# Support for Expires Timer Reset on Receiving or Sending SIP 183 Message

This feature enables support for resetting the Expires timer when receiving or sending SIP 183 messages on Cisco Unified Communications Manager Express (Cisco Unified CME), a Cisco IOS voice gateway, or a Cisco Unified Border Element (Cisco UBE). When the terminating device lacks answer supervision or does not send the required SIP 200 OK message within the timer expiry, you can enable this feature to send periodic SIP 183 messages to reset the Expires timer and preserve the call until final response. This feature can be enabled globally or on a specific dial peer. Additionally, you can configure this feature based on the presence or absence of Session Description Protocol (SDP).

For details about enabling this feature, see the **reset timer expires** and **voice-class sip reset timer expires** commands in the *Cisco IOS Voice Command Reference*.

## Prerequisites

Before configuring support for Expires timer reset for SIP 183 on Cisco IOS SIP time-division multiplexing (TDM) gateways, Cisco UBEs, or Cisco Unified CME, verify the SIP configuration within the VoIP network for the appropriate originating and terminating gateways as described in the *Cisco IOS SIP Configuration Guide*.

### Cisco Unified Border Element

- Cisco IOS Release 15.0(1)XA or a later release must be installed and running on your Cisco Unified Border Element.

### Cisco Unified Border Element (Enterprise)

- Cisco IOS XE Release 3.1S or a later release must be installed and running on your Cisco ASR 1000 Series Router.

## How to Configure Support for Expires Timer Reset on Receiving or Sending SIP 183 Message

To configure the Support for Expires Timer Reset on Receiving or Sending SIP 183 Message feature, complete the tasks in this section. You can enable this feature globally, using the **reset timer expires** command in voice service SIP configuration mode, or on a specific dial-peer using the **voice-class sip reset timer expires** command in dial peer voice configuration mode:

- Configuring Reset of Expires Timer Globally
- Configuring Reset of Expires Timer at the Dial-Peer Level

### Configuring Reset of Expires Timer Globally

Perform this task to enable resetting of the Expires timer at the global level in SIP configuration (conf-serv-sip) mode.

### SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **voice service voip**
4. **sip**
5. **reset timer expires 183**

## DETAILED STEPS

|  | Command or Action | Purpose |
|---|---|---|
| Step 1 | `enable`<br><br>**Example:**<br>`Router> enable` | Enables privileged EXEC mode.<br><br>• Enter your password if prompted. |
| Step 2 | `configure terminal`<br><br>**Example:**<br>`Router# configure terminal` | Enters global configuration mode. |
| Step 3 | `voice service voip`<br><br>**Example:**<br>`Router(config)# voice service voip` | Enters voice service VoIP configuration mode. |
| Step 4 | `sip`<br><br>**Example:**<br>`Router(conf-voi-serv)# sip` | Enters SIP configuration mode. |
| Step 5 | `reset timer expires 183`<br><br>**Example:**<br>`Router(conf-serv-sip)# reset timer expires 183` | Enables resetting of the Expires timer upon receipt of SIP 183 messages globally. |
| Step 6 | `exit`<br><br>**Example:**<br>`Router(conf-serv-sip)# exit` | Exits the current mode. |

### Configuring Reset of Expires Timer at the Dial-Peer Level

Perform this task to enable resetting of the Expires timer 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 reset timer expires 183**
5. **exit**

**DETAILED STEPS**

|  | **Command or Action** | **Purpose** |
|---|---|---|
| **Step 1** | **enable**<br><br>**Example:**<br>`Router> enable` | Enables privileged EXEC mode.<br><br>• Enter your password if prompted. |
| **Step 2** | **configure terminal**<br><br>**Example:**<br>`Router# configure terminal` | Enters global configuration mode. |
| **Step 3** | **dial-peer voice** *tag* **voip**<br><br>**Example:**<br>`Router(config)# dial-peer voice 2 voip` | Enters dial peer VoIP configuration mode. |
| **Step 4** | **voice-class sip reset timer expires 183**<br><br>**Example:**<br>`Router(config-dial-peer)# voice-class sip reset timer expires 183` | Enables resetting of the Expires timer upon receipt of SIP 183 messages on a specific dial peer. |
| **Step 5** | **exit**<br><br>**Example:**<br>`Router(config-dial-peer)# exit` | Exits the current mode. |