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## 简介

本文为Cisco CallManager外围网关(PG)提供生成的周边错误代码。您能使用这些错误消息排除故障在互联网协议联系中心(IPCC)环境的问题。检查命令行实用工具允许您查看所有已知Cisco CallManager PG错误代码。此工具是CallManager PG的一部分在Cisco Intelligent Contact Management (ICM)版本4.6.1和以上的。工具详细捕获最初，第二和三级trace消息并且指示哪些进程生成错误：

- 外围设备接口管理器 (PIM)
- Java电话应用可编程接口(JTAPI)网关
- Cisco CallManager

关于软电话的符号周边错误消息报告。与错误消息的简要描述显示与进程生成错误和事件生成的征兆一起。此表显示示例：

错误	指示...。
PERERR_TELDRIVE	电话驱动器层生成错误。
PERERR_JTCLIENT	JTAPI Client生成错误。
PERERR_JTAPPLAY	JTAPI应用层生成错误。
PERERR_GW_E	JTAPI网关生成错误。
PERERR_CM	Cisco CallManager生成错误。

## 先决条件

### 要求

Cisco 建议您了解以下主题：

- 排除故障并且支持Cisco ICM PG

### 使用的组件

本文档中的信息基于以下软件和硬件版本：

- Cisco ICM版本4.6.2及以上版本

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原

始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

## 规则

有关文档规则的详细信息，请参阅 [Cisco 技术提示规则](#)。

## 错误代码

**注意：** 其中一些值显示两条线路由于空间限制。

-1 PERERR\_UNKNOWN

-1 PERERR\_UNKNOWN

10001 PERERR\_TELDRIVE\_LOCKTPSERVICES

10002 PERERR\_TELDRIVE\_LOCKINSTANCE

10003 PERERR\_TELDRIVE\_LOCKTELDRIVELAYER

10004 PERERR\_TELDRIVE\_NOINSTRUMENTFOREXTENSION

10101 PERERR\_TELDRIVE\_AGENTALREADYLOGGEDOUT

10102 PERERR\_TELDRIVE\_AGENTALREADYSignedON

10103 PERERR\_TELDRIVE\_AGENTAVAILORWORK

10104 PERERR\_TELDRIVE\_AGENTCANTGOUNAVAILABLE

10105 PERERR\_TELDRIVE\_AGENTNOTINATEAM

10106 PERERR\_TELDRIVE\_AGENTRESERVED

10107 PERERR\_TELDRIVE\_AGENTTEAMNOTFOUND

10108 PERERR\_TELDRIVE\_BADSTATETRANSITION

10109 PERERR\_TELDRIVE\_CALLTYPENOTVALIDFORDIALPLAN

10110 PERERR\_TELDRIVE\_CANNOTENTERWRAPWITHNOCAL

10111 PERERR\_TELDRIVE\_CANTGOREADYFROMCURRENTSTATE

10112 PERERR\_TELDRIVE\_CANTLOGOUTFROMCURRENTSTATE

10113 PERERR\_TELDRIVE\_CLIENTCONFIGUREFAILED

10114 PERERR\_TELDRIVE\_CLIENTFAILURECALLBACK

10115 PERERR\_TELDRIVE\_CREATEINSTANCEFAILED

10116 PERERR\_TELDRIVE\_DEVICEINUSE  
10117 PERERR\_TELDRIVE\_ILLEGALDIALSTRING  
10118 PERERR\_TELDRIVE\_INSTRUMENTNOTONPERIPHERAL  
10119 PERERR\_TELDRIVE\_INVALIDLOGINDEVICEIPADDRESS  
10120 PERERR\_TELDRIVE\_INVALIDPASSWORD  
10121 PERERR\_TELDRIVE\_LOGOUTPENDING  
10122 PERERR\_TELDRIVE\_LOGOUTREASONREQUIRED  
