

# Publish HangUp Event in Rabbit MQ

## 1. Add / Create amqp.conf.xml file

- change IP, username, password and port of RabbitMq Accordingly

/freeswitch/config/autoload\_configs/amqp.conf.xml

```
<configuration name="amqp.conf" description="mod_amqp">
    <producers>
        <profile name="hangup">
            <connections>
                <connection name="primary">
                    <param name="hostname" value="10.30.40.77"/>
                    <param name="virtualhost" value="/" />
                    <param name="username" value="admin"/>
                    <param name="password" value="Rabbit@1234"/>
                    <param name="port" value="5672"/>
                    <param name="heartbeat" value="0"/>
                </connection>
            </connections>
            <params>
                <param name="exchange-name" value="freeswitch.hangup"/>
                <param name="exchange-type" value="fanout"/>
                <param name="reconnect_interval_ms" value="1000"/>
                <param name="send_queue_size" value="5000"/>

                <!-- Listen for channel hangup complete events -->
                <param name="event_filter"
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value="SWITCH_EVENT_CHANNEL_HANGUP_COMPLETE"/>

                <!-- Simple message format -->
                <param name="format_fields" value="#CallEnded"/>
            </params>
        </profile>
    </producers>
</configuration>
```

## 2. Add the below lines in modules.conf.xml if not present

/freeswitch/config/autoload\_configs/modules.conf.xml

```
<load module="mod_amqp"/>
<load module="mod_amqp_cdr"/>
```

Payload sent to RabbitMq

## 1. Call Originated from Twinkle Outbound Call

```
{  
    "Event-Name": "CHANNEL_HANGUP_COMPLETE",  
    "Core-UUID": "897e7358-4598-4210-a3e3-745f96903647",  
    "FreeSWITCH-Hostname": "OL03LTL-GNR0092",  
    "FreeSWITCH-Switchname": "OL03LTL-GNR0092",  
    "FreeSWITCH-IPv4": "10.30.40.77",  
    "FreeSWITCH-IPv6": "::1",  
    "Event-Date-Local": "2025-11-13 16:28:24",  
    "Event-Date-GMT": "Thu, 13 Nov 2025 10:58:24 GMT",  
    "Event-Date-Timestamp": "1763031504077319",  
    "Event-Calling-File": "switch_core_state_machine.c",  
    "Event-Calling-Function": "switch_core_session_reporting_state",  
    "Event-Calling-Line-Number": "943",  
    "Event-Sequence": "797",  
    "Hangup-Cause": "ORIGINATOR_CANCEL",  
    "Channel-State": "CS_REPORTING",  
    "Channel-Call-State": "HANGUP",  
    "Channel-State-Number": "11",  
    "Channel-Name": "sofia/internal/1003@10.30.40.77:5070",  
    "Unique-ID": "a4670a4d-cac6-4022-9f97-7ff77cfb9ee4",  
    "Call-Direction": "outbound",  
    "Presence-Call-Direction": "outbound",  
    "Channel-HIT-Dialplan": "false",  
    "Channel-Presence-ID": "1003@10.30.40.77",  
    "Channel-Call-UUID": "4ad66e9b-f250-411d-98d7-476f9711bb25",  
    "Answer-State": "hangup",  
    "Caller-Direction": "outbound",  
    "Caller-Logical-Direction": "outbound",  
    "Caller-Username": "1001",  
    "Caller-Dialplan": "XML",  
    "Caller-Caller-ID-Name": "1001",  
    "Caller-Caller-ID-Number": "1001",  
    "Caller-Orig-Caller-ID-Name": "1001",  
    "Caller-Orig-Caller-ID-Number": "1001",  
    "Caller-Callee-ID-Name": "Outbound Call",  
    "Caller-Callee-ID-Number": "1003",  
    "Caller-Network-Addr": "10.30.40.77",  
    "Caller-ANI": "1001",  
    "Caller-Destination-Number": "1003",  
    "Caller-Unique-ID": "a4670a4d-cac6-4022-9f97-7ff77cfb9ee4",  
    "Caller-Source": "mod_sofia",  
    "Caller-Context": "default",  
    "Caller-RDNIS": "1003",  
    "Caller-Channel-Name": "sofia/internal/1003@10.30.40.77:5070",  
    "Caller-Profile-Index": "1",  
    "Caller-Profile-Created-Time": "1763031502257319",  
    "Caller-Channel-Created-Time": "1763031502257319",  
    "Caller-Channel-Answered-Time": "0",  
    "Caller-Channel-Progress-Time": "1763031502277314",  
}
```

