Ejemplo de Debug MGCP Packets

Contenido

Introducción

Este documento contiene las capturas de los **paquetes del mgcp del debug de las** diversas secuencias de la llamada del Media Gateway Control Protocol (MGCP). Cada secuencia se visualiza cronológicamente en una tabla. Las tablas contienen el mensaje (**MSG**) y **DECODIFICAN los** campos. Los campos **MSG** contienen la **salida de los debugs** real, y los campos del **DECODIFICAR** explican el mensaje precedente del **debug**. Actualmente, hay secuencias de depuración que muestran:

- El auricular se descuelga y el usuario marca dígitos.
- Un microteléfono recibe un tono de ocupado
- Llamada de voz en red completa que muestra los lados de origen y terminación
- Una secuencia completa de la llamada en espera entre tres partidos

Este documento es parte 5 de un conjunto de documento seises.

1. Configuración del CallManager 3.x de Cisco con gateways del IOS MGCP (puertos FXO, FXS analógicos)
2. Configuración de la gateway MGCP del IOS de Cisco
3. Gateway MGCP de la configuración y puertos FXO/FXS en un Cisco Callmanager server
4. Verifique y resuelva problemas el gateway MGCP del Cisco IOS
5. Ejemplo de Debug MGCP Packets
6. Monitor, restauración, y gatewayes MGCP de la cancelación para el Cisco CallManager

prerrequisitos

Requisitos

No hay requisitos específicos para este documento.

Componentes Utilizados

Esta configuración fue probada con el 3.0 del Cisco CallManager, 3.1, y 3.2 y las diversas versiones de las imágenes del Software Release 12.2 de Cisco IOS®. Capturaron a las capturas de pantalla y la configuración del Cisco IOS usando el software, el soporte físico, y el otro equipo enumerado abajo.

- 1 * X Cisco VG200/2 X FXS/2 FXO/1 FastEthernet 10/100 puerto; Cisco IOS Software Release 12.1(5)T
- 1 * Cisco CallManager 3.0(5a) que se ejecuta en un MCS7835
- 2 * Auriculares analógicos
- 2 * Teléfonos IP del Cisco 7960

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si la red está funcionando, asegúrese de haber comprendido el impacto que puede tener cualquier comando.

Para las versiones de software recomendadas de la compatibilidad entre el Cisco CallManager y el Cisco IOS Gateway, refiera a la comparación de la versión del software CallManager de Cisco.

Nota: El Cisco IOS Software Release 12.2(11)T o Posterior se recomienda sobre la base de las mejoras del **comando ccm-manager**. **El comando ccm-manager** requiere el Cisco IOS Software Release 12.1(5)XM o después todo el Routers (Cisco 2600 y 3600) y el gateway de voz de Cisco 200 (VG200).

Soporte MGCP de los Cisco 2600 y 3600 Router si están funcionando con el Cisco IOS Software Release 12.1(3)T o Posterior. La versión y la versión que usted requiere se basan en las características que usted necesita habilitar. El Cisco Callmanager server debe ser versión 3.0(5)a o posterior corriente. La configuración del router es lo mismo para todos los tipos de Routers. La configuración del CallManager de Cisco es también lo mismo para todos los tipos de Routers.

El VG200 es soportado por las versiones del Cisco IOS Software Release 12.1(5)XM1 y Posterior. La versión y la versión que usted requiere se basan en las características que usted necesita habilitar. Aunque el VG200 se soporte en las versiones anteriores del Cisco CallManager, se recomienda la versión 3.0(5)a o posterior.

Convenciones

Para obtener más información sobre las convenciones del documento, consulte las Convenciones de Consejos Técnicos de Cisco.

Haga el debug de la secuencia para cuando va un microteléfono descolgado y los usuarios marca dígitos

Los campos MSG en la tabla que se muestra a continuación son capturas del resultado del

comando de depuración de paquetes mgcp cuando un teléfono se descuelga y el usuario marca dígitos. Los campos DECODE brindan una interpretación de los mensajes MGCP que se producen por el comando de depuración.

MSG	21:50:26: send_mgcp_msg, MGCP Packet sent ---> NTFY 41 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 O: L/hd
DECODIFIQUE	NTFY 41 *!--- This is the notify (NTFY) message sent to the call agent to report !--- an observed event. The number 41 is the notify sequence number.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination !--- User Datagram Protocol (UDP) port number.* X: 50 *!--- The request ID is 50.* O: L/hd *!--- The observed event (O) off-hook (hd) is detected !--- with use of line package (L).*
MSG	21:50:26: MGCP Packet received <--- 200 41 OK
DECODIFIQUE	200 41 OK *!--- This receive acknowledgement states that NTFY sequence !--- 41 was executed normally.*
MSG	21:50:26: MGCP Packet received <--- RQNT 1825 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N),D/[0-9!--*T](D) S: L/dls
DECODIFIQUE	RQNT 1825 *!--- This is the notification request (RQNT) message sent to the call !--- agent to report the observed event. The sequence number is 1825.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination UDP port number.* X: 50 *!--- The request ID is 50.* R: L/hu(N), *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.* D/[0-9!--*T](D) *!--- Additionally, the call agent requests that this !--- residential gateway collect digits 0–9 plus and * until !--- the interdigit timeout (T) expires.* S: L/dl *!--- The call agent sends a signaling request (S) to have this !--- gateway use the line (L) package !--- and play dial tone (dl) for 16 seconds.*
MSG	21:50:26: send_mgcp_msg, MGCP Packet sent --->200 1825 OK
DECODIFIQUE	200 1825 OK *!--- This sent acknowledgement states that RQNT sequence !--- 1825 was executed normally.*

MSG	21:50:41: send_mgcp_msg, MGCP Packet sent ---> NTFY 42 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 O: D/16783201735
DECODIFIQUE	NTFY 42 *!--- The notify message is sent to the call agent to report the observed !--- event. The notify sequence number is 42.* aaln/S1/SU0/1@c26001.atl0.cisco.com !--- MGCP endpoint ID. MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 !--- Request ID is 50. O: D/16783201735 *!--- This residential gateway sends an observed event message !--- that states that it collected the digits (16783201735) which conformed !--- to the digit map.*
MSG	21:50:41: MGCP Packet received <--- 200 42 OK
DECODIFIQUE	200 42 OK *!--- This receive acknowledgement states that NTFY sequence !--- 42 was executed normally.*
MSG	21:50:41: MGCP Packet received <--- RQNT 1828 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N)
DECODIFIQUE	RQNT 1828 *!--- This is the notification request message sent to the call agent !--- to report the observed event. The sequence number is 1828.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 !--- Request ID is 50. R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.*
MSG	21:50:41: MGCP Packet received <--- RQNT 1828 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N)
DECODIFIQUE	RQNT 1828 *!--- The notification request message is sent to the call agent !--- to report the observed event. The sequence number is 1828.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook*

	(hu) condition exists.
MSG	21:50:41: MGCP Packet received <--- RQNT 1828 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N)
DECODIFIQUE	RQNT 1828 *!--- The notification request message is sent to the call agent to report !--- the observed event. The sequence number is 1828.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.*
MSG	21:50:41: MGCP Packet received <--- RQNT 1828 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N)
DECODIFIQUE	RQNT 1828 *!--- The notification request message is sent to the call agent to report !--- the observed event. The sequence number is 1828.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.*
MSG	21:50:41: send_mgcp_msg, MGCP Packet sent --->
200 1828 OK
DECODIFIQUE	200 1828 OK *!--- This sent acknowledgement states that RQNT sequence !--- 1828 was executed normally.*

Haga el debug de la secuencia para un microteléfono que reciba un tono de ocupado

Los campos **MSG** en la tabla mostrada abajo son capturas del **comando packets del mgcp del debug** hecho salir cuando va un teléfono *descolgado*, de los dígitos de diales, y después reciben un tono de ocupado. Los campos DECODE brindan una interpretación de los mensajes MGCP que se producen por el comando de depuración.

