

# Call Routing logic on Cisco UBE using the History-info Header

The history-info header has the call or dialog history information. The receiving application uses the history-info header information to determine how and why the call has reached it. SIP IOS GW does not utilize this information in History-Info header. The information stored in the History-Info headers can be used to bypass the dial-peers that were already tried during the course of a call, ensuring that the call is not being redirected again to the same target. The called-numbers and host portion of request URI in History-Info headers will be compared with the matching dial-peers, if incase the comparison succeeds, then those dial-peers will be bypassed.

This section contains the following procedures:

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## Configuring Call Routing Logic on Cisco UBE using the History-info Header Globally

Perform this task to configure call routing on history-info header at a global level in SIP configuration (conf-serv-sip) mode.

### SUMMARY STEPS

1. `enable`
2. `configure terminal`
3. `voice service voip`
4. `sip`
5. `call route history-info`
6. `exit`

### DETAILED STEPS

	Command or Action	Purpose
Step 1	<code>enable</code>  <b>Example:</b> Router> enable	Enters privileged EXEC mode, or other security level set by a system administrator. <ul style="list-style-type: none"><li>• Enter your password if prompted.</li></ul>
Step 2	<code>configure terminal</code>  <b>Example:</b> Router# configure terminal	Enters global configuration mode.
Step 3	<code>voice service voip</code>  <b>Example:</b> Router(config)# voice service voip	Enters voice service VoIP configuration mode.

	Command or Action	Purpose
Step 4	<b>sip</b>  <b>Example:</b> Router(conf-voi-serv)# sip	Enters SIP configuration mode.
Step 5	<b>call route history-info</b>  <b>Example:</b> Router(conf-serv-sip)# call-route history-info	Configures call-route history-info header support globally.
Step 6	<b>exit</b>  <b>Example:</b> Router(conf-serv-sip)# exit	Exits the current mode.

## Configuring all Routing Logic on Cisco UBE using the History-info Header at the Dial-Peer Level

Perform this task to configure call routing on history-info header support at the dial-peer level, in dial peer voice configuration (config-dial-peer) mode.

### SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **dial-peer voice *tag* voip**
4. **voice-class sip call-route history-info**
5. **exit**

### DETAILED STEPS

	Command or Action	Purpose
Step 1	<b>enable</b>  <b>Example:</b> Router> enable	Enters privileged EXEC mode, or other security level set by a system administrator. <ul style="list-style-type: none"> <li>• Enter your password if prompted.</li> </ul>
Step 2	<b>configure terminal</b>  <b>Example:</b> Router# configure terminal	Enters global configuration mode.
Step 3	<b>dial-peer voice <i>tag</i> voip</b>  <b>Example:</b> Router(config)# dial-peer voice 2 voip	Enters dial peer VoIP configuration mode.

	Command or Action	Purpose
Step 4	<b>voice-class sip call-route history-info</b>  <b>Example:</b> Router(config-dial-peer)# voice-class sip call-route history-info	Configures call-route history-info header support for a dial peer.
Step 5	<b>exit</b>  <b>Example:</b> Router(config-dial-peer)# exit	Exits the current mode.