Level Text = ''

3rd Level Text = ''
13014 PERERR_GW_E_ROUTE_NOT_ACCEPTED

1st Level Text = 'JTAPI Gateway - Route Not accepted'

2nd Level Text = ''

3rd Level Text = ''

13015 PERERR_GW_E_UNSPECIFIED_FAILURE

1st Level Text = 'JTAPI Gateway - Unspecified Failure'

2nd Level Text = ''

3rd Level Text = ''

13016 PERERR_GW_E_INVALID_INVOKEID

1st Level Text = 'JTAPI Gateway - Invalid Invoke ID'

2nd Level Text = ''

3rd Level Text = ''

13017 PERERR_GW_E_SERVICE_CTRL_NOT_SUPPORTED

1st Level Text = 'JTAPI Gateway - Service Control Not Supported'

2nd Level Text = ''

3rd Level Text = ''

13018 PERERR_GW_E_NO_SCRIPT

1st Level Text = 'JTAPI Gateway - No Script'

2nd Level Text = ''

3rd Level Text = ''

13019 PERERR_GW_E_CALL_VARIABLE1

1st Level Text = 'JTAPI Gateway - Error Call Variable 1'

2nd Level Text = ''

3rd Level Text = ''

13020 PERERR_GW_E_CALL_VARIABLE2

1st Level Text = 'JTAPI Gateway - Error Call Variable 2'

2nd Level Text = ''

3rd Level Text = ''

13021 PERERR_GW_E_CALL_VARIABLE3

1st Level Text = 'JTAPI Gateway - Error Call Variable 3'

2nd Level Text = ''

3rd Level Text = ''

13022 PERERR_GW_E_CALL_VARIABLE4

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 4'

2nd Level Text = ''

3rd Level Text = ''
```

13023 PERERR_GW_E_CALL_VARIABLE5

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 5'

2nd Level Text = ''

3rd Level Text = ''
```

13024 PERERR_GW_E_CALL_VARIABLE6

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 6'

2nd Level Text = ''

3rd Level Text = ''
```

13025 PERERR_GW_E_CALL_VARIABLE7

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 7'

2nd Level Text = ''

3rd Level Text = ''
```

13026 PERERR_GW_E_CALL_VARIABLE8

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 8'

2nd Level Text = ''

3rd Level Text = ''
```

13027 PERERR_GW_E_CALL_VARIABLE9

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 9'

2nd Level Text = ''

3rd Level Text = ''
```

13028 PERERR_GW_E_CALL_VARIABLE10

```
1st Level Text = 'JTAPI Gateway - Error Call Variable 10'

2nd Level Text = ''

3rd Level Text = ''
```

13029 PERERR_GW_E_INVALID_SCRIPT

```
1st Level Text = 'JTAPI Gateway - Error Invalid Script'
```

2nd Level Text = ''

3rd Level Text = ''

13030 PERERR_GW_E_INVALID_CALLED

1st Level Text = 'JTAPI Gateway - Error Invalid Call ID'

2nd Level Text = ''

3rd Level Text = ''

13032 PERERR_GW_E_INVALID_MESSAGE

1st Level Text = 'JTAPI Gateway - Error Invalid Message'

2nd Level Text = ''

3rd Level Text = ''

13034 PERERR_GW_E_OPERATION_CANCELLED

1st Level Text = 'JTAPI Gateway - Operation Cancelled'

2nd Level Text = ''

3rd Level Text = ''

13035 PERERR_GW_E_OPERATION_NOT_CANCELLED

1st Level Text = 'JTAPI Gateway - Operation Not Cancelled'

2nd Level Text = ''

3rd Level Text = ''

13036 PERER_GW_E_JTAPIOBJ_PERFORMANCE SWERCALL_NO_TERMINAL_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on ANSWER operation'

2nd Level Text = 'The routine performAnswerCall in class JTapiObj got a null
  connection from a call to 'findTerminalConnection'

3rd Level Text = ''

13037 PERERR_GW_E_JTAPIOBJ_PERFORMHOLDCALL_NO_TERMINAL_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on HOLD operation'

2nd Level Text = 'The routine performHoldCall in class JTapiObj got a null
  connection from a call to 'findTerminalConnection'

3rd Level Text = ''

13038 PERERR_GW_E_JTAPIOBJ_PERFORMREDIRECTCALL_INVALID_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on REDIRECT operation - Invalid
  Connection'

2nd Level Text = 'The routine performRedirectCall in class JTapiObj got a null
  connection from a call to 'findConnection'

3rd Level Text = ''

13039
PERERR_GW_E_JTAPIOBJ_PERFORMATRETRIEVECALL_NO_TERMINAL_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on RETRIEVE operation'

2nd Level Text = 'The routine performRetrieveCall in class JTapiObj got a null
  connection from a call to 'findTerminalConnection'

3rd Level Text = ''

13040 PERERR_GW_E_THREADANSWERCALL_ANSWER_EXCEPTION

1st Level Text = 'JTAPI Gateway - Error on ANSWER operation - Exception'

2nd Level Text = 'The routine run in object ThreadAnswerCall got an exception
  (Not of type CiscoJTapiException) on a call to 'answer'

3rd Level Text = ''

13041 PERER_GW_E_THREADCLEARCALL_CALL_NOT_CONTROLLED

1st Level Text = 'JTAPI Gateway - Error on CLEAR CALL operation - Uncontrolled
  Call'

2nd Level Text = 'The call specified is not a controlled call'