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"Caller-Channel-Progress-Media-Time": "0",  
"Caller-Channel-Hangup-Time": "1763031504077319",  
"Caller-Channel-Transfer-Time": "0",  
"Caller-Channel-Resurrect-Time": "0",  
"Caller-Channel-Bridged-Time": "0",  
"Caller-Channel-Last-Hold": "0",  
"Caller-Channel-Hold-Accum": "0",  
"Caller-Screen-Bit": "true",  
"Caller-Privacy-Hide-Name": "false",  
"Caller-Privacy-Hide-Number": "false",  
"Other-Type": "originator",  
"Other-Leg-Direction": "inbound",  
"Other-Leg-Logical-Direction": "inbound",  
"Other-Leg-Username": "1001",  
"Other-Leg-Dialplan": "XML",  
"Other-Leg-Caller-ID-Name": "1001",  
"Other-Leg-Caller-ID-Number": "1001",  
"Other-Leg-Orig-Caller-ID-Name": "1001",  
"Other-Leg-Orig-Caller-ID-Number": "1001",  
"Other-Leg-Network-Addr": "10.30.40.77",  
"Other-Leg-ANI": "1001",  
"Other-Leg-Destination-Number": "1003",  
"Other-Leg-Unique-ID": "4ad66e9b-f250-411d-98d7-476f9711bb25",  
"Other-Leg-Source": "mod\_sofia",  
"Other-Leg-Context": "default",  
"Other-Leg-RDNIS": "1003",  
"Other-Leg-Channel-Name": "sofia/internal/1001@10.30.40.77",  
"Other-Leg-Profile-Created-Time": "0",  
"Other-Leg-Channel-Created-Time": "0",  
"Other-Leg-Channel-Answered-Time": "0",  
"Other-Leg-Channel-Progress-Time": "1763031502277314",  
"Other-Leg-Channel-Progress-Media-Time": "0",  
"Other-Leg-Channel-Hangup-Time": "0",  
"Other-Leg-Channel-Transfer-Time": "0",  
"Other-Leg-Channel-Resurrect-Time": "0",  
"Other-Leg-Channel-Bridged-Time": "0",  
"Other-Leg-Channel-Last-Hold": "0",  
"Other-Leg-Channel-Hold-Accum": "0",  
"Other-Leg-Screen-Bit": "true",  
"Other-Leg-Privacy-Hide-Name": "false",  
"Other-Leg-Privacy-Hide-Number": "false",  
"variable\_direction": "outbound",  
"variable\_is\_outbound": "true",  
"variable\_uuid": "a4670a4d-cac6-4022-9f97-7ff77cfb9ee4",  
"variable\_session\_id": "4",  
"variable\_sip\_profile\_name": "internal",  
"variable\_text\_media\_flow": "disabled",  
"variable\_channel\_name": "sofia/internal/1003@10.30.40.77:5070",  
"variable\_sip\_destination\_url": "sip:1003@10.30.40.77:5070",  
"variable\_max\_forwards": "68",  
"variable\_originator\_codec":  
"CORE\_PCM\_MODULE.PCMA@8000h@20i@64000b, CORE\_PCM\_MODULE.PCMU@8000h@20i@64  
000b",

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```
"variable_originator": "4ad66e9b-f250-411d-98d7-476f9711bb25",
"variable_signal_bond": "4ad66e9b-f250-411d-98d7-476f9711bb25",
"variable_switch_m_sdp": "v=0\r\no=twinkle 1517167409 261850691 IN IP4
10.30.40.77\r\ns=-\r\nnc=IN IP4 10.30.40.77\r\nnt=0 0\r\nnm=audio 8000
RTP/AVP 98 97 8 0 3 101\r\na=rtpmap:98 speex/16000\r\na=rtpmap:97
speex/8000\r\na=rtpmap:8 PCMA/8000\r\na=rtpmap:0 PCMU/8000\r\na=rtpmap:3
GSM/8000\r\na=rtpmap:101 telephone-event/8000\r\na=fmtp:101 0-
15\r\na=ptime:20\r\nn",
"variable_call_uuid": "4ad66e9b-f250-411d-98d7-476f9711bb25",
"variable_dialed_user": "1003",
"variable_dialed_domain": "10.30.40.77",
"variable_export_vars":
"RFC2822_DATE,cdr_include_all_variables,RFC2822_DATE,dialed_extension",
"variable_cdr_include_all_variables": "true",
"variable_RFC2822_DATE": "Thu, 13 Nov 2025 16:28:22 +0530",
"variable_dialed_extension": "1003",
"variable_sip_invite_domain": "10.30.40.77",
"variable_presence_id": "1003@10.30.40.77",
"variable_originate_early_media": "true",
"variable_originating_leg_uuid": "4ad66e9b-f250-411d-98d7-
476f9711bb25",
"variable_originate_endpoint": "sofia",
"variable_rtp_use_codec_string":
"CORE_PCM_MODULE.PCMA@8000h@20i@64000b, CORE_PCM_MODULE.PCMU@8000h@20i@64
000b",
"variable_local_media_ip": "10.30.40.77",
"variable_local_media_port": "27374",
"variable_advertised_media_ip": "10.30.40.77",
"variable_audio_media_flow": "sendrecv",
"variable_video_media_flow": "sendrecv",
"variable_rtp_local_sdp_str": "v=0\r\no=FreeSWITCH 1763004128
1763004129 IN IP4 10.30.40.77\r\ns=FreeSWITCH\r\nnc=IN IP4
10.30.40.77\r\nnt=0 0\r\nnm=audio 27374 RTP/AVP 8 0 101\r\na=rtpmap:8
PCMA/8000\r\na=rtpmap:0 PCMU/8000\r\na=rtpmap:101 telephone-
event/8000\r\na=fmtp:101 0-15\r\na=ptime:20\r\na=sendrecv\r\nn",
"variable_sip_outgoing_contact_uri": "
<sip:mod_sofia@27.107.1.210:5060>",
