

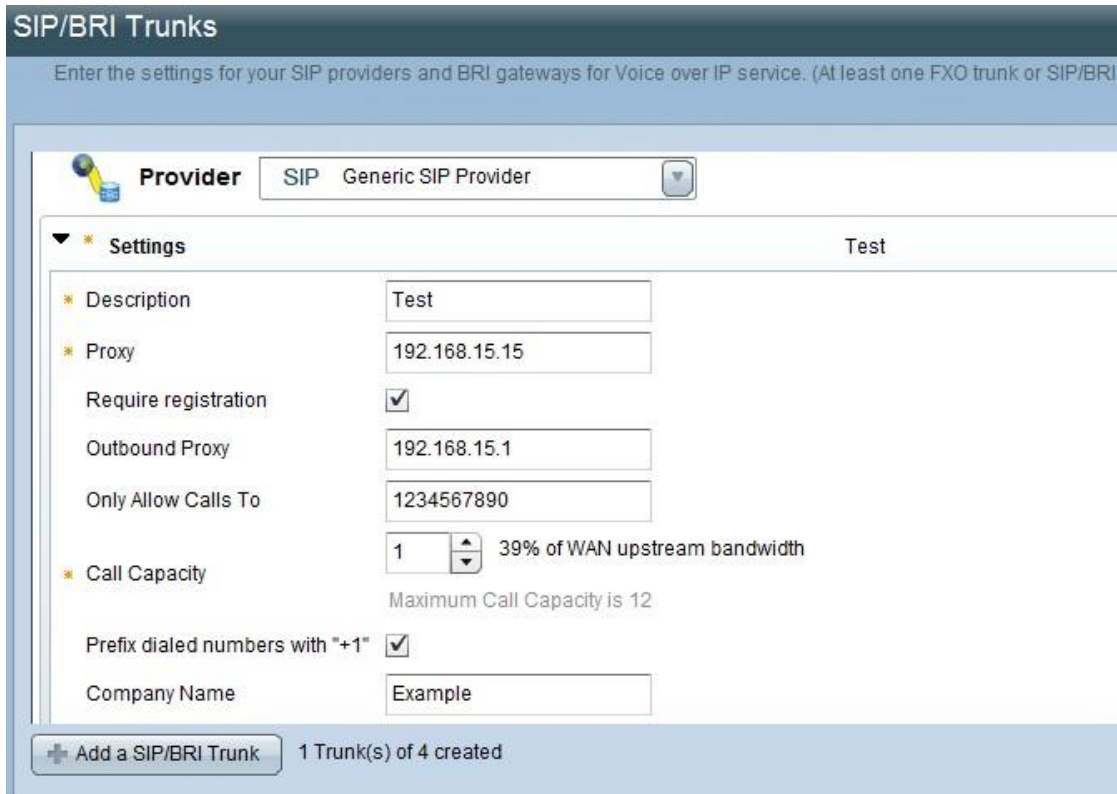
Cisco UC320



Manual Configuration

Configuration Steps:

1. Log in to the web configuration utility and choose **Configuration > Ports and Trunks > SIP/BRI Trunks**. The *SIP/BRI Trunks* page opens.



SIP/BRI Trunks
Enter the settings for your SIP providers and BRI gateways for Voice over IP service. (At least one FXO trunk or SIP/BRI

Provider SIP Generic SIP Provider

Settings Test

* Description	Test
* Proxy	192.168.15.15
Require registration	<input checked="" type="checkbox"/>
Outbound Proxy	192.168.15.1
Only Allow Calls To	1234567890
* Call Capacity	1 39% of WAN upstream bandwidth Maximum Call Capacity is 12
Prefix dialed numbers with "+1"	<input checked="" type="checkbox"/>
Company Name	Example

+ Add a SIP/BRI Trunk 1 Trunk(s) of 4 created

2. Choose **Generic SIP Provider** from the Service Provider drop-down list.



SIP/BRI Trunks
Enter the settings for your SIP providers and BRI gateways for Voice over IP ser