3rd Level Text = ''

13042 PERER_GW_E_THREADCLEARCALL_DROP_EXCEPTION

1st Level Text = 'JTAPI Gateway - Error on CLEAR CALL operation - Exception'

2nd Level Text = 'The routine run in object ThreadClearCall got an exception (Not of
  type CiscoJTapiException) on a call to 'drop''

3rd Level Text = ''

13043 PERERR_GW_E_THREADCLEARCALL_UNKNOWN_CALLED

1st Level Text = 'JTAPI Gateway - Error on CLEAR CALL operation - Unknown
  Call ID'

2nd Level Text = ''

3rd Level Text = ''

13044 PERERR_GW_E_THREADCLEARCONNECTION_UNKNOWN_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on CLEARCONNECTION operation -
  Unknown connection ID'

2nd Level Text = ''

3rd Level Text = ''

13045 PERERR_GW_E_THREADCONFERENCECALL_ACTIVE_CONN_NOT_TALKING

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation - ACTIVE
  connection not in proper state'

2nd Level Text = 'The connection specified in the active connection is not in the
  TALKING state'

3rd Level Text = ''

13046 PERERR_GW_E_THREADCONFERENCECALL_BAD_ACTIVE_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation - ACTIVE
  connection not found'

2nd Level Text = ''

3rd Level Text = ''

13047 PERERR_GW_E_THREADCONFERENCECALL_BAD_HELD_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation - HELD
  connection not found'

2nd Level Text = ''

3rd Level Text = ''

13048 PERER_GW_E_THREADCONFERENCECALL_CREATEALL_NULL_CALL

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got a null call
  returned from 'createcall'.'

3rd Level Text = ''

13049 PERERR_GW_E_THREADCONFERENCECALL_EXCEPTION_ADDPARTY

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception (Not
  of type CiscoJTapiException) on a call to 'addparty''

3rd Level Text = ''

13050 PERERR_GW_E_THREADCONFERENCECALL_EXCEPTION_CONFERENCE_NEW

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception
  (Not of type CiscoJTapiException) on a call to 'conference' for the NEW call'

3rd Level Text = ''

13051 PERERR_GW_E_THREADCONFERENCECALL_EXCEPTION_CONFERENCE_HELD

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception
  (Not of type CiscoJTapiException) on a call to 'conference' for the HELD call'

3rd Level Text = ''

13052 PERERR_GW_E_THREADCONFERENCECALL_EXCEPTION_CONSULT

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception
  (Not of type CiscoJTapiException) on a call to 'consult''

3rd Level Text = ''

13053 PERER_GW_E_THREADCONFERENCECALL_EXCEPTION_CREATEALL

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception
  (Not of type CiscoJTapiException) on a call to 'consult''

3rd Level Text = ''

13054
PERERR_GW_E_THREADCONFERENCECALL_EXCEPTION_SETROFERENCEENABLE

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception
  (Not of type CiscoJTapiException) on a call to 'setconferenceenable''

3rd Level Text = ''

13055
PERERR_GW_E_THREADCONFERENCECALL_EXCEPTION_SETTRANSFERCONTROLLER

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation'

2nd Level Text = 'The routine run in object ThreadConferenceCall got an exception
  (Not of type CiscoJTapiException) on a call to 'settransfercontroller''

3rd Level Text = ''

13056 PERERR_GW_E_THREADCONFERENCECALL_HELD_CONN_NOT_HELD

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation - HELD
  connection not HELD'

2nd Level Text = 'The connection passed for the held connection is not in the
  HELD state'

3rd Level Text = ''

13057 PERERR_GW_E_THREADCONFERENCECALL_NULL_DIALED_NUMBER

1st Level Text = 'JTAPI Gateway - Error on CONFERENCE operation - Invalid

Dialed Number'

2nd Level Text = 'A NULL dialed number was specified for the consultation number'

3rd Level Text = ''

13058 PERER_GW_E_THREADCONSULTANATIONCALL_CREATEALL_NULL_CALL

1st Level Text = 'JTAPI Gateway - Operation error on CONSULT operation'

2nd Level Text = 'The routine run in object ThreadConsultationCall got a null call
  returned from 'createcall'.'

3rd Level Text = ''

13059 PERERR_GW_E_THREADCONSULTANATIONCALL_EXCEPTION_CONSULT

1st Level Text = 'JTAPI Gateway - Error on CONSULT operation'

2nd Level Text = 'The routine run in object ThreadConsultationCall got an exception
  on a call to 'settransfercontroller''

3rd Level Text = ''

13060 PERER_GW_E_THREADCONSULTANCY CALL_EXCEPTION_CREATEALL

1st Level Text = 'JTAPI Gateway - Error on CONSULT operation'

2nd Level Text = 'The routine run in object ThreadConsultationCall got an exception
  on a call to 'createCall''

3rd Level Text = ''

13061 PERER_GW_E_THREADCONSULTANATIONCALL_EXCEPTION_SETROFERENCEENABLE

1st Level Text = 'JTAPI Gateway - Error on CONSULT operation'

2nd Level Text = 'The routine run in object ThreadConsultationCall got an exception
  on a call to 'setConferenceEnable''

3rd Level Text = ''

13062 PERERR_GW_E_THREADCONSULTANATIONCALL_INVALID_CONSULT_TYPE

1st Level Text = 'JTAPI Gateway - Error on CONSULT operation - Invalid
  Consult type '

2nd Level Text = 'The type specified is not TRANSFER or CONFERENCE'