"variable_sip_req_uri": "1003@10.30.40.77:5070",
"variable_sofia_profile_name": "internal",
"variable_recovery_profile_name": "internal",
"variable_sofia_profile_url": "sip:mod_sofia@27.107.1.210:5060",
"variable_sip_local_network_addr": "27.107.1.210",
"variable_sip_reply_host": "10.30.40.77",
"variable_sip_reply_port": "5070",
"variable_sip_network_ip": "10.30.40.77",
"variable_sip_network_port": "5070",
"variable_sip_user_agent": "Twinkle/1.10.2",
"variable_sip_recover_contact": "<sip:1003@10.30.40.77:5070>",
"variable_sip_full_via": "SIP/2.0/UDP
27.107.1.210;received=10.30.40.77;rport=5060;branch=z9hG4bKDmXy4KmeU33yF
",
"variable_sip_recover_via": "SIP/2.0/UDP
27.107.1.210;received=10.30.40.77;rport=5060;branch=z9hG4bKDmXy4KmeU33yF
```

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",  
    "variable\_sip\_from\_display": "1001",  
    "variable\_sip\_full\_from": "\"1001\""  
<sip:1001@10.30.40.77>;tag=mKN6FKF9yDtja",  
    "variable\_sip\_full\_to": "<sip:1003@10.30.40.77:5070>;tag=ihyjq",  
    "variable\_sip\_from\_user": "1001",  
    "variable\_sip\_from\_uri": "1001@10.30.40.77",  
    "variable\_sip\_from\_host": "10.30.40.77",  
    "variable\_sip\_to\_user": "1003",  
    "variable\_sip\_to\_port": "5070",  
    "variable\_sip\_to\_uri": "1003@10.30.40.77:5070",  
    "variable\_sip\_to\_host": "10.30.40.77",  
    "variable\_sip\_contact\_user": "1003",  
    "variable\_sip\_contact\_port": "5070",  
    "variable\_sip\_contact\_uri": "1003@10.30.40.77:5070",  
    "variable\_sip\_contact\_host": "10.30.40.77",  
    "variable\_sip\_to\_tag": "ihyjq",  
    "variable\_sip\_from\_tag": "mKN6FKF9yDtja",  
    "variable\_sip\_cseq": "106961959",  
    "variable\_sip\_call\_id": "83155871-3b22-123f-40b4-d0ad08a61780",  
    "variable\_sip\_hangup\_phrase": "Request Terminated",  
    "variable\_last\_bridge\_hangup\_cause": "ORIGINATOR\_CANCEL",  
    "variable\_last\_bridge\_proto\_specific\_hangup\_cause": "sip:487",  
    "variable\_hangup\_cause": "ORIGINATOR\_CANCEL",  
    "variable\_hangup\_cause\_q850": "16",  
    "variable\_digits\_dialed": "none",  
    "variable\_start\_stamp": "2025-11-13 16:28:22",  
    "variable\_profile\_start\_stamp": "2025-11-13 16:28:22",  
    "variable\_progress\_stamp": "2025-11-13 16:28:22",  
    "variable\_end\_stamp": "2025-11-13 16:28:24",  
    "variable\_start\_epoch": "1763031502",  
    "variable\_start\_uepoch": "1763031502257319",  
    "variable\_profile\_start\_epoch": "1763031502",  
    "variable\_profile\_start\_uepoch": "1763031502257319",  
    "variable\_answer\_epoch": "0",  
    "variable\_answer\_uepoch": "0",  
    "variable\_bridge\_epoch": "0",  
    "variable\_bridge\_uepoch": "0",  
    "variable\_last\_hold\_epoch": "0",  
    "variable\_last\_hold\_uepoch": "0",  
    "variable\_hold\_accum\_seconds": "0",  
    "variable\_hold\_accum\_usec": "0",  
    "variable\_hold\_accum\_ms": "0",  
    "variable\_resurrect\_epoch": "0",  
    "variable\_resurrect\_uepoch": "0",  
    "variable\_progress\_epoch": "1763031502",  
    "variable\_progress\_uepoch": "1763031502277314",  
    "variable\_progress\_media\_epoch": "0",  
    "variable\_progress\_media\_uepoch": "0",  
    "variable\_end\_epoch": "1763031504",  
    "variable\_end\_uepoch": "1763031504077319",  
    "variable\_caller\_id": "\"1001\" <1001>",  
    "variable\_duration": "2",  
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```

"variable_billsec": "0",
"variable_progresssec": "0",
"variable_answersec": "0",
"variable_waitsec": "0",
"variable_progress_mediasec": "0",
"variable_flow_billsec": "0",
"variable_mduration": "1820",
"variable_billmsec": "0",
"variable_progressmsec": "20",
"variable_answermsec": "0",
"variable_waitmsec": "0",
"variable_progress_mediummsec": "0",
"variable_flow_billmsec": "0",
"variable_uduration": "1820000",
"variable_billusec": "0",
"variable_progressusec": "19995",
"variable_answerusec": "0",
"variable_waitusec": "0",
"variable_progress_mediausec": "0",
"variable_flow_billusec": "0",
"variable_sip_hangup_disposition": "send_cancel",
"variable_sip_invite_failure_status": "487",
"variable_sip_invite_failure_phrase": "CANCEL"
}

