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## voice call debug Command

The debug output for calls on Cisco voice gateways is managed by using the **voice call debug** command in global configuration mode. When this command is enabled, the standardized header appears when voice debugs are used.

## Supported Commands

The voice debug commands that support the standardized header include the following:

- **debug crm**
- **debug fax dmosp**
- **debug fax fmosp**
- **debug fax foip**
- **debug fax mmoip aaa**
- **debug fax mspi**
- **debug fax mta**
- **debug mgcp all**
- **debug mgcp endpoint**
- **debug mgcp endptdb**
- **debug mgcp errors**
- **debug mgcp events**
- **debug mgcp gcfm**
- **debug mgcp inout**
- **debug mgcp media**
- **debug mgcp nas**
- **debug mgcp packets**
- **debug mgcp parser**
- **debug mgcp src**

- **debug mgcp state**
- **debug mgcp voipcac**
- **debug rtsp all**
- **debug rtsp api**
- **debug rtsp client**
- **debug rtsp error**
- **debug rtsp pmh**
- **debug rtsp session**
- **debug rtsp socket**
- **debug tgrm**
- **debug voip application vxml**
- **debug voip avlist**
- **debug voip ccapi**
- **debug voip dialpeer**
- **debug voip dsm**
- **debug voip dspapi**
- **debug voip hpi**
- **debug voip ivr all**
- **debug voip ivr applib**
- **debug voip ivr callsetup**
- **debug voip ivr digitcollect**
- **debug voip ivr dynamic**
- **debug voip ivr error**
- **debug voip ivr script**
- **debug voip ivr settlement**
- **debug voip ivr states**
- **debug voip ivr telcommands**
- **debug voip profile fax**
- **debug voip profile help**
- **debug voip profile modem**
- **debug voip profile voice**
- **debug voip rawmsg**
- **debug voip tsp**
- **debug voip vtsp**
- **debug vtsp all**
- **debug vtsp dsp**
- **debug vtsp error**
- **debug vtsp event**
- **debug vtsp port**
- **debug vtsp rtp**
- **debug vtsp send-nse**
- **debug vtsp session**
- **debug vtsp stats**
- **debug vtsp vofr subframe**
- **debug vtsp tone**

For detailed examples of these debug commands, see the [Cisco IOS Debug Command Reference](#).

## SUMMARY STEPS

1. **enable**
2. **configure** terminal
3. **voice call debug {full-guid | short-header}**

4. **exit**

5. Run desired debug command.

**DETAILED STEPS**

	<b>Command or Action</b>	<b>Purpose</b>
1.	<b>enable</b> Example: <pre>Router&gt; enable</pre>	Enables privileged EXEC mode. <ul style="list-style-type: none"><li>• Enter your password if prompted.</li></ul>
2.	<b>configure terminal</b> Example: <pre>Router# configure terminal</pre>	Enters global configuration mode.
3.	<b>voice call debug {full-guid   short-header}</b> Example: <pre>Router(config)# voice call debug full-guid</pre>	Specifies the full GUID or short header for debugging a voice call in a multiple-call environment. <ul style="list-style-type: none"><li>• <b>full-guid</b>-<i>Displays the GUID in a 16-byte header. When the no version of this command is input with the <b>full-guid</b> keyword, the short 6-byte version displays. This is the default.</i></li><li>• <b>short-header</b>-Displays the CallEntry ID in the header without displaying the GUID or module-specific parameters.</li></ul>
4.	<b>exit</b> Example: <pre>Router(config)# exit</pre>	Exits to privileged EXEC mode.
5.	Run desired voice debug command. Example: <pre>Router# debug voip ccapi inout</pre>	Enter the appropriate debug command for your troubleshooting needs. <ul style="list-style-type: none"><li>• The voice debug commands that support the standardized header and detailed examples of the individual debug commands are in the <a href="#">Cisco IOS Debug Command Reference</a>.</li></ul>