3rd Level Text = ''

13063 PERERR_GW_E_THREADCONSULTANCY_NO_ACTIVE_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on CONSULT operation - No Active
  Connection'

2nd Level Text = 'The ACTIVE connection specified in the request does not exist'

3rd Level Text = ''

13064 PERERR_GW_E_THREADESCAPE ERVICE_CREATECALL_NULL_CALL1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation '

2nd Level Text = 'Got a NULL call returned from 'createCall'(method 'CreateNewCall' in class ThreadEscapeService)'

3rd Level Text = ''

13065 PERERR_GW_E_THREADESCAPE ERVICE_CREATECALL_NULL_CALL2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got a NULL call returned from 'createCall'(method 'CreateConsultCall' in class ThreadEscapeService)'

3rd Level Text = ''

13066 PERERR_GW_E_THREADESCAPE ERVICE_CREATECALL_NULL_CALL3

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got a NULL call returned from 'createCall'(method 'CreateBlindConferenceCall' in class ThreadEscapeService)'

3rd Level Text = ''

13067 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_CONFERENCE

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'conference'(method 'CreateBlindConferenceCall' in class ThreadEscapeService)'

3rd Level Text = ''

13068 PERER_GW_E_THREADESCAPE 서비스_EXCEPTION_CONNECT

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'connect'(method 'CreateNewCall' in class ThreadEscapeService)'

3rd Level Text = ''

13069 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_CONSULT1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'consult'(method 'CreateConsultCall' in class ThreadEscapeService)'

3rd Level Text = ''

13070 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_CONSULT2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'consult'(method 'CreateBlindConferenceCall' in class ThreadEscapeService)'

3rd Level Text = ''

13071 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_CREATEALL1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'createCall'(method 'CreateNewCall' in class ThreadEscapeService)'

3rd Level Text = ''

13072 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_CREATEALL2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'createCall'(method 'CreateConsultCall' in class ThreadEscapeService)'

3rd Level Text = ''

13073 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_CREATEALL3

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'createCall'(method 'CreateBlindConferenceCall' in class ThreadEscapeService)'

3rd Level Text = ''

13074 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_GETADDRESS

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'getAddress'(method 'CreateNewCall' in class ThreadEscapeService)'

3rd Level Text = ''

13075 PERERR_GW_E_THREADESCAPE 서비스_EXCEPTION_GETTERMINALS

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'getTerminals'(method 'CreateNewCall' in class ThreadEscapeService)'

3rd Level Text = ''

13076 PERERR_GW_E_THREADESCAPE ERVICE_EXCEPTION_SETCONFERENCECENABLE1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'setConferenceEnable'(method 'CreateConsultCall' in class ThreadEscapeService)'

3rd Level Text = ''

13077 PERERR_GW_E_THREADESCAPE ERVICE_EXCEPTION_SETCONFERENCECENABLE2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got an exception on a call to 'setConferenceEnable'(method 'CreateBlindConference' in class ThreadEscapeService)'

3rd Level Text = ''

13078 PERER_GW_E_THREADESCAPE 서비스_INVALID_EMERGENCY_ALERT_TYPE

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation - Invalid Alert Type'

2nd Level Text = 'The Alert type specified was not CONSULT or BLIND_CONFERENCE'

3rd Level Text = ''

13079 PERERR_GW_E_THREADESCAPE 서비스_INVALID_SUPERVISOR_ASSIST_TYPE

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation - Invalid Alert Type'

2nd Level Text = 'The Alert type specified was not CONSULT or BLIND_CONFERENCE'

3rd Level Text = ''

13080 PERER_GW_E_THREADESCAPE 서비스_NO_TERMINAL_LIST

1st Level Text = 'JTAPI Gateway - Error on SUPERVISOR (escape) operation'

2nd Level Text = 'Got a NULL terminal list from 'getTerminals'(method 'CreateNewCall' in class ThreadEscapeService)'

3rd Level Text = ''

13081 PERER_GW_E_THREADHOLDCALL_CALL_NOT_CONTROLLED

1st Level Text = 'JTAPI Gateway - Error on HOLD operation - Uncontrolled Call'

2nd Level Text = 'The call specified is not a controlled call'

3rd Level Text = ''

13082 PERER_GW_E_THREADHOLDCALL_EXCEPTION_HOLD

1st Level Text = 'JTAPI Gateway - Error on HOLD operation - Exception'

2nd Level Text = 'Got an exception on a call to 'hold'(method 'run' in class ThreadHoldCall)'

3rd Level Text = ''

13083 PERERR_GW_E_THREADMAKECALL_CREATECALL_NULL_CALL

1st Level Text = 'JTAPI Gateway - Error on MAKE CALL operation - Can't create
  call'

2nd Level Text = 'Got a NULL call returned from 'createCall'(method 'run' in class
  ThreadMakeCall)'

3rd Level Text = ''

13084 PERER_GW_E_THREADMAKECALL_CREATE_CALL_FAILURE

1st Level Text = 'JTAPI Gateway - Error on MAKE CALL operation - Can't create
  call'

2nd Level Text = 'Got an exception on a call to 'createCall'(method 'run' in class
  ThreadMakeCall)'

3rd Level Text = ''

13085 PERER_GW_E_THREADMAKECALL_GENERIC_CM_ERROR

1st Level Text = 'JTAPI Gateway - Error on MAKE CALL operation - Exception'