10123 PERERR\_TELDRIVE\_NOAGENTFORSKILLTARGET  
10124 PERERR\_TELDRIVE\_NODESKSETTINGS  
10125 PERERR\_TELDRIVE\_NODEVICETARGETFORNETTARGETID  
10126 PERERR\_TELDRIVE\_NODIALEDNUMBERFORID\_AT  
10127 PERERR\_TELDRIVE\_NODIALEDNUMBERFORID\_DNP  
10128 PERERR\_TELDRIVE\_NOSKILLGROUPS  
10129 PERERR\_TELDRIVE\_NOTAGENTSDEVICE  
10130 PERERR\_TELDRIVE\_REASONCODEREQUIREDFORLOGOUT  
10131 PERERR\_TELDRIVE\_REASONCODEREQUIREDFORNOTREADY  
10132 PERERR\_TELDRIVE\_UNKNOWNDEVICE  
10133 PERERR\_TELDRIVE\_UNAVAILBLEREQUESTPENDING  
10134 PERERR\_TELDRIVE\_UNKNOWNACTIVEDEVICE  
10135 PERERR\_TELDRIVE\_UNKNOWNAGENTID  
10136 PERERR\_TELDRIVE\_UNKNOWNCALLINGDEVICE  
10138 PERERR\_TELDRIVE\_UNKNOWNHELDDEVICE  
10139 PERERR\_TELDRIVE\_UNKNOWNINSTANCE  
10140 PERERR\_TELDRIVE\_UNKNOWNSUPERVISORDEVICE  
10141 PERERR\_TELDRIVE\_WRAPUPDATA\_REQUIRED  
10142 PERERR\_TELDRIVE\_WRAPUPNOTALLOWED  
11001 PERERR\_JTCLIENT\_NOJTAPIAPPPROTO

11002 PERERR\_JTCLIENT\_ERRORSENDINGTOGW  
11003 PERERR\_JTCLIENT\_UNKNOWNCALLID  
11004 PERERR\_JTCLIENT\_NODEVICETARGETFORNETTARGETID  
11005 PERERR\_JTCLIENT\_NOAGENTFORSKILLTARGETID  
11006 PERERR\_JTCLIENT\_UNKNOWNINSTRUMENT  
12001 PERERR\_JTAPPLAY\_ERRORSENDINGTOGW  
12002 PERERR\_JTAPPLAY\_REQUESTNOTFOUND  
12003 PERERR\_JTAPPLAY\_NOINVOCATIONDATA  
13000 PERERR\_GW\_E\_NO\_ERROR  
13001 PERERR\_GW\_E\_INVALID\_VERSION  
13002 PERERR\_GW\_E\_SESSION\_ALREADY\_ACTIVE  
13003 PERERR\_GW\_E\_VRU\_OFFLINE  
13004 PERERR\_GW\_E\_SESSION\_NOT\_ACTIVE  
13005 PERERR\_GW\_E\_INVALID\_DIALED\_NUMBER  
13006 PERERR\_GW\_E\_EVENTS\_NOT\_SUPPORTED  
13008 PERERR\_GW\_E\_ROUTING\_NOT\_SUPPORTED  
13009 PERERR\_GW\_E\_TIME\_SYNCH\_NOT\_SUPPORTED  
13010 PERERR\_GW\_E\_TIMEOUT  
13011 PERERR\_GW\_E\_PG\_OFFLINE  
13012 PERERR\_GW\_E\_REQUEST\_REFUSED  
13013 PERERR\_GW\_E\_ROUTING\_NOT\_AVAILABLE  
13014 PERERR\_GW\_E\_ROUTE\_NOT\_ACCEPTED  
13015 PERERR\_GW\_E\_UNSPECIFIED\_FAILURE  
13016 PERERR\_GW\_E\_INVALID\_INVOKEID  
13017 PERERR\_GW\_E\_SERVICE\_CTRL\_NOT\_SUPPORTED  
13018 PERERR\_GW\_E\_NO\_SCRIPT  
13019 PERERR\_GW\_E\_CALL\_VARIABLE1

