



Trace

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Trace

Trace is a lightweight extension of our [Homer SIP capture](#), a diagnostic tool used to both record and debug SIP and RTCP Media messages exchanged between endpoints on our network.

While the Trace tool does not contain the detail of the Homer Application, it is a useful application for engineers to identify basic [INVITE](#) request.

How use Trace

1. Select Tools > Trace.
2. Select Preferences

The screenshot shows the Trace tool interface. At the top, there is a search bar with the placeholder text "Search for 'from' or 'to' number" and a "Show registration" toggle. Below the search bar, there are buttons for "Last calls" with options: "LAST 30 MINS", "LAST HOUR", "LAST 3 HOURS", "LAST 6 HOURS", and "RANGE". A "SEARCH" button is located on the right side. The main table displays SIP messages with columns: DATE, METHOD, FROM, SOURCE PORT, DESTINATION IP, and DESTINATION PORT. A modal window is open over the table, showing details for an INVITE message from 16/11/23 05:20:14. The details include: INVITE sip:13106341786@192.168.222.71:5060 SIP/2.0, Via: SIP/2.0/UDP 192.168.222.85:5060;branch=z9hG4bK590a8332, Max-Forwards: 69, From: "WIRELESS CALLER" sip:14243917917@192.168.222.85;tag=as70b7eb14, To: sip:13106341786@192.168.222.71:5060, Contact: sip:14243917917@192.168.222.85:5060, Call-ID: 0944418a2cf9d80413242da2407041c@192.168.222.85:5060, CSeq: 102 INVITE, User-Agent: 2talk PBX, and Date: Thu, 16 Nov 2023 05:20:14 GMT.

DATE	METHOD	FROM	SOURCE PORT	DESTINATION IP	DESTINATION PORT
15 Nov 2023 21:20:21	CANCEL	14243917917@192.168.222.85	22.85	192.168.222.71	5060
15 Nov 2023 21:20:21	200	13106341786@192.168.222.71	22.71	192.168.222.85	5060
15 Nov 2023 21:20:21	487	14243917917@192.168.222.85	22.71	192.168.222.85	5060
15 Nov 2023 21:20:21	ACK	13106341786@192.168.222.71	22.85	192.168.222.71	5060
15 Nov 2023 21:20:14	INVITE	14243917917@192.168.222.85	22.85	192.168.222.71	5060
15 Nov 2023 21:20:14	100	14243917917@192.168.222.85	22.71	192.168.222.85	5060
15 Nov 2023 21:20:14	INVITE	14243917917@192.168.222.85	2.50	27.111.12.177	5060

Trace Registration

To both receive and make phone calls the handset will normally be **registered** to our network. This useful Registration test tool verifies the last four hours of **registration** attempts, including any failures. The test also identifies the UserAgent, which is helpful in diagnosing a failure to a particular phone.

Device Provisioning **Trace** Call Check Reception Console Porting Teams Heartbeat SMS

Filter Show registration

Last calls **LAST 30 MINS** LAST HOUR LAST 3 HOURS LAST 6 HOURS RANGE

DATE	METHOD	FROM	TO	AGENT	SOURCE IP	SOURCE PORT	DESTINATION IP	DESTINATION PORT
You have no call registered.								