2nd Level Text = 'Got an exception on a call to 'connect'(method 'run' in class
  ThreadMakeCall)'

3rd Level Text = ''

13086 PERER_GW_E_THREADMAKECALL_NULL_TERMINAL_LIST

1st Level Text = 'JTAPI Gateway - Error on MAKE CALL operation'

2nd Level Text = 'Got a NULL terminal list returned from 'getTerminals'(method 'run'
  in class ThreadMakeCall)'

3rd Level Text = ''

13087 PERERR_GW_E_THREADMAKECALL_PROVIDER_GETADDRESS

1st Level Text = 'JTAPI Gateway - Error on MAKE CALL operation'

2nd Level Text = 'Got an exception on a call to 'getAddress'(method 'run' in class
  ThreadMakeCall)'

3rd Level Text = ''

13088 PERERR_GW_E_THREADMAKECALL_PROVIDER_GETTERMINAL

1st Level Text = 'JTAPI Gateway - Error on MAKE CALL operation'

2nd Level Text = 'Got an exception on a call to 'getTerminals'(method 'run' in class
  ThreadMakeCall)'

3rd Level Text = ''

13089 PERER_GW_E_THREADREDIRECTCALL_EXCEPTION_REDIRECT

1st Level Text = 'JTAPI Gateway - Error on REDIRECT operation - Exception'