MSG	21:55:40: send_mgcp_msg, MGCP Packet sent --->
NTFY 98 aaln/S1/SU0/0@c26002.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 53

	O: D/16783201733
DECODIFIQUE	NTFY 98 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 98.* aaln/S1/SU0/1@c26002.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination User Datagram Protocol (UDP) !--- port number.* X: 53 !--- Request ID is 53. O: D/16783201733 *!--- This residential gateway sends an observed event (O) message !--- that states that it collected the digits (16783201733) which conformed to the !--- digit map.*
MSG	21:55:40: MGCP Packet received - 200 98 OK
DECODIFIQUE	200 98 OK *!--- This received acknowledgement states that NTFY sequence !--- 98 was executed normally.*
MSG	21:55:40: MGCP Packet received - RQNT 1845 aaln/S1/SU0/0@c26002.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 53 R: L/hu(N)
DECODIFIQUE	RQNT 1845 *!--- This is the notification request message received from !--- the call agent to report the observed event. The sequence number is 1845.* aaln/S1/SU0/1@c26002.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination UDP port number.* X: 53 *!--- The request ID is 53.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.*
MSG	21:55:40: send_mgcp_msg, MGCP Packet sent --> 200 1845 OK
DECODIFIQUE	200 1845 OK *!--- This sent acknowledgement states that RQNT sequence !--- 1845 was executed normally.*
MSG	21:55:40: MGCP Packet received - RQNT 1846 aaln/S1/SU0/0@c26002.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 53 R: L/hu(N) S: L/bz
DECODIFIQUE	RQNT 1846 *!--- This is the notification request message received from the call agent to !--- report the observed event. The sequence number is 1846.* aaln/S1/SU0/1@c26002.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port*

	number. X: 53 *!--- The request ID is 53.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.* S: L/bz *!--- The call agent sends a signaling request (S) to have this gateway !--- use the line (L) package and play busy tone (bz) for 30 seconds.*
MSG	21:55:40: send_mgcp_msg, MGCP Packet sent ---> 200 1846 OK
DECODIFIQUE	200 1846 OK *!--- This sent acknowledgement states that RQNT sequence !--- 1846 was executed normally.*

Llamada de voz en red completa que muestra los lados de origen y terminación

Los campos **MSG** en las dos tablas mostradas abajo son capturas del **comando packets del mgcp del debug** hecho salir cuando se hace y se derriba una llamada telefónica completa. La primera tabla muestra una llamada desde la perspectiva del lado de origen, mientras que la segunda tabla representa la perspectiva del lado de finalización. Los campos DECODE brindan una interpretación de los mensajes MGCP que se producen por el comando de depuración.

Lado de origen

MSG	1d00h: send_mgcp_msg, MGCP Packet sent --->
NTFY 166 aaln/S1/SU0/1@c26001.atl0.cisco.com
MGCP 0.1
N: mgcp.aSCT1CA.atl0.cisco.com:2427
X: 50
O: L/hd
DECODIFIQUE	NTFY 166
!--- The notify message is sent to the call agent to report the !--- observed event. The notify sequence number is 166.
aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N:
mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* O:
L/hd *!--- The observed event (O) off-hook (hd) is detected with use of line (L) !--- package.*
MSG	1d00h: MGCP Packet received -
200 166 OK
DECODIFIQUE	200 166 OK
!--- This received acknowledgement states that NTFY sequence !--- 166 was executed normally.
MSG	1d00h: MGCP Packet received -
RQNT 2877 aaln/S1/SU0/1@c26001.atl0.cisco.com
MGCP 0.1
N: mgcp.aSCT1CA.atl0.cisco.com:2427
X: 50
R: L/hu(N),D/[0-9!--*T](D)
S: L/dl
DECODIFIQU	RQNT 2877
!--- This is the notification request message

E	*received from the call agent to !--- report the observed event. The sequence number 2877.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID (X) is 50.* R: L/hu(N), *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.* D/[0-9!--*T](D) *!--- Additionally, the call agent requests that this !--- residential gateway collect digits 0-9 plus and * until the !--- interdigit timeout (T) expires.* S: L/dl *!--- The call agent sends a signaling request (S) to have !--- this gateway use the line (L) package and play !--- dial tone (dl) for 16 seconds.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> 200 2877 OK
DECODIFIQUE	200 2877 OK *!--- This sent acknowledgement states that RQNT sequence !--- 2877 was executed normally.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> NTFY 167 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 O: D/6783201737
DECODIFIQUE	NTFY 167 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 167.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* O: D/16783201737 *!--- This residential gateway sends an observed event (O) message !--- that states that it collected the digits (16783201737) which conformed to the !--- digit map.*
MSG	1d00h: MGCP Packet received - 200 167 OK
DECODIFIQUE	200 167 OK *!--- This received acknowledgement states that NTFY sequence !--- 167 was executed normally.*
MSG	1d00h: MGCP Packet received - RQNT 2878 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N)
DECODIFIQUE	RQNT 2878 *!--- This notification request message is sent from the call agent !--- to report the observed event. The sequence number is 2878.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP*

	version is 0.1. N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID (X) is 50.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent ---> 200 2878 OK
DECODIFIQUE	200 2878 OK *!--- This sent acknowledgement states that RQNT sequence !--- 2878 was executed normally.*
MSG	1d00h: MGCP Packet received - CRCX 2879 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 C: 64 L: p:20, a:PCMU;PCMA;G726-32, e:on, s:on, t:00 M: recvonly
DECODIFIQUE	CRCX 2879 *!--- This is the create connection (CRCX) message received from the call agent. !--- The sequence number is 2879.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* C: 64 *!--- The call identification number (C) is 64. !--- **Note:** This is NOT the callerid.* L: p:20 *!--- This local connection option (L) specifies that the packetization !--- period (p) is 20 milliseconds.* a:PCMU;PCMA;G726-32 *!--- The compression algorithm (a) options are: u-law pulse code modulation (PCM), !--- a-law PCM, or 32 kbps G.726.* e:on, s:on *!--- The call agent has set both echo cancellation (e) and silence !--- suppression (s), also known as voice activity detection (VAD), to enable.* t:00 *!--- The type of service (t) for this call is 0.* M: recvonly *!--- The connection mode (M) is received only at this point, which allows !--- only ring-back tone.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent ---> 200 2879 I: 18 v=0 c=IN IP4 192.168.25.2 m=audio 16386 RTP/AVP 0 8
DECODIFIQUE	200 2879 *!--- This sent acknowledgement states that CRCX sequence !--- 2879 was executed normally.* I: 18 *!--- The connection identification number is 18.* v=0 *!--- The session description protocol (SDP) version is 0.* c=IN IP4 192.168.25.2 *!--- The connection data (c) field specifies an Internet (IN) IP !--- version 4 address of 192.168.25.2.* m=audio 16386 RTP/AVP 0 8 *!--- The SDP media description (m) specifies a media type of audio, !--- destination User Datagram*