13020 PERERR\_GW\_E\_CALL\_VARIABLE2  
13021 PERERR\_GW\_E\_CALL\_VARIABLE3  
13022 PERERR\_GW\_E\_CALL\_VARIABLE4  
13023 PERERR\_GW\_E\_CALL\_VARIABLE5  
13024 PERERR\_GW\_E\_CALL\_VARIABLE6  
13025 PERERR\_GW\_E\_CALL\_VARIABLE7  
13026 PERERR\_GW\_E\_CALL\_VARIABLE8  
13027 PERERR\_GW\_E\_CALL\_VARIABLE9  
13028 PERERR\_GW\_E\_CALL\_VARIABLE10  
13029 PERERR\_GW\_E\_INVALID\_SCRIPT  
13030 PERERR\_GW\_E\_INVALID\_CALLID  
13032 PERERR\_GW\_E\_INVALID\_MESSAGE  
13034 PERERR\_GW\_E\_OPERATION\_CANCELED  
13035 PERERR\_GW\_E\_OPERATION\_NOT\_CANCELED  
13036 PERERR\_GW\_E\_JTAPIOBJ\_PERFORMANSWERCALL\_NO\_TERMINAL\_CONNECTION  
13037 PERERR\_GW\_E\_JTAPIOBJ\_PERFORMHOLDCALL\_NO\_TERMINAL\_CONNECTION  
13038 PERERR\_GW\_E\_JTAPIOBJ\_PERFORMREDIRECTCALL\_INVALID\_CONNECTION  
13039 PERERR\_GW\_E\_JTAPIOBJ\_PERFORMRETRIEVECALL\_NO\_TERMINAL\_CONNECTION  
13040 PERERR\_GW\_E\_THREADANSWERCALL\_ANSWER\_EXCEPTION  
13041 PERERR\_GW\_E\_THREADCLEARCALL\_CALL\_NOT\_CONTROLLED  
13042 PERERR\_GW\_E\_THREADCLEARCALL\_DROP\_EXCEPTION  
13043 PERERR\_GW\_E\_THREADCLEARCALL\_UNKNOWN\_CALLID  
13044 PERERR\_GW\_E\_THREADCLEARCONNECTION\_UNKNOWN\_CONNECTION  
13045 PERERR\_GW\_E\_THREADCONFERENCECALL\_ACTIVE\_CONN\_NOT\_TALKING  
13046 PERERR\_GW\_E\_THREADCONFERENCECALL\_BAD\_ACTIVE\_CONNECTION  
13047 PERERR\_GW\_E\_THREADCONFERENCECALL\_BAD\_HELD\_CONNECTION  
13048 PERERR\_GW\_E\_THREADCONFERENCECALL\_CREATECALL\_NULL\_CALL

13049 PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_ADDPARTY  
13050 PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_CONFERENCE\_NEW  
13051 PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_CONFERENCE\_HELD  
13052 PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_CONSULT  
13053 PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_CREATECALL  
13054  
PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_SETCONFERENCEENABLE  
13055  
PERERR\_GW\_E\_THREADCONFERENCECALL\_EXCEPTION\_SETTRANSFERCONTROLLER  
13056 PERERR\_GW\_E\_THREADCONFERENCECALL\_HELD\_CONN\_NOT\_HELD  
13057 PERERR\_GW\_E\_THREADCONFERENCECALL\_NULL\_DIALED\_NUMBER  
13058 PERERR\_GW\_E\_THREADCONSULTATIONCALL\_CREATECALL\_NULL\_CALL  
13059 PERERR\_GW\_E\_THREADCONSULTATIONCALL\_EXCEPTION\_CONSULT  
13060 PERERR\_GW\_E\_THREADCONSULTATIONCALL\_EXCEPTION\_CREATECALL  
13061  
PERERR\_GW\_E\_THREADCONSULTATIONCALL\_EXCEPTION\_SETCONFERENCEENABLE  
13062 PERERR\_GW\_E\_THREADCONSULTATIONCALL\_INVALID\_CONSULT\_TYPE  
13063 PERERR\_GW\_E\_THREADCONSULTATIONCALL\_NO\_ACTIVE\_CONNECTION  
13064 PERERR\_GW\_E\_THREADESCAPESERVICE\_CREATECALL\_NULL\_CALL1  
13065 PERERR\_GW\_E\_THREADESCAPESERVICE\_CREATECALL\_NULL\_CALL2  
13066 PERERR\_GW\_E\_THREADESCAPESERVICE\_CREATECALL\_NULL\_CALL3  
13067 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CONFERENCE  
13068 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CONNECT  
13069 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CONSULT1  
13070 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CONSULT2  
13071 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CREATECALL1  
13072 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CREATECALL2  
13073 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_CREATECALL3