2nd Level Text = 'Got an exception on a call to 'redirect'(method 'run' in class

```
    ThreadRedirectCall )'
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3rd Level Text = ''

13090 PERER_GW_E_THREADRETRIEVECALL_CALL_NOT_CONTROLLED

1st Level Text = 'JTAPI Gateway - Error on RETRIEVE operation - Uncontrolled Call'

2nd Level Text = 'The call specified is not a controlled call'

3rd Level Text = ''

13091 PERER_GW_E_THREADRETRIEVECALL_EXCEPTION_UNHOLD

1st Level Text = 'JTAPI Gateway - Error on RETRIEVE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'unhold'(method 'run' in class
    ThreadRetrieveCall)'

3rd Level Text = ''

13092 PERER_GW_E_THREADSENDDTMF_EXCEPTION_GENERATEDTMF

1st Level Text = 'JTAPI Gateway - Error on SEND DTMF operation - Exception'

2nd Level Text = 'Got an exception on a call to 'generateDTMF'(method 'run' in class
    ThreadSendDTMF)'

3rd Level Text = ''

13093 PERER_GW_E_THREADSENDDTMF_INVALID_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on SEND DTMF operation - Invalid
    Connection ID'

2nd Level Text = 'The method 'run' in class ThreadSendDTMF got a null connection
    from a call to 'findTerminalConnection''

3rd Level Text = ''

13094 PERERR_GW_E_THREADSENDDTMF_NOT_MEDIATEMINALCONNECTION

1st Level Text = 'JTAPI Gateway - Error on SEND DTMF operation - No Media
    Termination'

2nd Level Text = ''

3rd Level Text = ''

13095 PERERR_GW_E_THREADSUPERVISECALL_ACTIVE_CONN_NOT_TALKING

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - ACTIVE
    connection not in proper state'

2nd Level Text = 'The connection specified in the active connection is not in the
    TALKING state'

3rd Level Text = ''

13096 PERERR_GW_E_THREADSUPERVISECALL_ALREADY_BARGED_IN

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Cannot
  Barge in, already barged into'

2nd Level Text = 'The call specified on the barge in request has already been barged into'

3rd Level Text = ''

13097 PERER_GW_E_THREADSUPERVISECALL_CREATEALL_NULL_CALL

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Can't
  create call'

2nd Level Text = 'The routine run in object ThreadSuperviseCall got a null call
  returned from 'createcall'.'

3rd Level Text = ''

13098 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_ANSWER1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'answer'(method 'DirectSupervisorBargeIn'
  in class ThreadSuperviseCall)'

3rd Level Text = ''

13099 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_ANSWER2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'answer'(method 'BargeInBlindConferenceCall'
  in class ThreadSuperviseCall)'

3rd Level Text = ''

13100 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_CONFERENCE1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'conference'(method 'SupervisorBargeInCall'
  in class ThreadSuperviseCall)'

3rd Level Text = ''

13101 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_CONFERENCE2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'conference'(method 'DirectSupervisorBargeIn'
  in class ThreadSuperviseCall)'

3rd Level Text = ''

13102 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_CONSULT

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'conference'(method 'DirectSupervisorBargeIn'
  in class ThreadSuperviseCall)'

3rd Level Text = ''
13103 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_CREATEALL

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'createCall'(method 'DirectSupervisorBargeIn'
  in class ThreadSuperviseCall)'

3rd Level Text = ''
13104 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_DISCONNECT1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'disconnect'(method 'DropSupervisorCall'
  in class ThreadSuperviseCall)'

3rd Level Text = ''
13105 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_DISCONNECT2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'disconnect'(method 'InterceptCall'
  in class ThreadSuperviseCall)'

3rd Level Text = ''
13106 PERER_GW_E_THREADSUPERVISECALL_EXCEPTION_SETCONFERENCEenable

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'disconnect'(method
  'DirectSupervisorBargeIn' in class ThreadSuperviseCall)'

3rd Level Text = ''
13107 PERERR_GW_E_THREADSUPERVISECALL_HELD_CONN_NOT_HELD1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - HELD
  connection is not HELD'

2nd Level Text = 'The connection specified for the HELD call is not in the held
  state (method 'BargInCall' class ThreadSuperviseCall)'

3rd Level Text = ''
13108 PERERR_GW_E_THREADSUPERVISECALL_HELD_CONN_NOT_HELD2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - HELD
  connection is not HELD'

2nd Level Text = 'The connection specified for the HELD call is not in the held
  state (method 'DirectSupervisorBargeIn' class ThreadSuperviseCall)'

3rd Level Text = ''

13109 PERER_GW_E_THREADSUPERVISECALL_INVALID_ACTION

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Invalid
   action. The action specified was not CLEAR, BARGE_IN or INTERCEPT'

2nd Level Text = ''

3rd Level Text = ''

13110 PERER_GW_E_THREADSUPERVISECALL_INVALID_ACTIVE_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - No ACTIVE
   connection'

2nd Level Text = 'The connection specified in the active connection doesn't exist'

3rd Level Text = ''

13111 PERERR_GW_E_THREADSUPERVISECALL_INVALID_AGENT_CALYD1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Bad Call ID'

2nd Level Text = 'The call id in the agent object is invalid (method 'BargeInCall'
   class ThreadSuperviseCall)'

3rd Level Text = ''

13112 PERER_GW_E_THREADSUPERVISECALL_INVALID_AGENT_CALLED2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Bad Call ID'

2nd Level Text = 'The call id in the agent object is invalid (method 'DirectSupervisorBargeIn'
   class ThreadSuperviseCall)'

3rd Level Text = ''

13113 PERER_GW_E_THREADSUPERVISECALL_INVALID_AGENT_CONNECTION1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Bad Connection ID'

2nd Level Text = 'The connection id in the agent object is invalid (method 'BargeInCall'
   class ThreadSuperviseCall)'

3rd Level Text = ''

13114 PERER_GW_E_THREADSUPERVISECALL_INVALID_AGENT_CONNECTION2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Bad
   Connection ID'

2nd Level Text = 'The connection id in the agent object is invalid (method
   'InterceptCall' class ThreadSuperviseCall)'

3rd Level Text = ''

13115 PERER_GW_E_THREADSUPERVISECALL_INVALID_HELD_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Invalid
  HELD connection'

2nd Level Text = 'The connection id in the agent object is invalid (method
  'BargeInCall' class ThreadSuperviseCall)'

3rd Level Text = ''

13116 PERER_GW_E_THREADSUPERVISECALL_INVALID_SUPERVISOR_CONNECTION1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Invalid
  Supervisor connection'

2nd Level Text = 'The connection id in the agent object is invalid (method
  'DropSupervisorCall' class ThreadSuperviseCall)'

3rd Level Text = ''

13117 PERER_GW_E_THREADSUPERVISECALL_INVALID_SUPERVISOR_CONNECTION2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Invalid
  Supervisor connection'

2nd Level Text = 'The connection id in the agent object is invalid (method 'BargeInCall'