	Protocol (UDP) port 16386 for voice-bearer traffic, !--- and Real-Time Transport Protocol (RTP) encapsulation using !--- audio video profile (AVP) with RTP payload type of 0 or 8.
MSG	1d00h: MGCP Packet received - MDCX 2881 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 I: 18 C: 64 M: recvonly v=0 c=IN IP4 192.168.25.6 t=0 0 m=audio 16388 RTP/AVP 0
DECODIFIQUE	MDCX 2881 *!--- This is the modify connection (MDCX) message received from the call agent. !--- The sequence number is 2881.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 18 *!--- The connection identification number is 18.* C: 64 *!--- The call identification number (C) is 64. !---* ***Note:*** *This is NOT the callerid.* M: recvonly *!--- The connection mode (M) is received only at this point, which allows !--- only ring-back tone.* v=0 *!--- The SDP version is 0.* c=IN IP4 192.168.25.6 *!--- The connection data (c) field specifies an Internet (IN) IP !--- version 4 address of 192.168.25.6.* m=audio 16386 RTP/AVP 0 *!--- The SDP media description (m) specifies a media type of audio, !--- destination UDP port 16386 for voice-bearer traffic, and RTP !--- encapsulation using AVP with RTP payload type of 0.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent ---> 200 2881 OK
DECODIFIQUE	200 2881 OK *!--- This sent acknowledgement states that MDCX sequence !--- 2881 was executed normally.*
MSG	1d00h: MGCP Packet received - RQNT 2883 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N) S: G/rt
DECODIFIQUE	RQNT 2883 *!--- The notification request message is sent from the call agent !--- to report the observed event. The sequence number is 2883.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID (X) is 50.* R: L/hu(N) *!--- The call agent requests (R) to be*

	notified (N) immediately !--- that an on-hook (hu) condition exists. S: G/rt *!--- The call agent sends a signaling request (S) to have this gateway !--- use the generic (G) package and play the ring-back tone (rt).*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> 200 2883 OK
DECODIFIQUE	200 2883 OK *!--- This sent acknowledgement states that RQNT sequence !--- 2883 was executed normally.*
MSG	1d00h: MGCP Packet received - MDCX 2885 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 I: 18 C: 64 M: sendrecv
DECODIFIQUE	MDCX 2885 *!--- This is the modify connection (MDCX) message received from the call agent. !--- The sequence number is 2885.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 18 *!--- The connection identification number is 18.* C: 64 *!--- The call identification number (C) is 64. !---* ***Note:*** *This is NOT the callerid.* M: sendrecv *!--- The connection mode (M) is a two-way send and receive at this point, !--- which allows full conversation.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> 200 2885 OK
DECODIFIQUE	200 2885 OK *!--- This sent acknowledgement states that MDCX sequence !--- 2885 was executed normally.*
MSG	1d00h: MGCP Packet received - RQNT 2886 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N),L/hf(N) S:
DECODIFIQUE	RQNT 2886 *!--- The notification request message is sent from the call agent !--- to report the observed event. The sequence number is 2886.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID (X) is 50.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) or hook flash (hf) condition exists.* S: *!--- The call agent sends a signaling request (S) to have this gateway !--- signal nothing, which stops the playout of the*

	ring-back !--- tone (rt).
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --->
200 2886 OK
DECODIFIQUE	200 2886 OK
!--- This sent acknowledgement states that RQNT sequence !--- 2886 was executed normally.
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --->
NTFY 168 aaln/S1/SU0/1@c26001.atl0.cisco.com
MGCP 0.1
N: mgcp.aSCT1CA.atl0.cisco.com:2427
X: 50
O: L/hu
DECODIFIQUE	NTFY 168
!--- The notify (NTFY) message is sent to the call agent to report !--- the observed event. The notify sequence number is 168.
aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N:
mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* O:
L/hu *!--- This residential gateway sends an observed event (O) that the !--- user went on-hook or hung up (hu).*
MSG	1d00h: MGCP Packet received -
200 168 OK
DECODIFIQUE	200 168 OK
!--- This receive acknowledgement states that NTFY sequence !--- 168 was executed normally.
MSG	1d00h: MGCP Packet received -
RQNT 2888 aaln/S1/SU0/1@c26001.atl0.cisco.com
MGCP 0.1
N: mgcp.aSCT1CA.atl0.cisco.com:2427
X: 50
R: L/hd(N)
DECODIFIQUE	RQNT 2888
!--- The notification request message is sent from the call agent !--- to report the observed event. The sequence number is 2888.
aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N:
mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* R:
L/hd(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an off-hook (hd) condition exists.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --->
200 2888 OK
DECODIFIQUE	200 2888 OK
!--- This sent acknowledgement states that RQNT sequence !--- 2888 was executed normally.
MSG	1d00h: MGCP Packet received -
DLCX 2890 aaln/S1/SU0/1@c26001.atl0.cisco.com
MGCP 0.1
I: 18
C: 64
	DLCX 2890

DECODIFIQUE	*!--- The deleted connection (DLCX) message is received from the call agent. !--- The sequence number is 2890.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* I: 18 *!--- The connection identification number is 18.* C: 64 *!--- The call identification number (C) is 64. !---* ***Note:*** *This is NOT the callerid.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> 250 2890 P: PS=305, OS=47685, PR=501, OR=79722, PL=4, JI=288, LA=3
DECODIFIQUE	250 2890 *!--- This sent acknowledgement states that the connection was deleted. !--- The DLCX sequence number is 2890.* P: PS=305, *!--- The connection parameters (P) give call statistics. !--- The number of packets sent (PS) is 305.* OS=47685, *!--- The number of octets sent (OS) is 47685.* PR=501, *!--- The number of packets received (PR) is 501.* OR=79722, *!--- The number of octets received (OR) is 79722.* PL=4, *!--- The number of packets lost (PL) is 4.* JI=288, *!--- The jitter (JI) is 288 milliseconds.* LA=3 *!--- The latency (LA) is 3 milliseconds.*

Lado de finalización

MSG	1d00h: MGCP Packet received - CRCX 2899 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 C: 65 L: p:20, a:PCMU;PCMA, e:on, s:on, t:00, nt:IN M: sendrecv v=0 c=IN IP4 192.168.25.6 t=0 0 m=audio 16384 RTP/AVP 0 8
DECODIFIQUE	CRCX 2899 *!--- The create connection (CRCX) message is received from the call agent. !--- The sequence number is 2899.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* C: 65 *!--- The call identification number (C) is 65. !---* ***Note:*** *This is NOT the callerid.* L: p:20 *!--- This local connection option (L) specifies that the packetization !--- period (p) is 20 milliseconds.* a:PCMU;PCMA *!--- The compression algorithm (a) options are: u-law pulse code modulation (PCM) !--- or a-law PCM.* e:on, s:on *!--- The call agent has set both echo cancellation (e) and silence !--- suppression (s), also known as VAD, to enabled.* t:00 *!--- The type of service (t) for this call is 0.* nt:IN *!--- The type of network (nt) is Internet (IN).* M: sendrecv *!--- The connection*

