



Example Cisco Call Management Records

This chapter provides examples of call management records (CMRs).

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CMR Examples

The following examples of CMRs get generated during a normal call (IP phone to IP phone). Normal calls log three records per call: one CDR and two CMRs (one for each endpoint).

These examples represent a call between directory number 1010 and 1014. See related topics for a sample of the CDR that gets generated during a normal call.

Example 1: SCCP to SCCP Phone

A successful call between two Cisco IP Phones generates 2 CMRs at the end of the call, one for each endpoint. This example has both endpoints as SCCP phones that do not support the new video metrics. They are left at default.



Note “Duration” field in CMR is filled only for SIP phones.

CMR 1

Field Names	Values
cdrRecordType	2
globalCallID_callManagerId	1
globalCallID_callId	96004
nodeId	1
directoryNum	1010
callIdentifier	28141535

Field Names	Values
dateTimeStamp	1202412060
numberPacketsSent	358
numberOctetsSent	61576
numberPacketsReceived	351
numberOctetsReceived	60372
numberPacketsLost	1
jitter	0
latency	0
pkid	e95df5b1-2914-4a03-befb-0f58bf16392d
directoryNumPartition	
globalCallIdClusterID	StandAloneCluster
deviceName	SEP003094C39BE7
varVQMetrics	MLQK=0.0000;MLQKav=0.0000; MLQKmn=0.0000;MLQKmx=0.0000;MLQKvr=0.95; CCR=0.0000;ICR=0.0000;ICRmx=0.0000;CS=0; SCS=0
duration	
videoContentType	
videoDuration	
numberVideoPacketsSent	
numberVideoOctetsSent	
numberVideoPacketsReceived	
numberVideoOctetsReceived	
numberVideoPacketsLost	
videoAverageJitter	
videoRoundTripTime	
videoOneWayDelay	
videoReceptionMetrics	
videoTransmissionMetrics	

Field Names	Values
videoContentType_channel2	
videoDuration_channel2	
numberVideoPacketsSent_channel2	
numberVideoOctetsSent_channel2	
numberVideoPacketsReceived_channel2	
numberVideoOctetsReceived_channel2	
numberVideoPacketsLost_channel2	
videoAverageJitter_channel2	
videoRoundTripTime_channel2	
videoOneWayDelay_channel2	
videoReceptionMetrics_channel2	
videoTransmissionMetrics_channel2	

CMR 2

Field Name	Values
cdrRecordType	2
globalCallID_callManagerId	1
globalCallID_callId	96004
nodeId	1
directoryNum	1004
callIdentifier	28141536
dateTimeStamp	1202412060
numberPacketsSent	352
numberOctetsSent	60544
numberPacketsReceived	356
numberOctetsReceived	61232
numberPacketsLost	1
jitter	0

Field Name	Values
latency	0
pkid	545ff25a-5475-4882-af09-c7b714802703
directoryNumPartition	
globalCallIdClusterID	StandAloneCluster
deviceName	SEP0007EBBA6376
varVQMetrics	MLQK=0.0000;MLQKav=0.0000; MLQKmn=0.0000; MLQKmx=0.0000;MLQKvr=0.95; CCR=0.0000; ICR=0.0000;ICRmx=0.0000;CS=0; SCS=0
duration	
videoContentType	
videoDuration	
numberVideoPacketsSent	
numberVideoOctetsSent	
numberVideoPacketsReceived	
numberVideoOctetsReceived	
numberVideoPacketsLost	
videoAverageJitter	
videoRoundTripTime	
videoOneWayDelay	
videoReceptionMetrics	
videoTransmissionMetrics	
videoContentType_channel2	
videoDuration_channel2	
numberVideoPacketsSent_channel2	
numberVideoOctetsSent_channel2	
numberVideoPacketsReceived_channel2	
numberVideoOctetsReceived_channel2	
numberVideoPacketsLost_channel2	

Field Name	Values
videoAverageJitter_channel2	
videoRoundTripTime_channel2	
videoOneWayDelay_channel2	
videoReceptionMetrics_channel2	
videoTransmissionMetrics_channel2	

Example 2: SIP to SIP Phone That Supports Main Video Metrics

The following CMR flat file is an example of SIP to SIP phone that supports video metrics.

Field Name	Values
cdrRecordType	2
globalCallID_callManagerId	1
globalCallID_callId	17001
nodeId	1
directoryNum	139098
callIdentifier	32216238
dateTimeStamp	1379591701
numberPacketsSent	170
numberOctetsSent	10370
numberPacketsReceived	169
numberOctetsReceived	12337
numberPacketsLost	0
jitter	2
latency	0
pkid	ea0cddd0-7ddd-4a4e-a697-ca405e39292c
directoryNumPartition	
globalCallId_ClusterID	StandAloneCluster
deviceName	SEPD0C7891411C3

Field Name	Values
varVQMetrics	MLQK=0.0000;MLQKav=0.0000;MLQKmn=0.0000; MLQKmx=0.0000;MLQKvr=;CCR=0.0000;ICR=0.0000; ICRmx=0.0000;CS=0;SCS=0
duration	3
videoContentType	main
videoDuration	3
numberVideoPacketsSent	140
numberVideoOctetsSent	126355
numberVideoPacketsReceived	141
numberVideoOctetsReceived	128214
numberVideoPacketsLost	0
videoAverageJitter	7
videoRoundTripTime	0
videoOneWayDelay	0
videoReceptionMetrics	RxCodec=H264;RxBw=377;RxReso=640x360; RxFrameRate=31;RxFramesLost=0
videoTransmissionMetrics	TxCodec=H264;TxBw=368;TxReso=640x360; TxFrameRate=30
videoContentType_channel2	
videoDuration_channel2	
numberVideoPacketsSent_channel2	
numberVideoOctetsSent_channel2	
numberVideoPacketsReceived_channel2	
numberVideoOctetsReceived_channel2	
numberVideoPacketsLost_channel2	
videoAverageJitter_channel2	
videoRoundTripTime_channel2	
videoOneWayDelay_channel2	
videoReceptionMetrics_channel2	

Field Name	Values
videoTransmissionMetrics_channel2	

Related Topics

[Call management records](#)

[CDR Examples](#)

[Cisco call management records K-factor data](#)

[Cisco call management record field descriptions](#)

[Documentation related to CDR](#)

[Normal calls \(Cisco Unified IP Phone to Cisco Unified IP Phone\)](#)