  class ThreadSuperviseCall)'

3rd Level Text = ''

13118 PERER_GW_E_THREADSUPERVISECALL_INVALID_SUPERVISOR_CONNECTION3

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Invalid
  Supervisor connection'

2nd Level Text = 'The connection id in the agent object is invalid (method
  'DirectSupervisorBargeIn' class ThreadSuperviseCall)'

3rd Level Text = ''

13119 PERER_GW_E_THREADSUPERVISECALL_INVALID_SUPERVISOR_CONNECTION4

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Invalid
  Supervisor connection'

2nd Level Text = 'The connection id in the agent object is invalid (method
  'BargeInBlindTransferCall' class ThreadSuperviseCall)'

3rd Level Text = ''

13120 PERER_GW_E_THREADSUPERVISOR_SUPERVISOR_NOT_TALKING

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Supervisor
  Connection not TALKING'

2nd Level Text = 'The supervisor's connection is not in the talking state (method
  'DirectSupervisorBargeIn' class ThreadSuperviseCall)'

3rd Level Text = ''

13121 PERERR_GW_E_THREADTRANSFERCALL_ACTIVE_CONN_NOT_TALKING

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Connection
  not TALKING'

2nd Level Text = 'The connection is not in the talking state (method 'BargeInCall'
  class ThreadSuperviseCall)'

3rd Level Text = ''

13122
PERERR_GW_E_THREADTRANSFERCALL_EXCEPTION_SETTRANSFERCONTROLLER

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'method 'run' in class ThreadTransferCall Got an exception on a call
  to 'setTransferController''

3rd Level Text = ''

13123 PERERR_GW_E_THREADTRANSFERCALL_EXCEPTION_TRANSFER1

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'method 'run' in class ThreadTransferCall Got an exception on a call
  to 'transfer' with the HELD call specified'

3rd Level Text = ''

13124 PERERR_GW_E_THREADTRANSFERCALL_EXCEPTION_TRANSFER2

1st Level Text = 'JTAPI Gateway - Error on SUPERVISE operation - Exception'

2nd Level Text = 'Got an exception on a call to 'transfer' with the ACTIVE call specified'

3rd Level Text = '(method 'run' in class ThreadTransferCall)'

13125 PERERR_GW_E_THREADTRANSFERCALL_HELD_CONN_NOT_HELD

1st Level Text = 'JTAPI Gateway - Error on TRANSFER operation HELD
  connection not HELD'

2nd Level Text = 'The connection passed for the held connection is not in the HELD state'

3rd Level Text = ''

13126 PERERR_GW_E_THREADTRANSFERCALL_INVALID_ACTIVE_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on TRANSFER operation - No ACTIVE
  connection'

2nd Level Text = 'The connection specified in the active connection doesn't exist'

3rd Level Text = ''

13127 PERERR_GW_E_THREADTRANSFERCALL_INVALID_HELD_CONNECTION

1st Level Text = 'JTAPI Gateway - Error on TRANSFER operation Invalid
  HELD connection'

2nd Level Text = 'The connection id in the agent object is invalid'

3rd Level Text = ''

20000 PERERR_CM_미지정

1st Level Text = 'An unspecifiedCall Manager - error occurred on the operation'

2nd Level Text = ''

3rd Level Text = ''

20001 PERERR_CM_TIMEOUT

1st Level Text = 'A time-out CallManager - occurred on the operation'

2nd Level Text = 'An operation exceeded the time limit that was configured/allocated
  for that operation'

3rd Level Text = ''

20002 PERERR_CM_NO_ACTIVE_DEVICE_FOR_THIRDPARTY

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20003 PERERR_CM_EXISTING_FIRSTPARTY

1st Level Text = 'CallManager - Line was specified that was not found
  on the device'

2nd Level Text = ''

3rd Level Text = ''

20004 PERERR_CM_ILLEGAL_HANDLE

1st Level Text = 'CallManager - Handle is unknown to the system.'

2nd Level Text = ''

3rd Level Text = ''

20005 PERERR_CM_UNDEFINED_LINE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20006 PERERR_CM_ILLEGAL_CALLINGPARTY

1st Level Text = 'CallManager - Attempt to originate call using a calling
  party that is not on the device.'

2nd Level Text = ''

3rd Level Text = ''

20007 PERERR_CM_CALL_ALREADY_EXISTS

1st Level Text = 'CallManager - Another call already exists on the line'

2nd Level Text = ''

3rd Level Text = ''

20008 PERERR_CM_LINECONTROL_FAILURE

1st Level Text = 'CallManager - Line control refuses to let a new call
  because of it's state (probably bug)'

2nd Level Text = ''

3rd Level Text = ''

20009 PERERR_CM_ILLEGAL_CALLSTATE

1st Level Text = 'CallManager - Line is not in a legal state to invoke the
  command'

2nd Level Text = ''

3rd Level Text = ''

20010 PERERR_CM_CALLHANDLE_NOTEINCOMINGCALL - CallManager

1st Level Text = 'Attempt to answer a call that either does not exist or is
  not in the correct state'

2nd Level Text = ''

3rd Level Text = ''

20011 PERER_CM_TRANSFERFAILED_DESTINATION_UNALLOCATED

1st Level Text = 'CallManager - Attempt to transfer to a directory number
  that is not registered'

2nd Level Text = ''

3rd Level Text = ''

20013 PERER_CM_TRANSFERFAILED_DESTINATION_BUSY

1st Level Text = 'CallManager - Attempt to transfer to a busy destination'

2nd Level Text = ''

3rd Level Text = ''

20014 PERERR_CM_TRANSFERFAILED

1st Level Text = 'CallManager - Transfer failed'

2nd Level Text = '(probable cause is one of the call legs was hung up or disconnected
  from the far end)'

3rd Level Text = ''

20015 PERERR_CM_HOLDFAILED

1st Level Text = 'CallManager - Hold was rejected by line control or call
  control'

2nd Level Text = ''

3rd Level Text = ''

20017 PERERR_CM_RETRIEFAILED

1st Level Text = 'CallManager - Retrieve was rejected by line control or
  call control'

2nd Level Text = ''

3rd Level Text = ''

20018 PERERR_CM_DB_NO_MORE_DEVICES

1st Level Text = 'CallManager - Error No longer used'

2nd Level Text = ''

3rd Level Text = ''

20020 PERERR_CM_DB_ILLEGAL_DEVICE_TYPE

1st Level Text = 'CallManager - Error No longer used'

2nd Level Text = ''

3rd Level Text = ''

20021 PERERR_CM_DB_ERROR

1st Level Text = 'CallManager - Device query contained an illegal device type'

2nd Level Text = ''

3rd Level Text = ''

20022 PERERR_CM_CANNOT_TERMINATE_MEDIA_ON_PHONE

1st Level Text = 'CallManager - Media cannot be terminated by an application
  when the device has a physical phone (the phone always terminates the media)'

2nd Level Text = ''

3rd Level Text = ''

20025 PERERR_CM_UNKNOWN_GLOBAL_CALL_HANDLE

1st Level Text = 'CallManager - Error no longer used'

2nd Level Text = ''

3rd Level Text = ''

20026 PERERR_CM_DEVICE_NOT_OPEN

1st Level Text = 'CallManager - Command issued on a line that must be open'

2nd Level Text = ''

3rd Level Text = ''

20027 PERERR_CM_ASSOCIATED_LINE_NOT_OPEN

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20028 PERERR_CM_SSAPI_NOT_REGISTERED

1st Level Text = 'CallManager - Redirect command was issued when the
  internal supporting interface was not initialized'

2nd Level Text = ''

3rd Level Text = ''

20029 PERERR_CM_REDIRECT_CALL_DOES_NOT_EXIST

1st Level Text = 'CallManager - Attempt to redirect a call that does not
  exist or is no longer active'

2nd Level Text = ''

3rd Level Text = ''

20048 PERERR_CM_REDIRECT_CALLINFO_ERR

1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''

20049 PERERR_CM_REDIRECT_ERR

1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''

20050 PERERR_CM_REDIRECT_CALL_TABLE_FULL

1st Level Text = 'CallManager - Internal error returned from call control'