13074 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_GETADDRESS  
13075 PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_GETTERMINALS  
13076  
PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_SETCONFERENCEENABLE1  
13077  
PERERR\_GW\_E\_THREADESCAPESERVICE\_EXCEPTION\_SETCONFERENCEENABLE2  
13078 PERERR\_GW\_E\_THREADESCAPESERVICE\_INVALID\_EMERGENCY\_ALERT\_TYPE  
13079 PERERR\_GW\_E\_THREADESCAPESERVICE\_INVALID\_SUPERVISOR\_ASSIST\_TYPE  
13080 PERERR\_GW\_E\_THREADESCAPESERVICE\_NO\_TERMINAL\_LIST  
13081 PERERR\_GW\_E\_THREADHOLDCALL\_CALL\_NOT\_CONTROLLED  
13082 PERERR\_GW\_E\_THREADHOLDCALL\_EXCEPTION\_HOLD  
13083 PERERR\_GW\_E\_THREADMAKECALL\_CREATECALL\_NULL\_CALL  
13084 PERERR\_GW\_E\_THREADMAKECALL\_CREATE\_CALL\_FAILURE  
13085 PERERR\_GW\_E\_THREADMAKECALL\_GENERIC\_CM\_ERROR  
13086 PERERR\_GW\_E\_THREADMAKECALL\_NULL\_TERMINAL\_LIST  
13087 PERERR\_GW\_E\_THREADMAKECALL\_PROVIDER\_GETADDRESS  
13088 PERERR\_GW\_E\_THREADMAKECALL\_PROVIDER\_GETTERMINAL  
13089 PERERR\_GW\_E\_THREADREDIRECTCALL\_EXCEPTION\_REDIRECT  
13090 PERERR\_GW\_E\_THREADRETRIEVECALL\_CALL\_NOT\_CONTROLLED  
13091 PERERR\_GW\_E\_THREADRETRIEVECALL\_EXCEPTION\_UNHOLD  
13092 PERERR\_GW\_E\_THREADSENDDTMF\_EXCEPTION\_GENERATEDDTMF  
13093 PERERR\_GW\_E\_THREADSENDDTMF\_INVALID\_CONNECTION  
13094 PERERR\_GW\_E\_THREADSENDDTMF\_NOT\_MEDIATERMINALCONNECTION  
13095 PERERR\_GW\_E\_THREADSUPERVISECALL\_ACTIVE\_CONN\_NOT\_TALKING  
13096 PERERR\_GW\_E\_THREADSUPERVISECALL\_ALREADY\_BARGED\_IN  
13097 PERERR\_GW\_E\_THREADSUPERVISECALL\_CREATECALL\_NULL\_CALL  
13098 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_ANSWER1  
13099 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_ANSWER2