	mode (M) is a two-way send and receive at this point, !--- which allows full conversation. v=0 *!--- The SDP version is 0.* c=IN IP4 192.168.25.6 *!--- The connection data (c) field specifies an Internet (IN) IP version !--- 4 address of 192.168.25.6.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for this call !--- instance. When both start and stop are 0, the call is considered permanent.* m=audio 16384 RTP/AVP 0 8 *!--- The SDP media description (m) specifies a media type of audio, !--- destination User Datagram Protocol (UDP) port 16384 for voice-bearer traffic, !--- and Real-Time Transport Protocol (RTP) encapsulation using !--- audio video profile (AVP) with RTP payload type of 0 or 8.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent ---> 200 2899 I: 19 v=0 c=IN IP4 192.168.25.2 m=audio 16386 RTP/AVP 0
DECO DIFIQUE	200 2899 *!--- This sent acknowledgement states that CRCX sequence !--- 2899 was executed normally.* I: 19 *!--- The connection identification number is 19.* v=0 *!--- The session description protocol (SDP) version is 0.* c=IN IP4 192.168.25.2 *!--- The connection data (c) field specifies an Internet (IN) IP !--- version 4 address of 192.168.25.2.* m=audio 16386 RTP/AVP 0 *!--- The SDP media description (m) specifies a media type of audio, !--- destination UDP port 16386 for voice-bearer traffic, and RTP !--- encapsulation using AVP with RTP payload type of 0.*
MSG	1d00h: MGCP Packet received - RQNT 2901 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hd(N) S: L/rg
DECO DIFIQUE	RQNT 2901 *!--- This is the notification request message sent from the call agent to report !--- the observed event. The sequence number is 2901.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* R: L/hd(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an off-hook (hd) condition exists.* S: L/rg *!--- The call agent sends a signaling request (S) to have this gateway !--- use the generic (L) package and generate a ringing tone (rg).*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent ---> 200 2901 OK
DECO	200 2901 OK *!--- This sent acknowledgement states that RQNT*

DIFIQUE	*sequence !--- 2901 was executed normally.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> NTFY 169 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 O: L/hd
DECO DIFIQUE	NTFY 169 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 169.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* O: L/hd *!--- Observed event (O) off-hook (hd) is detected with use of !--- line (L) package.*
MSG	1d00h: MGCP Packet received - 200 169 OK
DECO DIFIQUE	200 169 OK *!--- This received acknowledgement states that NTFY sequence !--- 169 was executed normally.*
MSG	1d00h: MGCP Packet received - RQNT 2903 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hu(N),L/hf(N)
DECO DIFIQUE	RQNT 2903 *!--- This is the notification request message sent from the call agent to report !--- the observed event. The sequence number is 2886.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID (X) is 50.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) or hook flash (hf) condition exists.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> 200 2903 OK
DECO DIFIQUE	200 2903 OK *!--- This sent acknowledgement states that RQNT sequence !--- 2903 was executed normally.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --> NTFY 170 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 O: L/hu
DECO DIFIQUE	NTFY 170 *!--- The notify message is sent to the call agent to report the observed !--- event. The notify sequence number is 170.*

	aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* O: L/hu *!--- This residential gateway sends an observed event (O) that the !--- user went on-hook or hung up (hu).*
MSG	1d00h: MGCP Packet received - 200 170 OK
DECODIFIQUE	200 170 OK *!--- This received acknowledgement states that NTFY sequence !--- 170 was executed normally.*
MSG	1d00h: MGCP Packet received - RQNT 2906 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 N: mgcp.aSCT1CA.atl0.cisco.com:2427 X: 50 R: L/hd(N)
DECODIFIQUE	RQNT 2906 *!--- The notification request message is sent from the call agent to !--- report the observed event. The sequence number is 2906.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.aSCT1CA.atl0.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 50 *!--- The request ID is 50.* R: L/hd(N) *!--- The call agent requests (R) to be notified (N) !--- immediately that an off-hook (hd) condition exists.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --->
200 2906 OK
DECODIFIQUE	200 2906 OK *!--- This sent acknowledgement states that RQNT sequence !--- 2906 was executed normally.*
MSG	1d00h: MGCP Packet received - DLCX 2907 aaln/S1/SU0/1@c26001.atl0.cisco.com MGCP 0.1 I: 19 C: 65
DECODIFIQUE	DLCX 2907 *!--- The delete connection (DLCX) message is received from the call agent. !--- The sequence number is 2907.* aaln/S1/SU0/1@c26001.atl0.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* I: 19 *!--- The connection identification number is 19.* C: 65 *!--- The call identification number (C) is 65. !---* ***Note:*** *This is NOT the callerid.*
MSG	1d00h: send_mgcp_msg, MGCP Packet sent --->
250 2907 P: PS=334, OS=52843, PR=293, OR=46601, PL=0, JI=512, LA=3
DECODIFIQUE	250 2907 *!--- This sent acknowledgement states that the connection was deleted. !--- The DLCX sequence number is 2907.* P: PS=334, *!--- The connection*

	parameters (P) provide call statistics. !--- The packets sent (PS) is 334. OS=52843, *!--- The octets sent (OS) is 52843.* PR=293, *!--- The packets received (PR) is 293.* OR=46601, *!--- The octets received (OR) is 46601.* PL=0, *!--- The packets lost (PL) is 0.* JI=512, *!--- The jitter (JI) is 512 milliseconds.* LA=3 *!--- The latency (LA) is 3 milliseconds.*

Secuencia de espera de llamada completa entre tres partes

Los campos **MSG** en las dos tablas mostradas abajo son capturas del **comando packets del mgcp del debug** hecho salir cuando la llamada en espera es señalada a un punto final de gateway por un agente de la llamada. El primer punto final `aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com de las` demostraciones de la tabla hace las llamadas telefónicas al 472-0002, que termina en el mismo gateway residencial, y recibe una indicación de la llamada en espera durante la llamada. La segunda tabla muestra el punto final `aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com`, situado en otro gateway residencial, poniendo la llamada que inicia la indicación de la llamada en espera a `aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com`. Los campos DECODE brindan una interpretación de los mensajes MGCP que se producen por el comando de depuración.

MSG	send_mgcp_msg, MGCP Packet sent --> NTFY 171 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 O: L/hd
DECODIFIQUE	NTFY 171*!--- This is the notify message sent to the call agent to report the observed event. !--- The notify sequence number is 171.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID is 5.* O: L/hd *!--- The observed event (O) off-hook (hd) is detected with use of !--- line (L) package.*
MSG	MGCP Packet received - 200 171 OK
DECODIFIQUE	200 171 OK *!--- The received acknowledgement states that NTFY sequence !--- 171 was executed normally.*
MSG	MGCP Packet received - RQNT 23 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 R: L/hu(N),D/[0-9!--*T](D) S: L/dl
DECODIFIQUE	RQNT 23 *!--- The notification request message is sent from the call agent to !--- report the observed event. The sequence number is 23.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the*

	notified entity ID with destination port number. X: 5 *!--- The request ID is 5.* R: L/hu(N),D/[0-9!--*T](D) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exits and evaluates the digits received !--- with use of the digit map ((D)) and the dual tone multifrequency (DTMF) (D/) !--- package.* S: L/dl *!--- The call agent sends a signaling request (S) to have this !--- gateway use the line (L) package and play dial tone (dl) !--- for 16 seconds to endpoint aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 23 OK
DECODIFIQUE	200 2906 OK *!--- This sent acknowledgement states that RQNT sequence !--- 2906 was executed normally.*
MSG	send_mgcp_msg, MGCP Packet sent ---> NTFY 172 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 O: D/4720002
DECODIFIQUE	NTFY 172 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 172.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID is 5.* O: D/4720002 *!--- The observed event (O) dialed digits (472-0002) is detected !--- with use of the DTMF (D) package.*
MSG	MGCP Packet received - 200 172 OK
DECODIFIQUE	200 172 OK *!--- This received acknowledgement states that NTFY sequence !--- 172 was executed normally.*
MSG	MGCP Packet received - RQNT 24 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 R: L/hu(N)
DECODIFIQUE	RQNT 24 *!--- This is the notification request message sent from the call agent to !--- report the observed event. The sequence number is 24.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID is 5.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) !--- immediately that an on-hook (hu) event occurs.*