```
2nd Level Text = ''

3rd Level Text = ''
```
20051 PERERR_CM_REDIRECT_CALL_PROTOCOL_ERROR

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20052 PERERR_CM_REDIRECT_CALL_UNKNOWN_DESTINATION

```
1st Level Text = 'CallManager - Attempt to redirect to an unknown destination'

2nd Level Text = ''

3rd Level Text = ''
```
20053 PERERR_CM_REDIRECT_CALL_DIGIT_ANALYSIS_TIMEOUT

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20054 PERERR_CM_REDIRECT_CALL_MEDIA_CONNECTION_FAILED

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20055 PERER_CM_REDIRECT_CALL_PARTY_TABLE_FULL

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20056 PERERR_CM_REDIRECT_CALL_ORIGINATOR_ABANDONED

```
1st Level Text = 'CallManager - Far end hung up on the call being redirected'

2nd Level Text = ''

3rd Level Text = ''
```
20057 PERERR_CM_REDIRECT_CALL_UNKNOWN_PARTY

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''
```

```
3rd Level Text = ''
```
20058 PERERR_CM_REDIRECT_CALL_INCOMPATIBLE_STATE

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20059 PERER_CM_REDIRECT_CALL_PENDING_REDIRECT_TRANSACTION

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20060 PERERR_CM_REDIRECT_CALL_UNKNOWN_ERROR

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20061 PERERR_CM_REDIRECT_CALL_NORMAL_CLEARING

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20062 PERERR_CM_REDIRECT_CALL_UNCOGNIZED_MANAGER

```
1st Level Text = 'CallManager - Internal error returned from call control'

2nd Level Text = ''

3rd Level Text = ''
```
20063 PERERR_CM_REDIRECT_CALL_DESTINATION_BUSY

```
1st Level Text = 'CallManager - Redirect destination is busy'

2nd Level Text = ''

3rd Level Text = ''
```
20064 PERERR_CM_REDIRECT_CALL_DESTINATION_OUT_OF_ORDER

```
1st Level Text = 'CallManager - Redirect destination is out of order'

2nd Level Text = ''

3rd Level Text = ''
```
20065 PERERR_CM_CANNOT_OPEN_DEVICE

1st Level Text = 'CallManager - Device open failed because the associated device is shutting down (unregistering)'

2nd Level Text = ''

3rd Level Text = ''

20066 PERERR_CM_TRANSFERFAILED_OUTSTANDING_TRANSFER

1st Level Text = 'CallManager - Existing transfer still in progress'

2nd Level Text = ''

3rd Level Text = ''

20067 PERER_CM_TRANSFERFAILED_CALLCONTROL_TIMEOUT

1st Level Text = 'CallManager - Expected response from call control not received during a transfer'

2nd Level Text = ''

3rd Level Text = ''

20068 PERERR_CM_CALLHANDLE_UNKNOWN_TO_LINECONTROL

1st Level Text = 'CallManager - Attempt to redirect call that was unknown to line control'

2nd Level Text = ''

3rd Level Text = ''

20069 PERERR_CM_OPERATION_NOT_AVAILABLE_IN_CURRENT_STATE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20070 PERERR_CM_CONFERENCE_FULL

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20071 PERERR_CM_MAX_NUMBER_OF_CTI_CONNECTIONS_REACHED

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20080 PERERR_CM_INCOMPATIBLE_PROTOCOL_VERSION

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20081 PERERR_CM_UNIDENTIFABLE_PDU

1st Level Text = 'CallManager - QBE protocol error (bug)'

2nd Level Text = ''

3rd Level Text = ''

20082 PERERR_CM_ILLEGAL_MESSAGE_FORMAT

1st Level Text = 'CallManager - QBE protocol error (bug)'

2nd Level Text = ''

3rd Level Text = ''

20094 PERERR_CM_DIRECTORY_TEMPORARY_UNAVAILABLE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20095 PERER_CM_DIRECTORY_LOGIN_NOT_ALLOWED

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20096 PERERR_CM_DIRECTORY_LOGIN_FAILED

1st Level Text = 'CallManager - Login to the directory server failed
  when opening the provider'

2nd Level Text = ''

3rd Level Text = ''

20097 PERER_CM_PROVIDER_NOT_OPEN

1st Level Text = 'CallManager - Attempt to issue a CTI command before the
  provider was open'

2nd Level Text = ''

3rd Level Text = ''

20098 PERERR_CM_PROVIDER_ALREADY_OPEN

```
1st Level Text = 'CallManager - Attempt to reopen a provider'

2nd Level Text = ''

3rd Level Text = ''
```
20099 PERERR_CM_NOT_INITIALIZED

```
1st Level Text = 'CallManager - Attempt to open a provider before CTI
  initialization completes'

2nd Level Text = ''

3rd Level Text = ''
```
20100 PERERR_CM_CLUSTER_LINK_FAILURE

```
1st Level Text = 'CallManager - Link failed to one of the call managers in
  the cluster (network error)'

2nd Level Text = ''

3rd Level Text = ''
```
20101 PERER_CM_LINE_INFO_DOES_NOT_EXIST

```
1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''
```
20102 PERERR_CM_DIGIT_GENERATION_ALREADY_IN_PROGRESS

```
1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''
```
20103 PERERR_CM_DIGIT_GENERATION_WRONG_CALL_HANDLE

```
1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''
```
20104 PERERR_CM_DIGIT_GENERATION_WRONG_CALL_STATE

```
1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''
```
20105 PERERR_CM_DIGIT_GENERATION_CALLSTATE_CHANGED