```

## 2. Call Originated from Twinkle Inbound Call

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```

{
"Event-Name": "CHANNEL_HANGUP_COMPLETE",
"Core-UUID": "897e7358-4598-4210-a3e3-745f96903647",
"FreeSWITCH-Hostname": "OL03LTL-GNR0092",
"FreeSWITCH-Switchname": "OL03LTL-GNR0092",
"FreeSWITCH-IPv4": "10.30.40.77",
"FreeSWITCH-IPv6": "::1",
"Event-Date-Local": "2025-11-13 16:28:24",
"Event-Date-GMT": "Thu, 13 Nov 2025 10:58:24 GMT",
"Event-Date-Timestamp": "1763031504077319",
"Event-Calling-File": "switch_core_state_machine.c",
"Event-Calling-Function": "switch_core_session_reporting_state",
"Event-Calling-Line-Number": "943",
"Event-Sequence": "802",
"Hangup-Cause": "ORIGINATOR_CANCEL",
"Channel-State": "CS_REPORTING",
"Channel-Call-State": "HANGUP",
"Channel-State-Number": "11",
"Channel-Name": "sofia/internal/1001@10.30.40.77",
"Unique-ID": "4ad66e9b-f250-411d-98d7-476f9711bb25",
"Call-Direction": "inbound",
"Presence-Call-Direction": "inbound",
"Channel-HIT-Dialplan": "true",
}

```

"Channel-Presence-ID": "1001@10.30.40.77",  
"Channel-Call-UUID": "4ad66e9b-f250-411d-98d7-476f9711bb25",  
"Answer-State": "hangup",  
"Channel-Read-Codec-Name": "PCMA",  
"Channel-Read-Codec-Rate": "8000",  
"Channel-Read-Codec-Bit-Rate": "64000",  
"Channel-Write-Codec-Name": "PCMA",  
"Channel-Write-Codec-Rate": "8000",  
"Channel-Write-Codec-Bit-Rate": "64000",  
"Caller-Direction": "inbound",  
"Caller-Logical-Direction": "inbound",  
"Caller-Username": "1001",  
"Caller-Dialplan": "XML",  
"Caller-Caller-ID-Name": "1001",  
"Caller-Caller-ID-Number": "1001",  
"Caller-Orig-Caller-ID-Name": "1001",  
"Caller-Orig-Caller-ID-Number": "1001",  
"Caller-Network-Addr": "10.30.40.77",  
"Caller-ANI": "1001",  
"Caller-Destination-Number": "1003",  
"Caller-Unique-ID": "4ad66e9b-f250-411d-98d7-476f9711bb25",  
"Caller-Source": "mod\_sofia",  
"Caller-Transfer-Source": "1763031492:171334a9-a890-4dd9-a1fb-473b91494dc1:bl\_xfer:1003/default/XML",  
"Caller-Context": "default",  
"Caller-RDNIS": "1003",  
"Caller-Channel-Name": "sofia/internal/1001@10.30.40.77",  
"Caller-Profile-Index": "2",  
"Caller-Profile-Created-Time": "1763031492237294",  
"Caller-Channel-Created-Time": "1763031492237294",  
"Caller-Channel-Answered-Time": "0",  
"Caller-Channel-Progress-Time": "1763031502277314",  
"Caller-Channel-Progress-Media-Time": "1763031502297295",  
"Caller-Channel-Hangup-Time": "1763031504077319",  
"Caller-Channel-Transfer-Time": "0",  
"Caller-Channel-Resurrect-Time": "0",  
"Caller-Channel-Bridged-Time": "0",  
"Caller-Channel-Last-Hold": "0",  
"Caller-Channel-Hold-Accum": "0",  
"Caller-Screen-Bit": "true",  
"Caller-Privacy-Hide-Name": "false",  
"Caller-Privacy-Hide-Number": "false",  
"variable\_direction": "inbound",  
"variable\_uuid": "4ad66e9b-f250-411d-98d7-476f9711bb25",  
"variable\_session\_id": "3",  
"variable\_sip\_from\_user": "1001",  
"variable\_sip\_from\_uri": "1001@10.30.40.77",  
"variable\_sip\_from\_host": "10.30.40.77",  
"variable\_video\_media\_flow": "disabled",  
"variable\_text\_media\_flow": "disabled",  
"variable\_channel\_name": "sofia/internal/1001@10.30.40.77",  
"variable\_sip\_call\_id": "qhlzidwbmnacyco@OL03LTL-GNR0092",  
"variable\_sip\_local\_network\_addr": "27.107.1.210",  
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```
"variable_sip_network_ip": "10.30.40.77",
"variable_sip_network_port": "5070",
"variable_sip_invite_stamp": "1763031492237294",
"variable_sip_received_ip": "10.30.40.77",
"variable_sip_received_port": "5070",
"variable_sip_via_protocol": "udp",
"variable_sipAuthorized": "true",
"variable_sip_acl_authenticated_by": "domains",
"variable_sip_from_user_stripped": "1001",
"variable_sip_from_tag": "ytwgg",
"variable_sofia_profile_name": "internal",
"variable_sofia_profile_url": "sip:mod_sofia@27.107.1.210:5060",
"variable_recovery_profile_name": "internal",
"variable_sip_full_via": "SIP/2.0/UDP
10.30.40.77:5070;rport=5070;branch=z9hG4bKhylujnrp",
"variable_sip_from_display": "1001",
"variable_sip_full_from": "\"1001\" <sip:1001@10.30.40.77>;tag=ytwgg",
"variable_sip_full_to": "<sip:1003@10.30.40.77>",
"variable_sip_allow": "INVITE, ACK, BYE, CANCEL, OPTIONS, PRACK,
REFER, NOTIFY, SUBSCRIBE, INFO, MESSAGE",
"variable_sip_req_user": "1003",
"variable_sip_req_uri": "1003@10.30.40.77",
"variable_sip_req_host": "10.30.40.77",
"variable_sip_to_user": "1003",
"variable_sip_to_uri": "1003@10.30.40.77",
"variable_sip_to_host": "10.30.40.77",
"variable_sip_contact_user": "1001",
"variable_sip_contact_port": "5070",
"variable_sip_contact_uri": "1001@10.30.40.77:5070",
"variable_sip_contact_host": "10.30.40.77",
"variable_sip_user_agent": "Twinkle/1.10.2",
"variable_sip_via_host": "10.30.40.77",
"variable_sip_via_port": "5070",
"variable_sip_via_rport": "5070",
"variable_presence_id": "1001@10.30.40.77",
"variable_switch_r_sdp": "v=0\r\no=twinkle 1517167409 261850691 IN IP4
10.30.40.77\r\ns=-\r\nnc=IN IP4 10.30.40.77\r\nnt=0 0\r\nnm=audio 8000
RTP/AVP 98 97 8 0 3 101\r\nna=rtpmap:98 speex/16000\r\nna=rtpmap:97
speex/8000\r\nna=rtpmap:8 PCMA/8000\r\nna=rtpmap:0 PCMU/8000\r\nna=rtpmap:3
GSM/8000\r\nna=rtpmap:101 telephone-event/8000\r\nna=fmtp:101 0-
15\r\nna=ptime:20\r\n",
"variable_ep_codec_string":
"CORE_PCM_MODULE.PCMA@8000h@20i@64000b, CORE_PCM_MODULE.PCMU@8000h@20i@64
000b",
"variable_outside_call": "true",
"variable_max_forwards": "69",
"variable_transfer_history": "1763031492:171334a9-a890-4dd9-a1fb-
473b91494dc1:bl_xfer:1003/default/XML",
"variable_transfer_source": "1763031492:171334a9-a890-4dd9-a1fb-
473b91494dc1:bl_xfer:1003/default/XML",
"variable_DP_MATCH": [
    "1003",
    "1003"