MSG	send_mgcp_msg, MGCP Packet sent ---> 200 24 OK
DECODIFIQUE	200 24 OK *!--- This sent acknowledgement states that RQNT sequence !--- 24 was executed normally.*
MSG	MGCP Packet received - CRCX 25 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 C: 2 L: p:10-20, a:PCMU;PCMA;G726-32, e:off, s:off, t:a0 M: recvonly
DECODIFIQUE	CRCX 25 *!--- This is the create connection (CRCX) message received from the call agent. !--- The sequence number is 25.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the calling party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* C: 2 *!--- The call identification number (C) is 2. !--- **Note:** This is NOT the callerid.* L: p:10-20 *!--- This local connection option (L) requests a packetization !--- period (p) of 10 or 20 milliseconds.* a:PCMU;PCMA;G726-32, *!--- The compression algorithm (a) options are: u-law pulse code modulation (PCM), !--- a-law PCM, or 32 kbps G.726.* e:off, s:off, *!--- The call agent has set both echo cancellation (e) and !--- silence suppression (s), also known as voice activity detection (VAD), !--- to disabled.* t:a0 *!--- The IP header type of service (t) byte for this call is !--- hexadecimal a0, which indicates IP precedence of 5 and minimized delay.* M: recvonly *!--- The connection mode (M) is a one-way receive at this !--- point until the called party answers.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 25 I: 1D v=0 o=- 2 0 IN IP4 13.200.2.6 s=Cisco SDP 0 c=IN IP4 13.200.2.6 t=0 0 m=audio 16386 RTP/AVP 0 8
DECODIFIQUE	200 25 *!--- This sent acknowledgement states that CRCX sequence !--- 25 was executed normally.* I: 1D *!--- The connection identification number is 1D. !--- **Note:** This is for the calling leg.* v=0 *!--- The SDP version is 0.* o=- 2 0 IN IP4 13.200.2.6 *!--- The origin (o) field indicates that no user IDs are used via (-). !--- The session ID is 2 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 source address of 13.200.2.6 !--- is also specified.* s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.6 *!--- The connection data (c) field specifies an*

	Internet (IN) IP !--- version 4 source address of 13.200.2.6. t=0 0 *!--- The (t) represents the start (0) and stop (0) times !--- for this call instance. !--- When both start and stop are 0, the call is considered permanent.* m=audio 16386 RTP/AVP 0 8 *!--- This SDP media description (m) specifies a media type of audio, !--- destination User Datagram Protocol (UDP) port 16386 for voice-bearer traffic, !--- and Real-Time Transport Protocol (RTP) encapsulation using !--- audio video profile (AVP) with RTP payload type of 0 or 8.*
MSG	MGCP Packet received - CRCX 26 aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 C: 2 L: p:10-20, a:PCMU;PCMA, e:off, s:off, t:a0, nt:IN M: sendrecv v=0 o=- 2 0 IN IP4 13.200.2.6 s=Cisco SDP 0 c=IN IP4 13.200.2.6 t=0 0 m=audio 16386 RTP/AVP 0 8
DECODIFIQUE	CRCX 26 *!--- The create connection (CRCX) message is received from the call agent. !--- The sequence number is 26.* aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the called party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* C: 2 *!--- The call identification number (C) is 2. !--- **Note:** This is NOT the callerid.* L: p:10-20 *!--- This local connection option (L) requests a packetization !--- period (p) of 10 or 20 milliseconds.* a:PCMU;PCMA, *!--- The compression algorithm (a) options are: u-law PCM or a-law PCM.* e:off, s:off, *!--- The call agent has set both echo cancellation (e) and !--- silence suppression (s), also known as VAD, to disabled.* t:a0 *!--- The IP header type of service (t) byte for this call !--- is hexadecimal a0, which indicates IP precedence !--- of 5 and minimized delay.* M: sendrecv *!--- The connection mode (M) is a two-way send and receive at !--- this point, which allows full conversation.* v=0 *!--- The SDP version is 0.* o=- 2 0 IN IP4 13.200.2.6 *!--- The origin (o) field indicates that no user IDs are used via (-). !--- The session ID is 2 and the version of this announcement is 0. !--- The Internet (IN) IP version 4 source address of 13.200.2.6 !--- is also specified.* s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.6 *!--- The connection data (c) field specifies an Internet (IN) !--- IP version 4 source address of 13.200.2.6.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times !--- for this call instance. When both start*

	and stop are 0, !--- the call is considered permanent. m=audio 16386 RTP/AVP 0 8 *!--- The SDP media description (m) specifies a media type !--- of audio, destination UDP port 16386 for voice-bearer !--- traffic, and RTP encapsulation using AVP with !--- RTP payload type of 0 or 8.*
MSG	send_mgcp_msg, MGCP Packet sent --> 200 26 I: 1E v=0 o=- 2 0 IN IP4 13.200.2.6 s=Cisco SDP 0 c=IN IP4 13.200.2.6 t=0 0 m=audio 16388 RTP/AVP 0
DECODIFIQUE	200 26 *!--- This sent acknowledgement states that CRCX sequence !--- 26 was executed normally.* I: 1E *!--- The connection identification number is 1E. !--- **Note:** This is for the called leg.* v=0 *!--- The SDP version is 0.* o=- 2 0 IN IP4 13.200.2.6 *!--- The origin (o) field indicates that no user IDs are used via (-). !--- The session ID is 2 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 source address of 13.200.2.6 !--- is also specified.* s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.6 *!--- The connection data (c) field specifies an Internet (IN) IP version !--- 4 source address of 13.200.2.6.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for !--- this call instance. When both start and stop are 0, !--- the call is considered permanent.* m=audio 16388 RTP/AVP 0 8 *!--- The SDP media description (m) specifies a media !--- type of audio, destination UDP port 16388 for !--- voice-bearer traffic, and RTP encapsulation using !--- AVP with RTP payload type of 0 or 8.*
MSG	MGCP Packet received - MDCX 27 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 1D C: 2 M: recvonly v=0 o=- 2 0 IN IP4 13.200.2.6 s=Cisco SDP 0 c=IN IP4 13.200.2.6 t=0 0 m=audio 16388 RTP/AVP 0
DECODIFIQUE	MDCX 27 *!--- This is the modify connection (MDCX) message received from the call agent. !--- The sequence number is 27.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the called party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 1D *!--- The connection*