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20112 PERERR_CM_RETRIEFAILED_ACTIVE_CALL_ON_LINE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20113 PERERR_CM_INVALID_LINE_HANDLE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20114 PERER_CM_LINE_NOT_PRIMARY

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20115 PERERR_CM_CFWDALL_ALREADY_SET

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20116 PERERR_CM_CFWDALL_DESTN_INVALID

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20117 PERERR_CM_CFWDALL_ALREADY_OFF

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20119 PERERR_CM_DEVICE_OUT_OF_SERVICE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20120 PERERR_CM_MSGWAITING_DESTN_INVALID

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20121 PERERR_CM_DARES_INVALID_REQ_TYPE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20122 PERERR_CM_CONFERENCE_FAILED

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20123 PERERR_CM_CONFERENCE_INVALID_PARTICIPANT

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20124 PERERR_CM_CONFERENCE_ALREADY_PRESENT

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20125 PERERR_CM_CONFERENCE_INACTIVE

1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''

20126 PERERR_CM_TRANSFER_INACTIVE

1st Level Text = 'CallManager - Undescribed Error'

```
2nd Level Text = ''

3rd Level Text = ''
```
20153 PERERR_CM_COMMAND_NOT_IMPLEMENTED_ON_DEVICE

```
1st Level Text = 'CallManager - Device does not support the command'

2nd Level Text = 'Undescribed Error'

3rd Level Text = ''
```
20512 PERERR_CM_PROVIDER_CLOSED

```
1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''
```
20513 PERERR_CM_PROTOCOL_TIMEOUT

```
1st Level Text = 'CallManager - Undescribed Error'

2nd Level Text = ''

3rd Level Text = ''
```
24095 PERERR_CM_GENERAL

```
1st Level Text = 'CallManager - Unknown CallManager Failure on Operation'

2nd Level Text = 'An error response was received for a request issued to the call
  manager, but no error code could be extracted. This will ALWAYS be the case in
  the Encore Release. Please refer to the JTAPI log for more information'

3rd Level Text = ''
```
추적 비트 정보

PIM은 procmon 명령을 통해 다양한 추적 레벨을 **지원합니다**.이 차트에는 PIM에서 지원하는 모든 추적 비트 및 해당 키워드가 나열됩니다.이러한 토글은 즉시 적용되며 꺼질 때까지 유효합니다.이러한 설정은 비휘발성이며 재부팅 및 재시작 시 유지됩니다.

참고: 이 차트에는 PIM별 플래그만 나열되며 모든 PIM에 해당 표준이 포함되지 않습니다.

Procmon 키워드 전환	설명
사전 통화	사전 통화 표시, 취소 등에 대한 모든 정보를 추적합니다.경로 선택 및 경로 종료 메시지도 추적합니다.
통화_일치_타이밍	디바이스에서 통화를 제공할 때 대기하는 시간(초)을 포함하는 모든 정보를 추적합니다.
periph_agent_mess	에이전트 상태 전환을 추적합니다.

ages	
포크레스트	모든 OPC(Open Peripheral Controller)Request 테이블 조작을 추적합니다.이는 라우팅 요청 및 기타 경우에 사용됩니다.
잠금_opcrequest	OPCRequest 테이블의 잠금 및 잠금 해제를 추적합니다.
jtapi_gw_session	JTAPI 게이트웨이에 의한 연결 시도를 추적합니다.
jtapi_gw_heartbeat	게이트웨이 프로세스에서 JTAPI 클라이언트에서 보내고 받은 하트비트 메시지를 표시합니다.
jtapi_call_event	게이트웨이에서 JTAPI 클라이언트에서 받은 통화 이벤트 메시지를 추적합니다.
jtapi_opc_heartbeat	JTAPI 클라이언트에서 OPC로의 메시지 추적
jtapi_dialed_number_registration	주변 장치 모니터 및 DN(디렉터리 번호) 콜백 등록과 관련된 메시지를 추적합니다.
lock_jtapi_application	특정 JTAPI 클라이언트(호출 잠금)에 의한 애플리케이션 레이어 잠금을 추적합니다.
lock_jtapi_layer	JTAPI 레이어 잠금을 추적합니다.
jtapi_op_error	JTAPI 클라이언트에서 발생하는 운영 오류를 추적합니다.
teld_agent-state	텔레포니 드라이버 레이어의 에이전트 상태 메시지 및 전환을 추적합니다.
lock_teldrive_layer	텔레포니 드라이버 레이어의 잠금 및 잠금 해제를 추적합니다.
lock_teldrive_instance	텔레포니 드라이버 인스턴스의 잠금 및 잠금 해제를 추적합니다.
teld_config_error	텔레포니 드라이버 레이어의 구성 오류를 추적합니다.
teld_op_error	텔레포니 드라이버 계층에서 발생하는 운영 오류를 추적합니다.
teld_universal_failure	전화 통신 드라이버 계층에서 발생하는 범용 오류 오류 및 주변 장치 오류 코드(텍스트도)를 추적합니다.
teld_universal_failure_seclvl	추적 범용 오류가 있는 경우 주변 장치 오류 코드와 연결된 두 번째 및 세 번째 수준 텍스트를 추적합니다.

관련 정보

- [기술 지원 및 문서 – Cisco Systems](#)