```

```
],
"variable_call_uuid": "4ad66e9b-f250-411d-98d7-476f9711bb25",
"variable_cdr_enable": "true",
"variable_cdr_include_all_variables": "true",
"variable_open": "true",
"variable_RFC2822_DATE": "Thu, 13 Nov 2025 16:28:22 +0530",
"variable_dialed_extension": "1003",
"variable_export_vars":
"RFC2822_DATE,cdr_include_all_variables,RFC2822_DATE,dialed_extension",
"variable_ringback": "%(2000,4000,440,480)",
"variable_transfer_ringback": "local_stream://moh",
"variable_call_timeout": "30",
"variable_hangup_after_bridge": "true",
"variable_continue_on_fail": "true",
"variable_called_party_callgroup": "techsupport",
"variable_current_application_data": "user/1003@10.30.40.77",
"variable_current_application": "bridge",
"variable_dialed_user": "1003",
"variable_dialed_domain": "10.30.40.77",
"variable_originate_signal_bond": "a4670a4d-cac6-4022-9f97-7ff77cfb9ee4",
"variable_originated_legs": "a4670a4d-cac6-4022-9f97-7ff77cfb9ee4;Outbound Call;1003",
"variable_rtp_use_codec_string": "OPUS,G722,PCMU,PCMA,H264,VP8",
"variable_remote_video_media_flow": "inactive",
"variable_remote_text_media_flow": "inactive",
"variable_remote_audio_media_flow": "sendrecv",
"variable_audio_media_flow": "sendrecv",
"variable_rtp_audio_recv_pt": "8",
"variable_rtp_use_codec_name": "PCMA",
"variable_rtp_use_codec_rate": "8000",
"variable_rtp_use_codec_ptime": "20",
"variable_rtp_use_codec_channels": "1",
"variable_rtp_last_audio_codec_string": "PCMA@8000h@20i@1c",
"variable_original_read_codec": "PCMA",
"variable_original_read_rate": "8000",
"variable_write_codec": "PCMA",
"variable_write_rate": "8000",
"variable_dtmf_type": "rfc2833",
"variable_local_media_ip": "10.30.40.77",
"variable_local_media_port": "28920",
"variable_advertised_media_ip": "10.30.40.77",
"variable_rtp_use_timer_name": "soft",
"variable_rtp_use_pt": "8",
"variable_rtp_use_ssrc": "1696552796",
"variable_rtp_2833_send_payload": "101",
"variable_rtp_2833_recv_payload": "101",
"variable_remote_media_ip": "10.30.40.77",
"variable_remote_media_port": "8000",
"variable_endpoint_disposition": "EARLY MEDIA",
"variable_rtp_local_sdp_str": "v=0\r\nno=FreeSWITCH 1763002582
1763002583 IN IP4 10.30.40.77\r\nns=FreeSWITCH\r\nnc=IN IP4
10.30.40.77\r\nnt=0 0\r\nnm=audio 28920 RTP/AVP 8 101\r\nna=rtpmap:8
```

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PROF

PCMA/8000\r\nna=rtpmap:101 telephone-event/8000\r\nna=fmtcp:101 0-  
15\r\nna=ptime:20\r\nna=sendrecv\r\n

"variable\_sip\_hangup\_disposition": "recv\_cancel",  
"variable\_sip\_invite\_failure\_status": "487",  
"variable\_sip\_invite\_failure\_phrase": "CANCEL",  
"variable\_sip\_term\_status": "487",  
"variable\_proto\_specific\_hangup\_cause": "sip:487",  
"variable\_sip\_term\_cause": "487",  
"variable\_read\_codec": "PCMA",  
"variable\_read\_rate": "8000",  
"variable\_originate\_causes": "a4670a4d-cac6-4022-9f97-  
7ff77cfb9ee4;ORIGINATOR\_CANCEL",  
"variable\_originate\_disposition": "ORIGINATOR\_CANCEL",  
"variable\_DIALSTATUS": "CANCEL",  
"variable\_originate\_failed\_cause": "ORIGINATOR\_CANCEL",  
"variable\_hangup\_cause": "ORIGINATOR\_CANCEL",  
"variable\_hangup\_cause\_q850": "16",  
"variable\_digits\_dialed": "none",  
"variable\_start\_stamp": "2025-11-13 16:28:12",  
"variable\_profile\_start\_stamp": "2025-11-13 16:28:12",  
"variable\_progress\_stamp": "2025-11-13 16:28:22",  
"variable\_progress\_media\_stamp": "2025-11-13 16:28:22",  
"variable\_end\_stamp": "2025-11-13 16:28:24",  
"variable\_start\_epoch": "1763031492",  
"variable\_start\_ueepoch": "1763031492237294",  
"variable\_profile\_start\_epoch": "1763031492",  
"variable\_profile\_start\_ueepoch": "1763031492237294",  
"variable\_answer\_epoch": "0",  
"variable\_answer\_ueepoch": "0",  
"variable\_bridge\_epoch": "0",  
"variable\_bridge\_ueepoch": "0",  
"variable\_last\_hold\_epoch": "0",  
"variable\_last\_hold\_ueepoch": "0",  
"variable\_hold\_accum\_seconds": "0",  
"variable\_hold\_accum\_usec": "0",  
"variable\_hold\_accum\_ms": "0",  
"variable\_resurrect\_epoch": "0",  
"variable\_resurrect\_ueepoch": "0",  
"variable\_progress\_epoch": "1763031502",  
"variable\_progress\_ueepoch": "1763031502277314",  
"variable\_progress\_media\_epoch": "1763031502",  
"variable\_progress\_media\_ueepoch": "1763031502297295",  
"variable\_end\_epoch": "1763031504",  
"variable\_end\_ueepoch": "1763031504077319",  
"variable\_last\_app": "bridge",  
"variable\_last\_arg": "user/1003@10.30.40.77",  
"variable\_caller\_id": "\"1001\" <1001>",  
"variable\_duration": "12",  
"variable\_billsec": "0",  
"variable\_progresssec": "10",  
"variable\_answersec": "0",  
"variable\_waitsec": "0",  
"variable\_progress\_mediasec": "10",  
PROF

```

"variable_flow_billsec": "0",
"variable_mduration": "11840",
"variable_billmsec": "0",
"variable_progressmsec": "10040",
"variable_answermsec": "0",
"variable_waitmsec": "0",
"variable_progress_mediamsec": "10060",
"variable_flow_billmsec": "0",
"variable_uduration": "11840025",
"variable_billusec": "0",
"variable_progressusec": "10040020",
"variable_answerusec": "0",
"variable_waitusec": "0",
"variable_progress_mediausec": "10060001",
"variable_flow_billusec": "0",
"variable_rtp_audio_in_raw_bytes": "14104",
"variable_rtp_audio_in_media_bytes": "14104",
"variable_rtp_audio_in_packet_count": "82",
"variable_rtp_audio_in_media_packet_count": "82",
"variable_rtp_audio_in_skip_packet_count": "7",
"variable_rtp_audio_in_jitter_packet_count": "0",
"variable_rtp_audio_in_dtmf_packet_count": "0",
"variable_rtp_audio_in_cng_packet_count": "0",
"variable_rtp_audio_in_flush_packet_count": "0",
"variable_rtp_audio_in_largest_jb_size": "0",
"variable_rtp_audio_in_jitter_min_variance": "0.00",
"variable_rtp_audio_in_jitter_max_variance": "0.00",
"variable_rtp_audio_in_jitter_loss_rate": "0.00",
"variable_rtp_audio_in_jitter_burst_rate": "0.00",
"variable_rtp_audio_in_mean_interval": "20.00",
"variable_rtp_audio_in_flaw_total": "0",
"variable_rtp_audio_in_quality_percentage": "100.00",
"variable_rtp_audio_in_mos": "4.50",
"variable_rtp_audio_out_raw_bytes": "15136",
"variable_rtp_audio_out_media_bytes": "15136",
"variable_rtp_audio_out_packet_count": "88",
"variable_rtp_audio_out_media_packet_count": "88",
"variable_rtp_audio_out_skip_packet_count": "0",
"variable_rtp_audio_out_dtmf_packet_count": "0",
"variable_rtp_audio_out_cng_packet_count": "0",
"variable_rtp_audio_rtcp_packet_count": "0",
"variable_rtp_audio_rtcp_octet_count": "0"
}

PROF