	*identification number is 1D. !--- **Note:** This is for the calling leg.* C: 2 *!--- The call identification number (C) is 2. !--- **Note:** This is NOT the callerid.* M: recvonly *!--- The connection mode (M) is a one-way receive at this point until !--- the called party answers.* v=0 *!--- The SDP version is 0.* o=- 2 0 IN IP4 13.200.2.6 *!--- The origin (o) field indicates that no user IDs are used via (-). !--- The session ID is 2 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 destination address of 13.200.2.6 !--- is also specified.* s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.6 *!--- The connection data (c) field specifies an Internet (IN) IP !--- version 4 destination address of 13.200.2.6.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for !--- this call instance. When both start and stop are 0, !--- the call is considered permanent.* m=audio 16388 RTP/AVP 0 *!--- The SDP media description (m) specifies a media type of audio, !--- destination UDP port 16388 for voice-bearer traffic, and !--- RTP encapsulation using AVP with RTP payload type of 0.*
MSG	send_mgcp_msg, MGCP Packet sent --> 200 27 OK
DECODIFIQUE	200 27 OK *!--- This sent acknowledgement states that MDCX sequence !--- 27 was executed normally.*
MSG	MGCP Packet received - RQNT 28 aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 6 R: L/hd(N) S: L/rg
DECODIFIQUE	RQNT 28 *!--- This is the notification request message sent from !--- the call agent to report the observed event. !--- The sequence number is 28.* aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 6 *!--- The request ID is 6.* R: L/hd(N) *!--- The call agent requests (R) to be notified (N) !--- immediately that an off-hook (hd) condition exists.* S: L/rg *!--- The call agent sends a signaling request (S) to have this !--- gateway use the line (L) package and generate a ringing tone (rg).*
MSG	send_mgcp_msg, MGCP Packet sent --> 200 28 OK
DECODIFIQUE	200 28 OK *!--- This sent acknowledgement states that RQNT sequence !--- 28 was executed normally.*
MSG	MGCP Packet received - RQNT 29 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com

	MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 R: L/hu(N) S: G/rt
DECODIFIQUE	RQNT 29 *!--- This is the notification request message sent from the call agent to !--- report the observed event. The sequence number is 29.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID is 5.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) condition exists.* S: G/rt *!--- The call agent sends a signaling request (S) to have !--- this gateway use the generic (G) package and generate a !--- ring-back tone.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 29 OK
DECODIFIQUE	200 29 OK *!--- This sent acknowledgement states that RQNT sequence !--- 29 was executed normally.*
MSG	send_mgcp_msg, MGCP Packet sent ---> NTFY 173 aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 6 O: L/hd
DECODIFIQUE	NTFY 173 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 173.* aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 6 *!--- The request ID is 6.* O: L/hd *!--- The observed (O) event off-hook (hd) is detected with use of !--- line (L) package.*
MSG	MGCP Packet received - 200 173 OK
DECODIFIQUE	200 173 OK *!--- This received acknowledgement states that NTFY sequence !--- 173 was executed normally.*
MSG	MGCP Packet received - MDCX 31 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 1D C: 2 M: sendrecv
DECODIFIQUE	MDCX 27 *!--- This is the modify connection (MDCX) message received from the call agent. !--- The sequence number is 27.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint*

	*ID. !--- **Note:** This is the calling party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 1D *!--- The connection identification number is 1D. !--- **Note:** This is for the calling leg.* C: 2 *!--- The call identification number (C) is 2. !--- **Note:** This is NOT the callerid.* M: sendrecv *!--- The connection mode (M) is a two-way send and receive at this point, !--- which allows full conversation.*
MSG	send_mgcp_msg, MGCP Packet sent --> 200 31 OK
DECODIFIQUE	200 31 OK *!--- This sent acknowledgement states that MDCX sequence !--- 31 was executed normally.*
MSG	MGCP Packet received - RQNT 32 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 R: L/hu(N),L/hf(N) S:
DECODIFIQUE	RQNT 32 *!--- This is the notification request message sent from the call agent to !--- report the observed event. The sequence number is 32.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID (X) is 5.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) or hook flash (hf) condition exists.* S: *!--- The call agent sends a signaling request (S) to have this !--- gateway signal nothing, thereby stopping the !--- playout of the ring-back tone (rt).*
MSG	send_mgcp_msg, MGCP Packet sent --> 200 32 OK
DECODIFIQUE	200 32 OK *!--- This sent acknowledgement states that RQNT sequence !--- 32 was executed normally.*
MSG	MGCP Packet received - CRCX 36 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 C: 3 L: p:10-20, a:PCMU;PCMA, e:off, s:off, t:a0, nt:IN M: inactive v=0 o=- 3 0 IN IP4 13.200.2.7 s=Cisco SDP 0 c=IN IP4 13.200.2.7 t=0 0 m=audio 16388 RTP/AVP 0 8
DECO	CRCX 36

DIFIQUE	*!--- The create connection (CRCX) message is received from the call agent. !--- The sequence number is 26. !--- This is a new call coming from another endpoint.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the called party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* C: 3 *!--- The call identification number (C) is 3. !--- **Note:** This is NOT the callerid. !--- This is a new incoming call.* L: p:10-20 *!--- This local connection option (L) requests a packetization !--- period (p) of 10 or 20 milliseconds.* a:PCMU;PCMA, *!--- The compression algorithm (a) options are: u-law PCM or a-law PCM.* e:off, s:off, *!--- The call agent has set both echo cancellation (e) and !--- silence suppression (s), also known as VAD, to disabled.* t:a0 *!--- The IP header type of service (t) byte for this call is !--- hexadecimal a0, which indicates IP precedence of 5 and !--- minimized delay.* M: inactive *!--- The connection mode (M) is inactive, which tells the gateway to !--- neither send nor receive packets on this connection.* v=0 *!--- The SDP version is 0.* o=- 3 0 IN IP4 13.200.2.7 *!--- The origin (o) field indicates that no user ids are used via (-). !--- The session ID is 3 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 destination address !--- of 13.200.2.7 is also specified.* s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.7 *!--- The connection data (c) field specifies an Internet (IN) !--- IP version 4 destination address of 13.200.2.7.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for this !--- call instance. When both start and stop are 0, the call !--- is considered permanent.* m=audio 16388 RTP/AVP 0 8 *!--- The SDP media description (m) specifies a media type of audio, !--- destination UDP port 16388 for voice-bearer traffic, !--- and RTP encapsulation using AVP !--- with RTP payload type of 0 or 8.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 36 I: 1F v=0 o=- 2 0 IN IP4 13.200.2.6 s=Cisco SDP 0 c=IN IP4 13.200.2.6 t=0 0 m=audio 16390 RTP/AVP 0
DECO DIFIQUE	200 36 *!--- This sent acknowledgement states that CRCX sequence !--- 36 was executed normally.* I: 1F *!--- The connection identification number is 1F. !--- **Note:** This is for the called leg of the second call.* v=0 *!--- The SDP version is 0.* o=- 2 0 IN IP4 13.200.2.6 *!--- The origin (o) field indicates that no user IDs are used via*