13100 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_CONFERENCE1  
13101 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_CONFERENCE2  
13102 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_CONSULT  
13103 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_CREATECALL  
13104 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_DISCONNECT1  
13105 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_DISCONNECT2  
13106 PERERR\_GW\_E\_THREADSUPERVISECALL\_EXCEPTION\_SETCONFERENCEENABLE  
13107 PERERR\_GW\_E\_THREADSUPERVISECALL\_HELD\_CONN\_NOT\_HELD1  
13108 PERERR\_GW\_E\_THREADSUPERVISECALL\_HELD\_CONN\_NOT\_HELD2  
13109 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_ACTION  
13110 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_ACTIVE\_CONNECTION  
13111 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_AGENT\_CALLID1  
13112 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_AGENT\_CALLID2  
13113 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_AGENT\_CONNECTION1  
13114 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_AGENT\_CONNECTION2  
13115 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_HELD\_CONNECTION  
13116 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_SUPERVISOR\_CONNECTION1  
13117 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_SUPERVISOR\_CONNECTION2  
13118 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_SUPERVISOR\_CONNECTION3  
13119 PERERR\_GW\_E\_THREADSUPERVISECALL\_INVALID\_SUPERVISOR\_CONNECTION4  
13120 PERERR\_GW\_E\_THREADSUPERVISECALL\_SUPERVISOR\_NOT\_TALKING  
13121 PERERR\_GW\_E\_THREADTRANSFERCALL\_ACTIVE\_CONN\_NOT\_TALKING  
13122  
PERERR\_GW\_E\_THREADTRANSFERCALL\_EXCEPTION\_SETTRANSFERCONTROLLER  
13123 PERERR\_GW\_E\_THREADTRANSFERCALL\_EXCEPTION\_TRANSFER1  
13124 PERERR\_GW\_E\_THREADTRANSFERCALL\_EXCEPTION\_TRANSFER2  
13125 PERERR\_GW\_E\_THREADTRANSFERCALL\_HELD\_CONN\_NOT\_HELD