```

### 3. Call Originated from freeswitch originate command

```
{
"Event-Name": "CHANNEL_HANGUP_COMPLETE",
"Core-UUID": "897e7358-4598-4210-a3e3-745f96903647",
"FreeSWITCH-Hostname": "OL03LTL-GNR0092",
```

```
"FreeSWITCH-Switchname": "OL03LTL-GNR0092",
"FreeSWITCH-IPv4": "10.30.40.77",
"FreeSWITCH-IPv6": "::1",
"Event-Date-Local": "2025-11-13 16:23:38",
"Event-Date-GMT": "Thu, 13 Nov 2025 10:53:38 GMT",
"Event-Date-Timestamp": "1763031218497314",
"Event-Calling-File": "switch_core_state_machine.c",
"Event-Calling-Function": "switch_core_session_reporting_state",
"Event-Calling-Line-Number": "943",
"Event-Sequence": "606",
"Hangup-Cause": "NORMAL_CLEARING",
"Channel-State": "CS_REPORTING",
"Channel-Call-State": "HANGUP",
"Channel-State-Number": "11",
"Channel-Name": "sofia/external/3868158407",
"Unique-ID": "86dc3bf6-fbbc-415d-bb41-6aba7f7ce113",
"Call-Direction": "outbound",
"Presence-Call-Direction": "outbound",
"Channel-HIT-Dialplan": "true",
"Channel-Call-UUID": "86dc3bf6-fbbc-415d-bb41-6aba7f7ce113",
"Answer-State": "hangup",
"Channel-Read-Codec-Name": "PCMU",
"Channel-Read-Codec-Rate": "8000",
"Channel-Read-Codec-Bit-Rate": "64000",
"Channel-Write-Codec-Name": "PCMU",
"Channel-Write-Codec-Rate": "8000",
"Channel-Write-Codec-Bit-Rate": "64000",
"Caller-Direction": "outbound",
"Caller-Logical-Direction": "outbound",
"Caller-Caller-ID-Name": "Outbound Call",
"Caller-Caller-ID-Number": "3868158407",
"Caller-Orig-Caller-ID-Name": "9111110001",
"Caller-Orig-Caller-ID-Number": "9111110001",
"Caller-Callee-ID-Name": "9111110001",
"Caller-Callee-ID-Number": "9111110001",
"Caller-Network-Addr": "10.30.40.77",
"Caller-ANI": "9111110001",
"Caller-Destination-Number": "3868158407",
"Caller-Unique-ID": "86dc3bf6-fbbc-415d-bb41-6aba7f7ce113",
"Caller-Source": "src/switch_ivr_originate.c",
"Caller-Context": "default",
"Caller-Channel-Name": "sofia/external/3868158407",
"Caller-Profile-Index": "1",
"Caller-Profile-Created-Time": "1763031211757307",
"Caller-Channel-Created-Time": "1763031211757307",
"Caller-Channel-Answered-Time": "1763031211757307",
"Caller-Channel-Progress-Time": "1763031211757307",
"Caller-Channel-Progress-Media-Time": "0",
"Caller-Channel-Hangup-Time": "1763031218497314",
"Caller-Channel-Transfer-Time": "0",
"Caller-Channel-Resurrect-Time": "0",
"Caller-Channel-Bridged-Time": "0",
"Caller-Channel-Last-Hold": "0",
```

