



# SIP Ability to Send a SIP Registration Message on a Border Element

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The SIP: Ability to Send a SIP Registration Message on a Border Element feature allows users to register e164 numbers from the Cisco UBE without POTS dial-peers in the UP state. Registration messages can include numbers, number ranges (such as E.164-numbers), or text information.

- Configure a registrar in sip UA configuration mode.

## **Cisco Unified Border Element**

- Cisco IOS Release 12.4(24)T or a later release must be installed and running on your Cisco Unified Border Element.

## **Cisco Unified Border Element (Enterprise)**

- Cisco IOS XE Release 2.5 or a later release must be installed and running on your Cisco ASR 1000 Series Router.

## **SUMMARY STEPS**

1. **enable**
2. **configure terminal**
3. **sip-ua**
4. **credentials username *username* password *password* realm *domain-name***
5. **exit**
6. **end**



## DETAILED STEPS

| Command or Action   | Purpose   |
|---|---|
| <p><b>Step 1</b> <code>enable</code></p> <p><b>Example:</b></p> <pre>Router&gt; enable</pre>  | <p>Enables privileged EXEC mode.</p> <ul style="list-style-type: none"> <li>• Enter your password if prompted.</li> </ul> |
| <p><b>Step 2</b> <code>configure terminal</code></p> <p><b>Example:</b></p> <pre>Router# configure terminal</pre>   | <p>Enters global configuration mode.</p>  |
| <p><b>Step 3</b> <code>sip-ua</code></p> <p><b>Example:</b></p> <pre>Router(config)# sip-ua</pre>   | <p>Enters sip user-agent configuration mode.</p>  |
| <p><b>Step 4</b> <code>credentials username <i>username</i> password <i>password</i> realm <i>domain-name</i></code></p> <p><b>Example:</b></p> <pre>Router(config-sip-ua)# credentials username alex password test realm cisco.com</pre> | <p>Enters SIP digest credentials in sip-ua configuration mode.</p>  |
| <p><b>Step 5</b> <code>exit</code></p> <p><b>Example:</b></p> <pre>Router(config-sip-ua)# exit</pre>  | <p>Exits the current mode.</p>  |
| <p><b>Step 6</b> <code>end</code></p> <p><b>Example:</b></p> <pre>Router(config)# end</pre>   | <p>Returns to privileged EXEC mode.</p>   |

- [Finding Feature Information, page 3](#)
- [Feature Information for Sending a SIP Registration Message from a Cisco Unified Border Element, page 3](#)

## Finding Feature Information

Your software release may not support all the features documented in this module. For the latest feature information and caveats, see 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 at the end of this document.

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](http://www.cisco.com/go/cfn). An account on Cisco.com is not required.

## Feature Information for Sending a SIP Registration Message from a 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](http://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 Sending a SIP Registration Message from a Cisco Unified Border Element

| Feature Name  | Releases  | Feature Information   |
|---|-----------|---|
| SIP: Ability to Send a SIP Registration Message on a Border Element | 12.4(24)T | Provides the ability to send a SIP Registration Message from Cisco Unified Border Element.<br><br>The following command was modified: <b>credentials</b> (SIP UA) |

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

**Table 2** Feature Information for Sending a SIP Registration Message from a Cisco Unified Border Element

| Feature Name  | Releases                 | Feature Information   |
|---|--------------------------|---|
| SIP: Ability to Send a SIP Registration Message on a Border Element | Cisco IOS XE Release 2.5 | Provides the ability to send a SIP Registration Message from Cisco Unified Border Element.<br><br>The following command was modified: <b>credentials</b> (SIP UA) |

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