13126 PERERR\_GW\_E\_THREADTRANSFERCALL\_INVALID\_ACTIVE\_CONNECTION

13127 PERERR\_GW\_E\_THREADTRANSFERCALL\_INVALID\_HELD\_CONNECTION

20000 PERERR\_CM\_UNSPECIFIED

20001 PERERR\_CM\_TIMEOUT

20002 PERERR\_CM\_NO\_ACTIVE\_DEVICE\_FOR\_THIRDPARTY

20003 PERERR\_CM\_EXISTING\_FIRSTPARTY

20004 PERERR\_CM\_ILLEGAL\_HANDLE

20005 PERERR\_CM\_UNDEFINED\_LINE

20006 PERERR\_CM\_ILLEGAL\_CALLINGPARTY

20007 PERERR\_CM\_CALL\_ALREADY\_EXISTS

20008 PERERR\_CM\_LINECONTROL\_FAILURE

20009 PERERR\_CM\_ILLEGAL\_CALLSTATE

20010↑PERERR\_CM\_CALLHANDLE\_NOTINCOMINGCALL - CallManager

20011 PERERR\_CM\_TRANSFERFAILED\_DESTINATION\_UNALLOCATED

20013 PERERR\_CM\_TRANSFERFAILED\_DESTINATION\_BUSY

20014 PERERR\_CM\_TRANSFERFAILED

20015 PERERR\_CM\_HOLDFAILED

20017 PERERR\_CM\_RETRIEVEFAILED

20018 PERERR\_CM\_DB\_NO\_MORE\_DEVICES

20020 PERERR\_CM\_DB\_ILLEGAL\_DEVICE\_TYPE

20021 PERERR\_CM\_DB\_ERROR

20022 PERERR\_CM\_CANNOT\_TERMINATE\_MEDIA\_ON\_PHONE

20025 PERERR\_CM\_UNKNOWN\_GLOBAL\_CALL\_HANDLE

20026 PERERR\_CM\_DEVICE\_NOT\_OPEN

20027 PERERR\_CM\_ASSOCIATED\_LINE\_NOT\_OPEN

20028 PERERR\_CM\_SSAPI\_NOT\_REGISTERED

20029 PERERR\_CM\_REDIRECT\_CALL\_DOES\_NOT\_EXIST

20048 PERERR\_CM\_REDIRECT\_CALLINFO\_ERR

20049 PERERR\_CM\_REDIRECT\_ERR

20050 PERERR\_CM\_REDIRECT\_CALL\_CALL\_TABLE\_FULL

20051 PERERR\_CM\_REDIRECT\_CALL\_PROTOCOL\_ERROR

20052 PERERR\_CM\_REDIRECT\_CALL\_UNKNOWN\_DESTINATION

20053 PERERR\_CM\_REDIRECT\_CALL\_DIGIT\_ANALYSIS\_TIMEOUT

20054 PERERR\_CM\_REDIRECT\_CALL\_MEDIA\_CONNECTION\_FAILED

20055 PERERR\_CM\_REDIRECT\_CALL\_PARTY\_TABLE\_FULL

20056 PERERR\_CM\_REDIRECT\_CALL\_ORIGINATOR\_ABANDONED

20057 PERERR\_CM\_REDIRECT\_CALL\_UNKNOWN\_PARTY

20058 PERERR\_CM\_REDIRECT\_CALL\_INCOMPATIBLE\_STATE

20059 PERERR\_CM\_REDIRECT\_CALL\_PENDING\_REDIRECT\_TRANSACTION

20060 PERERR\_CM\_REDIRECT\_CALL\_UNKNOWN\_ERROR

20061 PERERR\_CM\_REDIRECT\_CALL\_NORMAL\_CLEARING

20062 PERERR\_CM\_REDIRECT\_CALL\_UNRECOGNIZED\_MANAGER

20063 PERERR\_CM\_REDIRECT\_CALL\_DESTINATION\_BUSY

20064 PERERR\_CM\_REDIRECT\_CALL\_DESTINATION\_OUT\_OF\_ORDER

20065 PERERR\_CM\_CANNOT\_OPEN\_DEVICE

20066 PERERR\_CM\_TRANSFERFAILED\_OUTSTANDING\_TRANSFER

20067 PERERR\_CM\_TRANSFERFAILED\_CALLCONTROL\_TIMEOUT

20068 PERERR\_CM\_CALLHANDLE\_UNKNOWN\_TO\_LINECONTROL

20069 PERERR\_CM\_OPERATION\_NOT\_AVAILABLE\_IN\_CURRENT\_STATE

20070 PERERR\_CM\_CONFERENCE\_FULL

20071 PERERR\_CM\_MAX\_NUMBER\_OF\_CTI\_CONNECTIONS\_REACHED

20080 PERERR\_CM\_INCOMPATIBLE\_PROTOCOL\_VERSION

20081 PERERR\_CM\_UNRECOGNIZABLE\_PDU

20082 PERERR\_CM\_ILLEGAL\_MESSAGE\_FORMAT