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PROF

```
"Caller-Channel-Hold-Accum": "0",
"Caller-Screen-Bit": "true",
"Caller-Privacy-Hide-Name": "false",
"Caller-Privacy-Hide-Number": "false",
"variable_direction": "outbound",
"variable_is_outbound": "true",
"variable_uuid": "86dc3bf6-fbbc-415d-bb41-6aba7f7ce113",
"variable_session_id": "1",
"variable_sip_gateway_name": "sipptester",
"variable_sip_profile_name": "gateway",
"variable_text_media_flow": "disabled",
"variable_channel_name": "sofia/external/3868158407",
"variable_sip_destination_url": "sip:3868158407@10.30.40.77:15001",
"variable_sip_h_X-callId": "da1d8360-5612-4237-a387-bef6995995af",
"variable_sip_h_X-campaignId": "8111001",
"variable_sip_h_X-campaignInstanceId": "699d925d-f443-4f44-a03d-09472151f00e",
"variable_sip_h_X-responseQueueName": "CALL_EVENTS_campaign-service-0",
"variable_sip_h_X-campaignServiceId": "campaign-service-0",
"variable_sip_h_X-gateway": "sipptester",
"variable_sip_h_X-callServiceId": "call-service-1",
"variable_origination_caller_id_name": "9111110001",
"variable_origination_caller_id_number": "9111110001",
"variable_originate_early_media": "true",
"variable_originate_endpoint": "sofia",
"variable_audio_media_flow": "sendrecv",
"variable_local_video_ip": "10.30.40.77",
"variable_local_video_port": "21774",
"variable_video_media_flow": "sendrecv",
"variable_rtp_local_sdpr": "v=0\r\no=FreeSWITCH 1763008211
1763008212 IN IP4 10.30.40.77\r\ns=FreeSWITCH\r\nr\nnc=IN IP4
10.30.40.77\r\nnt=0 0\r\nm=audio 23000 RTP/AVP 102 9 0 8 104
101\r\nna=rtpmap:102 opus/48000/2\r\nna=fmtp:102 useinbandfec=1;
maxaveragebitrate=30000; maxplaybackrate=48000; ptim=20; minptime=10;
maxptim=40\r\nna=rtpmap:9 G722/8000\r\nna=rtpmap:0
PCMU/8000\r\nna=rtpmap:8 PCMA/8000\r\nna=rtpmap:104 telephone-
event/48000\r\nna=fmtp:104 0-15\r\nna=rtpmap:101 telephone-
event/8000\r\nna=fmtp:101 0-15\r\nna=ptim:20\r\nna=sendrecv\r\nm=video
21774 RTP/AVP 103\r\nnb=AS:3072\r\nna=rtpmap:103
VP8/90000\r\nna=sendrecv\r\nna=rtcp-fb:103 ccm fir\r\nna=rtcp-fb:103 ccm
tmmbr\r\nna=rtcp-fb:103 nack\r\nna=rtcp-fb:103 nack pli\r\n",
"variable_sip_outgoing_contact_uri": "
<sip:gw+sipptester@27.107.1.210:5080;transport=udp;gw=sipptester>",
"variable_sip_req_uri": "3868158407@10.30.40.77:15001",
"variable_sofia_profile_name": "external",
"variable_recovery_profile_name": "external",
"variable_sofia_profile_url": "sip:mod_sofia@27.107.1.210:5080",
"variable_sip_local_network_addr": "27.107.1.210",
"variable_sip_reply_host": "10.30.40.77",
"variable_sip_reply_port": "15001",
"variable_sip_network_ip": "10.30.40.77",
"variable_sip_network_port": "15001",
```

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PROF

```
"variable_sip_recover_contact": "<sip:127.0.1.1:15001;transport=UDP>",
"variable_sip_full_via": "SIP/2.0/UDP
27.107.1.210:5080;rport;branch=z9hG4bKa4pj5SXjD9tjB",
"variable_sip_recover_via": "SIP/2.0/UDP
27.107.1.210:5080;rport;branch=z9hG4bKa4pj5SXjD9tjB",
"variable_sip_from_display": "9111110001",
"variable_sip_full_from": "\"9111110001\""
<sip:FreeSWITCH@10.30.40.77:15001>;tag=aUpjggt1XvSBc",
"variable_sip_full_to": "
<sip:3868158407@10.30.40.77:15001>;tag=12704SIPpTag0115",
"variable_sip_from_user": "FreeSWITCH",
"variable_sip_from_port": "15001",
"variable_sip_from_uri": "FreeSWITCH@10.30.40.77:15001",
"variable_sip_from_host": "10.30.40.77",
"variable_sip_to_user": "3868158407",
"variable_sip_to_port": "15001",
"variable_sip_to_uri": "3868158407@10.30.40.77:15001",
"variable_sip_to_host": "10.30.40.77",
"variable_sip_contact_params": "transport=UDP",
"variable_sip_contact_user": "nobody",
"variable_sip_contact_port": "15001",
"variable_sip_contact_uri": "nobody@127.0.1.1:15001",
"variable_sip_contact_host": "127.0.1.1",
"variable_sip_to_tag": "12704SIPpTag0115",
"variable_sip_from_tag": "aUpjggt1XvSBc",
"variable_sip_cseq": "106961813",
"variable_sip_call_id": "d5ec2deb-3b21-123f-40b4-d0ad08a61780",
"variable_switch_r_sdp": "v=0\r\no=user1 53655765 2353687637 IN IP4
127.0.1.1\r\ns=-\r\nnc=IN IP4 127.0.1.1\r\nnt=0 0\r\nm=audio 6000 RTP/AVP
0\r\na=rtpmap:0 PCMU/8000\r\n",
"variable_ep_codec_string": "CORE_PCM_MODULE.PCMU@8000h@20i@64000b",
"variable_rtp_use_codec_string": "OPUS,G722,PCMU,PCMA,H264,VP8",
"variable_remote_video_media_flow": "inactive",
"variable_remote_text_media_flow": "inactive",
"variable_remote_audio_media_flow": "sendrecv",
"variable_rtp_audio_recv_pt": "0",
"variable_rtp_use_codec_name": "PCMU",
"variable_rtp_use_codec_rate": "8000",
"variable_rtp_use_codec_ptime": "20",
"variable_rtp_use_codec_channels": "1",
"variable_rtp_last_audio_codec_string": "PCMU@8000h@20i@1c",
"variable_read_codec": "PCMU",
"variable_original_read_codec": "PCMU",
"variable_read_rate": "8000",
"variable_original_read_rate": "8000",
"variable_write_codec": "PCMU",
"variable_write_rate": "8000",
"variable_dtmf_type": "rfc2833",
"variable_local_media_ip": "10.30.40.77",
"variable_local_media_port": "23000",
"variable_advertised_media_ip": "10.30.40.77",
"variable_rtp_use_timer_name": "soft",
"variable_rtp_use_pt": "0",
```