Provider SIP Generic SIP Provider
Mediatix Mediatix BRI Gateway


Settings

* Description

SIP Generic SIP Provider



3. Click **Settings** to configure Generic SIP settings
4. Enter a description (ie: VoIP Much) for the service, for your reference, in the *Description* field
5. Enter the proxy server (this is the SIP ADDRESS from your SETUP PDF) in the *Proxy* field.
6. Check the **Require registration** check box.
7. Choose the maximum number of concurrent calls that are supported on this (this is typically double your line count, allowing for Call Waiting and 3-Way Calling) in the *Call Capacity* field.
8. Enter your name (or business name) in the *Company* name field.
9. Enter the Account ID (this is the ATA DEVICE USERNAME from your SETUP PDF) in the *Account ID* field.
10. Enter the Authentication ID (this is the ATA DEVICE USERNAME from your SETUP PDF) in the *Authentication ID* field.
11. Enter the password (this is the ATA DEVICE PASSWORD from your SETUP PDF) for your account in the *Password* field.

* Account ID	<input type="text" value="1234987650"/>
	(often Account Phone Number)
Digest Authentication	
Authentication ID	<input type="text" value="Abcd"/>
Password	<input type="password" value="****"/>
SRV Record	
SRV Record Lookup	<input checked="" type="checkbox"/>
SRV Auto Prefix	<input checked="" type="checkbox"/>
NAT	
NAT Mapping	<input checked="" type="checkbox"/>
Send NAT Keep Alive	<input checked="" type="checkbox"/>
Local SIP Port: 5060	
+ Add a SIP/BRI Trunk 1 Trunk(s) of 4 created	
Apply Configuration 	

12. Check the **NAT Mapping** check box if NAT mapping is not provided by the service provider and local NAT mapping is required.

Note: When this option is enabled it makes the NAT STUN server and Static IP Address fields available for configuration in the *SIP Parameters* area.

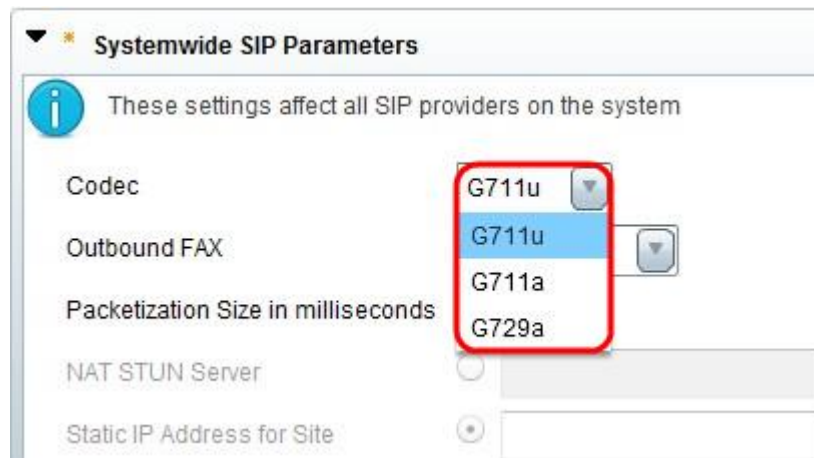
13. Check the **Send NAT Keep Alive** to enable NAT keep alive. This allows the UC320W to periodically send Keep Alive messages to the server to maintain the current NAT mapping.

Note: This option is only available if you check the NAT Mapping check box.

14. Click **Apply Configuration** (or Add a SIP/ BRI Trunk if adding multiple SIP/BRI trunks).

15. Click **Systemwide SIP Parameters** and the *Systemwide SIP Parameters* page opens.

Choose the codec option from the *Codec* drop-down list. You can keep the default setting or choose the codec for outbound calls. G711u is the recommended value.



The screenshot shows the 'Systemwide SIP Parameters' configuration page. At the top, there is a header with a star icon and the title 'Systemwide SIP Parameters'. Below the header is an information icon and the text 'These settings affect all SIP providers on the system'. The main configuration area contains several settings: 'Codec' is a dropdown menu with 'G711u' selected and highlighted in blue; 'Outbound FAX' is a dropdown menu with a downward arrow; 'Packetization Size in milliseconds' is a text input field; 'NAT STUN Server' is a radio button with an adjacent text input field; and 'Static IP Address for Site' is a radio button with an adjacent text input field. A red rectangular box highlights the 'Codec' dropdown menu.

16. Click **Apply Configuration** to save your changes.