20094 PERERR\_CM\_DIRECTORY\_TEMPORARY\_UNAVAILABLE  
20095 PERERR\_CM\_DIRECTORY\_LOGIN\_NOT\_ALLOWED  
20096 PERERR\_CM\_DIRECTORY\_LOGIN\_FAILED  
20097 PERERR\_CM\_PROVIDER\_NOT\_OPEN  
20098 PERERR\_CM\_PROVIDER\_ALREADY\_OPEN  
20099 PERERR\_CM\_NOT\_INITIALIZED  
20100 PERERR\_CM\_CLUSTER\_LINK\_FAILURE  
20101 PERERR\_CM\_LINE\_INFO\_DOES\_NOT\_EXIST  
20102 PERERR\_CM\_DIGIT\_GENERATION\_ALREADY\_IN\_PROGRESS  
20103 PERERR\_CM\_DIGIT\_GENERATION\_WRONG\_CALL\_HANDLE  
20104 PERERR\_CM\_DIGIT\_GENERATION\_WRONG\_CALL\_STATE  
20105 PERERR\_CM\_DIGIT\_GENERATION\_CALLSTATE\_CHANGED  
20112 PERERR\_CM\_RETRIEVEFAILED\_ACTIVE\_CALL\_ON\_LINE  
20113 PERERR\_CM\_INVALID\_LINE\_HANDLE  
20114 PERERR\_CM\_LINE\_NOT\_PRIMARY  
20115 PERERR\_CM\_CFWDALL\_ALREADY\_SET  
20116 PERERR\_CM\_CFWDALL\_DESTN\_INVALID  
20117 PERERR\_CM\_CFWDALL\_ALREADY\_OFF  
20119 PERERR\_CM\_DEVICE\_OUT\_OF\_SERVICE  
20120 PERERR\_CM\_MSGWAITING\_DESTN\_INVALID  
20121 PERERR\_CM\_DARES\_INVALID\_REQ\_TYPE  
20122 PERERR\_CM\_CONFERENCE\_FAILED  
20123 PERERR\_CM\_CONFERENCE\_INVALID\_PARTICIPANT  
20124 PERERR\_CM\_CONFERENCE\_ALREADY\_PRESENT  
20125 PERERR\_CM\_CONFERENCE\_INACTIVE  
20126 PERERR\_CM\_TRANSFER\_INACTIVE  
20153 PERERR\_CM\_COMMAND\_NOT\_IMPLEMENTED\_ON\_DEVICE

20512 PERERR\_CM\_PROVIDER\_CLOSED

20513 PERERR\_CM\_PROTOCOL\_TIMEOUT

24095 PERERR\_CM\_GENERAL

## 跟踪位信息

PIM通过procmon命令支持各种各样的跟踪级别。此图表列出PIM支持的所有trace位和对应的关键字。这些切换立即生效并且继续有效，直到他们被关闭。这些设置是在重新启动和重新启动间的非易变和暂挂。

**注意：**此图表列出仅特定于PIM的标志，并且不包括那些标准对所有PIM。

toggle关键字的Procmon	说明
呼叫之前	跟踪关于呼叫之前征兆，取消，等等的所有信息。并且精选跟踪的路由和路由末端消息。
call_match_timing	跟踪包括待定的秒钟的所有信息，当呼叫提供在设备时。
periph_agent_messages	跟踪座席状态转变。
opcrequest	跟踪所有开放外围控制器(OPC)请求表处理。这些使用路由请求和潜在其他事。
lock_opcrequest	跟踪锁定并且为Opcrequest表取消锁定。
jtapi_gw_session	由JTAPI网关跟踪连接尝试。
jtapi_gw_heartbeat	显示检测信号发送的消息和接收由从网关进程的JTAPI Client。
jtapi_call_event	跟踪从网关的JTAPI Client接收的呼叫事件消息。
jtapi_opc_heartbeat	到/从OPC跟踪从JTAPI Client的消息。
jtapi_dialed_number_registration	跟踪和周边监视器和目录号(DN)回拨注册有关的消息。
lock_jtapi_application	跟踪应用层由一特定的JTAPI Client (调用锁定)锁定。
lock_jtapi_layer	跟踪JTAPI层锁定。
jtapi_op_error	跟踪在JTAPI Client生成的可操作的错误。
teld_agent-state	跟踪座席状态消息和转变在电话驱动器里分层堆积。
lock_teldrive_l	跟踪锁定并且为电话驱动器层取消锁定。

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lock_teldrive_instance	跟踪锁定并且为电话驱动器实例取消锁定。
teld_config_error	在电话驱动器层的跟踪配置错误。
teld_op_error	跟踪在电话驱动器层生成的可操作的错误。
teld_universal_failure	在电话驱动器层生成的跟踪通用失败错误和他们的周边错误代码(也文本)。
teld_universal_failure_seclvl	如果有trace普遍性失败，跟踪第二和三级文本关联与周边错误代码。

## [相关信息](#)

- [做IPCC 故障排除时的推荐的跟踪级别](#)
- [技术支持和文档 - Cisco Systems](#)