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PROF

```
"variable_rtp_use_ssrc": "3776405187",
"variable_rtp_2833_send_payload": "101",
"variable_rtp_2833_recv_payload": "101",
"variable_remote_media_ip": "127.0.1.1",
"variable_remote_media_port": "6000",
"variable_endpoint_disposition": "ANSWER",
"variable_pre_transfer_caller_id_name": "9111110001",
"variable_pre_transfer_caller_id_number": "9111110001",
"variable_channel_cid_flipped": "yes",
"variable_call_uuid": "86dc3bf6-fbbc-415d-bb41-6aba7f7ce113",
"variable_current_application_data":
"/usr/share/freeswitch/sounds/en/us/callie/ivr/8000/ivr-
you_are_number_one.wav",
"variable_current_application": "playback",
"variable_playback_last_offset_pos": "53794",
"variable_playback_seconds": "6",
"variable_playback_ms": "6724",
"variable_playback_samples": "53794",
"variable_current_application_response": "FILE PLAYED",
"variable_hangup_cause": "NORMAL_CLEARING",
"variable_hangup_cause_q850": "16",
"variable_digits_dialed": "none",
"variable_start_stamp": "2025-11-13 16:23:31",
"variable_profile_start_stamp": "2025-11-13 16:23:31",
"variable_answer_stamp": "2025-11-13 16:23:31",
"variable_progress_stamp": "2025-11-13 16:23:31",
"variable_end_stamp": "2025-11-13 16:23:38",
"variable_start_epoch": "1763031211",
"variable_start_uepoch": "1763031211757307",
"variable_profile_start_epoch": "1763031211",
"variable_profile_start_uepoch": "1763031211757307",
"variable_answer_epoch": "1763031211",
"variable_answer_uepoch": "1763031211757307",
"variable_bridge_epoch": "0",
"variable_bridge_uepoch": "0",
"variable_last_hold_epoch": "0",
"variable_last_hold_uepoch": "0",
"variable_hold_accum_seconds": "0",
"variable_hold_accum_usec": "0",
"variable_hold_accum_ms": "0",
"variable_resurrect_epoch": "0",
"variable_resurrect_uepoch": "0",
"variable_progress_epoch": "1763031211",
"variable_progress_uepoch": "1763031211757307",
"variable_progress_media_epoch": "0",
"variable_progress_media_uepoch": "0",
"variable_end_epoch": "1763031218",
"variable_end_uepoch": "1763031218497314",
"variable_last_app": "playback",
"variable_last_arg":
"/usr/share/freeswitch/sounds/en/us/callie/ivr/8000/ivr-
you_are_number_one.wav",
"variable_caller_id": "\"Outbound Call\" <3868158407>",

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PROF
```

```
"variable_duration": "7",
"variable_billsec": "7",
"variable_progresssec": "0",
"variable_answersec": "0",
"variable_waitsec": "0",
"variable_progress_mediasec": "0",
"variable_flow_billsec": "7",
"variable_mduration": "6740",
"variable_billmsec": "6740",
"variable_progressmsec": "0",
"variable_answermsec": "0",
"variable_waitmsec": "0",
"variable_progress_mediummsec": "0",
"variable_flow_billmsec": "6740",
"variable_uduration": "6740007",
"variable_billusec": "6740007",
"variable_progressusec": "0",
"variable_answerusec": "0",
"variable_waitusec": "0",
"variable_progress_mediausec": "0",
"variable_flow_billusec": "6740007",
"variable_sip_hangup_disposition": "send_bye",
"variable_rtp_audio_in_raw_bytes": "0",
"variable_rtp_audio_in_media_bytes": "0",
"variable_rtp_audio_in_packet_count": "0",
"variable_rtp_audio_in_media_packet_count": "0",
"variable_rtp_audio_in_skip_packet_count": "337",
"variable_rtp_audio_in_jitter_packet_count": "0",
"variable_rtp_audio_in_dtmf_packet_count": "0",
"variable_rtp_audio_in_cng_packet_count": "0",
"variable_rtp_audio_in_flush_packet_count": "0",
"variable_rtp_audio_in_largest_jb_size": "0",
"variable_rtp_audio_in_jitter_min_variance": "0.00",
"variable_rtp_audio_in_jitter_max_variance": "0.00",
"variable_rtp_audio_in_jitter_loss_rate": "0.00",
"variable_rtp_audio_in_jitter_burst_rate": "0.00",
"variable_rtp_audio_in_mean_interval": "0.00",
"variable_rtp_audio_in_flaw_total": "0",
"variable_rtp_audio_in_quality_percentage": "100.00",
"variable_rtp_audio_in_mos": "4.50",
"variable_rtp_audio_out_raw_bytes": "57964",
"variable_rtp_audio_out_media_bytes": "57964",
"variable_rtp_audio_out_packet_count": "337",
"variable_rtp_audio_out_media_packet_count": "337",
"variable_rtp_audio_out_skip_packet_count": "0",
"variable_rtp_audio_out_dtmf_packet_count": "0",
"variable_rtp_audio_out_cng_packet_count": "0",
"variable_rtp_audio_rtcp_packet_count": "0",
"variable_rtp_audio_rtcp_octet_count": "0"
}
```

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PROF