	(-). !--- The session ID is 2 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 source address of 13.200.2.6 !--- is also specified. s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.6 *!--- The connection data (c) field specifies an Internet (IN) !--- IP version 4 source address of 13.200.2.6.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for this !--- call instance. When both start and stop are 0, the !--- call is considered permanent.* m=audio 16390 RTP/AVP 0 *!--- The SDP media description (m) specifies a media type of audio, !--- destination UDP port 16390 for voice-bearer traffic, and RTP !--- encapsulation using AVP with RTP payload type of 0.*
MSG	MGCP Packet received - RQNT 38 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 R: L/hu(N),L/hf(N) S: L/wt
DECODIFIQUE	RQNT 38 *!--- The notification request message is sent from the call agent !--- to report the observed event. The sequence number is 38.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID (X) is 5.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) !--- immediately that an on-hook (hu) or hook flash (hf) !--- condition exists.* S: L/wt *!--- The call agent sends a signaling request (S) to have this !--- gateway use the line (L) package and play the call !--- waiting tone (wt).*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 38 OK
DECODIFIQUE	200 38 OK *!--- This sent acknowledgement states that RQNT sequence !--- 38 was executed normally.*
MSG	send_mgcp_msg, MGCP Packet sent ---> NTFY 174 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 O: L/hf
DECODIFIQUE	NTFY 174 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 174.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID is 5.* O: L/hf

	!--- The observed (O) event hook flash (hf) is detected with use of line (L) !--- package.
MSG	MGCP Packet received - 200 174 OK
DECODIFIQUE	200 174 OK *!--- The received acknowledgement states that NTFY sequence !--- 174 was executed normally.*
MSG	MGCP Packet received - RQNT 40 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 R: L/hu(N),L/hf(N) S:
DECODIFIQUE	RQNT 40 *!--- This is the notification request message sent from the call agent !--- to report the observed event. The sequence number is 40.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID (X) is 5.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) !--- immediately that an on-hook (hu) or hook flash (hf) !--- condition exists.* S: *!--- The call agent sends a signaling request (S) to have this !--- gateway signal nothing, which stops the playout of !--- the call waiting tone (wt).*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 40 OK
DECODIFIQUE	200 40 OK *!--- This sent acknowledgement states that RQNT sequence !--- 40 was executed normally.*
MSG	MGCP Packet received - MDCX 41 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 1D C: 2 M: inactive
DECODIFIQUE	MDCX 41 *!--- This is the modify connection (MDCX) message received !--- from the call agent. The sequence number is 41.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !---* ***Note:*** *This is the calling party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 1D *!--- The connection identification number is 1D. !---* ***Note:*** *This is for the calling leg of the first call.* C: 2 *!--- The call identification number (C) is 2. !---* ***Note:*** *This is NOT the callerid.* M: inactive *!--- The connection mode (M) is inactive, which tells the gateway !--- to neither send nor receive packets on this connection.*
MSG	send_mgcp_msg, MGCP Packet sent --->

	200 41 OK
DECODIFIQUE	200 41 OK *!--- This received acknowledgement states that MDCX sequence !--- 41 was executed normally.*
MSG	MGCP Packet received - MDCX 42 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 1F C: 3 M: sendrecv
DECODIFIQUE	MDCX 42 *!--- The modify connection (MDCX) message is received from the call agent. !--- The sequence number is 42.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the second called party.* MGCP 0.1 *!--- The MGCP version is 0.1.* . N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 1F *!--- The connection identification number is 1F. !--- **Note:** This is for the called leg of the second call.* C: 3 *!--- The call identification number (C) is 3. !--- **Note:** This is NOT the callerid.* M: sendrecv *!--- The connection mode (M) is a two-way send and receive at this point, !--- which allows full conversation.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 42 OK
DECODIFIQUE	200 42 OK *!--- This received acknowledgement states that MDCX sequence !--- 42 was executed normally.*
MSG	send_mgcp_msg, MGCP Packet sent ---> NTFY 175 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 5 O: L/hf
DECODIFIQUE	NTFY 175 *!--- The notify message is sent to the call agent to report !--- the observed event. The notify sequence number is 175.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID is 5.* O: L/hf *!--- The observed event (O) hook flash (hf) is detected with use of line (L) !--- package.*
MSG	MGCP Packet received - 200 175 OK
DECODIFIQUE	200 175 OK *!--- This received acknowledgement states that NTFY sequence !--- 175 was executed normally.*
MSG	MGCP Packet received - RQNT 45 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427

	X: 5 R: L/hu(N),L/hf(N) S:
DECODIFIQUE	RQNT 45 *!--- The notification request message is sent from the call agent to !--- report the observed event. The sequence number is 45.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 5 *!--- The request ID (X) is 5.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) or hook flash (hf) condition exists.* S: *!--- The call agent sends a signaling request (S) to have this !--- gateway signal nothing to the endpoint.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 45 OK
DECODIFIQUE	200 45 OK *!--- This sent acknowledgement states that RQNT sequence !--- 45 was executed normally.*
MSG	MGCP Packet received - MDCX 46 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 1F C: 3 M: inactive
DECODIFIQUE	MDCX 46 *!--- The modify connection (MDCX) message is received from the call agent. !--- The sequence number is 46.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the called party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 1F *!--- The connection identification number is 1F. !--- **Note:** This is for the called leg of the second call.* C: 3 *!--- The call identification number (C) is 3. !--- **Note:** This is NOT the callerid.* M: inactive *!--- The connection mode (M) is inactive, which tells the gateway to neither !--- send nor receive packets on this connection.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 46 OK
DECODIFIQUE	200 46 OK *!--- This received acknowledgement states that MDCX sequence !--- 46 was executed normally.*
MSG	MGCP Packet received - MDCX 47 aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 1D C: 2 M: sendrecv
DECO	MDCX 47

DIFIQUE	*!--- The modify connection (MDCX) message is received from the call agent. !--- The sequence number is 47.* aaln/S1/SU0/0@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the first calling party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 1D *!--- The connection identification number is 1D. !--- **Note:** This is for the calling leg of the first call.* C: 2 *!--- The call identification number (C) is 2. !--- **Note:** This is NOT the callerid.* M: sendrecv *!--- The connection mode (M) is a two-way send and receive at this !--- point, which allows full conversation.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 47 OK
DECO DIFIQUE	200 47 OK *!--- The received acknowledgement states that MDCX sequence !--- 47 was executed normally.*

MSG	send_mgcp_msg, MGCP Packet sent --->
NTFY 86 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com
MGCP 0.1
N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427
X: 8
O: D/4720001
DECO DIFIQUE	NTFY 86
!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 86.
aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 8 *!--- The request ID is 8.* O: D/4720001 *!--- The observed event (O) dialed digits (472-0001) is detected with use of !--- the DTMF (D) package.*
MSG	MGCP Packet received -
200 86 OK
DECO DIFIQUE	200 86 OK
!--- This received acknowledgement states that NTFY sequence !--- 86 was executed normally.
MSG	MGCP Packet received -
RQNT 34 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com
MGCP 0.1
N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427
X: 8
R: L/hu(N)
DECO DIFIQUE	RQNT 34
!--- This is the notification request message sent from the call agent !--- to report the observed event. The sequence number is 34.
aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 8 *!--- The request ID is 8.* R:

	L/hu(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) event occurs.*
MSG	send_mgcp_msg, MGCP Packet sent --->\n200 34 OK
DECODIFIQUE	200 34 OK\n*!--- This sent acknowledgement states that RQNT sequence !--- 34 was executed normally.*
MSG	MGCP Packet received -\nCRCX 35 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com\nMGCP 0.1\nN: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427\nC: 3\nL: p:10-20, a:PCMU;PCMA;G726-32, e:off,\ns:off, t:a0\nM: recvonly
DECODIFIQUE	CRCX 35\n*!--- The create connection (CRCX) message is received from the call agent. !--- The sequence number is 35.* aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the calling party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* C: 3 *!--- The call identification number (C) is 3. !--- **Note:** This is NOT the callerid.* L: p:10-20 ! *!--- This local connection option (L) requests a packetization !--- period (p) of 10 or 20 milliseconds.* a:PCMU;PCMA;G726-32, *!--- The compression algorithm (a) options are: u-law pulse code modulation (PCM), !--- a-law,PCM, or 32 kbps G.726.* e:off, s:off, *!--- The call agent has set both echo cancellation (e) and silence !--- suppression (s), also known as VAD, to disabled.* t:a0 *!--- The IP header type of service (t) byte for this call is !--- hexadecimal a0, which indicates IP precedence of 5 and !--- minimized delay.* M: recvonly *!--- The connection mode (M) is a one-way receive at this point, until !--- the called party answers.*
MSG	send_mgcp_msg, MGCP Packet sent --->\n200 35\nI: 11\nv=0\no=- 3 0 IN IP4 13.200.2.7\ns=Cisco SDP 0\nc=IN IP4 13.200.2.7\nt=0 0\nm=audio 16388 RTP/AVP 0 8
DECODIFIQUE	200 35\n*!--- This sent acknowledgement states that CRCX sequence !--- 36 was executed normally.* I: 11 *!--- The connection identification number is 11.* v=0 *!--- The session description protocol (SDP) version is 0.* o=- 3 0 IN IP4 13.200.2.7 *!--- The origin (o) field indicates that no user IDs are used via (-). !--- The session ID is 3 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 source*

	address of !--- 13.200.2.7 is also specified. s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.7 *!--- The connection data (c) field specifies an Internet (IN) !--- IP version 4 source address of 13.200.2.7.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for this !--- call instance. When both start and stop are 0, the call !--- is considered permanent.* m=audio 16388 RTP/AVP 0 8 *!--- The SDP media description (m) specifies a media type of audio, !--- destination User Datagram Protocol (UDP) port 16388 for voice-bearer traffic, !--- and Real-Time Transport Protocol (RTP) encapsulation using !--- audio video profile (AVP) with RTP payload type of 0 or 8.*
MSG	MGCP Packet received - MDCX 37 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 11 C: 3 M: recvonly v=0 o=- 2 0 IN IP4 13.200.2.6 s=Cisco SDP 0 c=IN IP4 13.200.2.6 t=0 0 m=audio 16390 RTP/AVP 0
DECODIFIQUE	MDCX 37 *!--- This modify connection (MDCX) message is received from the call agent. !--- The sequence number is 37.* aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID. !--- **Note:** This is the calling party.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 11 *!--- The connection identification number is 11. !--- **Note:** This is for the calling leg.* C: 3 *!--- The call identification number (C) is 3. !--- **Note:** This is the calling party.* M: recvonly *!--- The connection mode (M) is a one-way receive at this point, !--- until the called party answers.* v=0 *!--- The SDP version is 0.* o=- 2 0 IN IP4 13.200.2.6 *!--- The origin (o) field indicates that no user IDs are used via (-). !--- The session ID is 2 and the version of this announcement is 0. !--- An Internet (IN) IP version 4 destination address of !--- 13.200.2.6 is also specified.* s=Cisco SDP 0 *!--- The session name (s) is "Cisco SDP 0".* c=IN IP4 13.200.2.6 *!--- The connection data (c) field specifies an Internet (IN) !--- IP version 4 destination address of 13.200.2.6.* t=0 0 *!--- The (t) represents the start (0) and stop (0) times for !--- this call instance. When both start and stop are 0, !--- the call is considered permanent.* m=audio 16390 RTP/AVP 0 *!--- The SDP media description (m) specifies a media type of audio, !--- destination UDP port 16390 for voice-bearer traffic, and !---*

	RTP encapsulation using AVP with RTP payload type of 0.
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 37 OK
DECODIFIQUE	200 37 OK *!--- This received acknowledgement states that MDCX sequence !--- 37 was executed normally.*
MSG	MGCP Packet received - RQNT 39 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 8 R: L/hu(N) S: G/rt
DECODIFIQUE	RQNT 39 *!--- This is the notification request message sent from the call agent !--- to report the observed event. The sequence number is 39.* aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 8 *!--- The request ID is 8.* R: L/hu(N) *!--- The call agent requests (R) to be notified (N) !--- immediately that an on-hook (hu) condition exists.* S: G/rt *!--- The call agent sends a signaling request (S) to have this !--- gateway use the generic (G) package and generate a ring-back tone.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 39 OK
DECODIFIQUE	200 39 OK *!--- This sent acknowledgement states that RQNT sequence !--- 39 was executed normally.*
MSG	MGCP Packet received - MDCX 43 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 I: 11 C: 3 M: sendrecv
DECODIFIQUE	MDCX 43 *!--- This modify connection (MDCX) message is received from !--- the call agent. The sequence number is 43.* aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* I: 11 *!--- The connection identification number is 11.* C: 3 *!--- The call identification number (C) is 3. !--- **Note:** This is NOT the callerid.* M: sendrecv *!--- The connection mode (M) is a two-way send and receive at this point, !--- which allows full conversation.*
MSG	send_mgcp_msg, MGCP Packet sent ---> 200 43 OK
DECO	200 43 OK *!--- This received acknowledgement states that*

DIFIQUE	*MDCX sequence !--- 43 was executed normally.*
MSG	MGCP Packet received - RQNT 44 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com MGCP 0.1 N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 X: 8 R: L/hu(N),L/hf(N) S:
DECO DIFIQUE	RQNT 44 *!--- This is the notification request message sent from the call agent to !--- report the observed event. The sequence number is 44.* aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 8 *!--- This request ID (X) is 8.* R: L/hu(N),L/hf(N) *!--- The call agent requests (R) to be notified (N) immediately !--- that an on-hook (hu) or hook flash (hf) condition exists.* S: *!--- The call agent sends a signaling request (S) to have this !--- gateway signal nothing, which stops the playout of !--- the ring-back tone (rt).*
MSG	send_mgcp_msg, MGCP Packet sent --->
200 44 OK
DECO DIFIQUE	200 44 OK *!--- This sent acknowledgement states that RQNT sequence !--- 44 was executed normally.*
MSG	send_mgcp_msg, MGCP Packet sent --->
NTFY 87 aaln/S1/SU0/1@opt0-2611-2.ss.cisco.com
MGCP 0.1
N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427
X: 8
O: L/hu
DECO DIFIQUE	NTFY 87 *!--- This is the notify message sent to the call agent to report !--- the observed event. The notify sequence number is 87.* aaln/S1/SU0/1@opt0-2611-1.ss.cisco.com *!--- This is the MGCP endpoint ID.* MGCP 0.1 *!--- The MGCP version is 0.1.* N: mgcp.ss-rtp-opt0CA.ss.cisco.com:2427 *!--- This is the notified entity ID with destination port number.* X: 8 *!--- The request ID is 8.* O: L/hd *!--- The observed event (O) off-hook (hd) is detected with use of !--- line (L) package.*
MSG	MGCP Packet received - 200 87 OK
DECO DIFIQUE	200 87 OK *!--- This received acknowledgement states that NTFY sequence !--- 87 was executed normally.*

Información Relacionada

- Cómo configurar el MGCP con el Digital PRI y el CallManager de Cisco

- Soporte de tecnología de voz
- Soporte de Productos de Voice and Unified Communications
- Troubleshooting de Cisco IP Telephony
- Soporte Técnico y Documentación - Cisco Systems