



Selective Filtering of Outgoing Provisional Response on the Cisco Unified Border Element

This feature adds support on the Cisco Unified Border Element (Cisco UBE) platforms for selective filtering of outgoing provisional responses, including "180-Alerting" and "183-Session In Progress" responses. Selective filtering can be further based on the availability of media information in the received provisional response.

Next Generation Network (NGN) restricts the UNI from sending a 183 response with Session Description Protocol (SDP) toward the NGN network. Cisco Unified Communications Manager always sends a 183 response with SDP responses. It is necessary for the Cisco UBE to block these responses to allow Cisco Unified Communications Manager to interwork within the Next Generation network.

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Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see [Bug Search Tool](#) and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to <https://cfng.cisco.com/>. An account on Cisco.com is not required.

Prerequisites for Selective Filtering of Outgoing Provisional Response on the Cisco UBE

Cisco Unified Border Element

- Cisco IOS Release 12.4(22)YB 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.

Restrictions for Selective Filtering of Outgoing Provisional Response on the Cisco UBE

- Blocking 180 and 183 responses with or without the SDP requirement is to block 183 with SDP only.

How to Configure Selective Filtering of Outgoing Provisional Response on the Cisco UBE

Configuring Selective Filtering of Outgoing Provisional Response on the Cisco UBE at the Global Level

To configure Selective Filtering of Outgoing Provisional Response on the Cisco UBE at the global level, perform the steps in this section:

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **voice service voip**
4. **sip**
5. **block 183 sdp absent**
6. **exit**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: <pre>Router> enable</pre>	Enables privileged EXEC mode. <ul style="list-style-type: none"> • Enter your password if prompted.
Step 2	configure terminal Example: <pre>Router# configure terminal</pre>	Enters global configuration mode.
Step 3	voice service voip Example: <pre>Router(config)# voice service voip</pre>	Enters voice service configuration mode.
Step 4	sip Example: <pre>Router(conf-voi-serv)# sip</pre>	Enters voice service SIP configuration mode.
Step 5	block 183 sdp absent Example: <pre>Router(conf-serv-sip)# block 183 sdp absent</pre>	Filters outgoing provisional responses, including "180-Alerting" and "183-Session In Progress" responses.
Step 6	exit Example: <pre>Router(conf-serv-sip)# exit</pre>	Exits the current mode.

Configuring Selective Filtering of Outgoing Provisional Response on the Cisco UBE at the Dial Peer Level

To configure Selective Filtering of Outgoing Provisional Response on the Cisco UBE at the dial-peer level, configure the outgoing dial peer as follows:

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **dial-peer voice *number* voip**
4. **voice-class sip block 183 sdp present**
5. **exit**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: <pre>Router> enable</pre>	Enables privileged EXEC mode. <ul style="list-style-type: none"> • Enter your password if prompted.
Step 2	configure terminal Example: <pre>Router# configure terminal</pre>	Enters global configuration mode.
Step 3	dial-peer voice <i>number</i> voip Example: <pre>Router(config)# dial-peer voice 1 voip</pre>	Enters dial peer voice configuration mode.
Step 4	voice-class sip block 183 sdp present Example: <pre>Router(config-dial-peer)# voice-class sip block 183 sdp present</pre>	Filters outgoing provisional responses, including "180-Alerting" and "183-Session In Progress" responses.
Step 5	exit Example: <pre>Router(config-dial-peer)# exit</pre>	Exits the current mode.

Feature Information for Selective Filtering of Outgoing Provisional Response on the Cisco Unified Border Element

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Feature History Table entry for the Cisco Unified Border Element.

Table 1: Feature Information for Selective Filtering of Outgoing Provisional Response on the Cisco UBE

Feature Name	Releases	Feature Information
Selective Filtering of Outgoing Provisional Response on the Cisco Unified Border Element	12.4(22)YB 15.0(1)M	This feature adds support on Cisco UBE for selective filtering of outgoing provisional responses, including "180-Alerting" and "183-Session In Progress" responses. Selective filtering can be further based on the availability of media information in the received provisional response. The following commands were introduced or modified: block and voice-class sip block .

Feature History Table entry for the Cisco Unified Border Element (Enterprise).

Table 2: Feature Information for Selective Filtering of Outgoing Provisional Response on the Cisco UBE

Feature Name	Releases	Feature Information
Selective Filtering of Outgoing Provisional Response on the Cisco Unified Border Element	Cisco IOS XE Release 3.1S	This feature adds support on Cisco UBE for selective filtering of outgoing provisional responses, including "180-Alerting" and "183-Session In Progress" responses. Selective filtering can be further based on the availability of media information in the received provisional response. The following commands were introduced or modified: block and voice-class sip block .

