



## Configuring the Bria 4.4.4.0 for SIP Registration

This guide shows you the steps to configure a SIP phone to register with Twilio. If you have any feedback on the following guide please email us at:

[sip.interconnectionguides@twilio.com](mailto:sip.interconnectionguides@twilio.com)

### General Notes

- Please see separate instructions on creating Programmable Voice - SIP domains. This guide assumes these steps have already been done.
- User-credentials are required to register phones. IP ACLs alone are not sufficient. Your AuthorizationName should match the username on the SIP endpoint and both of those should match a user credential that you entered on Twilio's console.
- A SIP URI is: sip:username@SIPDomain or sip:phonenumber@SIPDomain
- When this document refers to **TwilioSIPDomain** it represents: **yourdomain.sip.region.twilio.com** where you have selected **yourdomain** on Twilio's console (globally unique) and **region** which is initially US1 (North-Virginia) only and other regions later.

### Bria 4.4.4.0

1. Navigate to:

Bria > Preferences > Accounts > Add

2. Enter the following details as seen in following image:
  - a. **User ID:** This is the **username** or equivalently the user component of your SIP URI. It must match the username configured in the Twilio console credentialList.
  - b. **Domain:** **TwilioSIPDomain**
  - c. **Password:** This is the password corresponding to the username in the credentialList that you configured for your Twilio SIP domain.
  - d. Save and Apply

**Sip Account - Enabled**

Account name:

Use for:  Call  
 IM/Presence

**General** Voicemail Topology Presence Storage Transport Advanced

User Details

\* User ID

\* Domain

Password

Display name

Authorization name

Domain Proxy

Register with domain and receive calls

Send outbound via:

Domain  Proxy Address

Dial plan

3. Check "Register with domain and receive calls"

**Sip Account - Enabled**

Account name:

Use for:  Call  
 IM/Presence

**General** Voicemail Topology Presence Storage Transport Advanced

User Details

\* User ID

\* Domain

Password

Display name

Authorization name

Domain Proxy

Register with domain and receive calls

Send outbound via:

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Dial plan

4. Verify Domain option selected

5. Navigate to:

Bria > Preferences > Accounts > Advanced

Verify that Send SIP keep-alives is checked (default)

Preferences

Accounts Alerts Devices Codecs Call Directory Advanced

Sip Account - Disabled

Account name:

Use for:  Call  
 IM/Presence

General Voicemail Topology Presence Transport **Advanced**

Register Settings

Reregister every  seconds  
Minimum time  seconds

Timers

Enable Session Timers  
Session Timer Preference   
Default Session Time  seconds

Hold Method

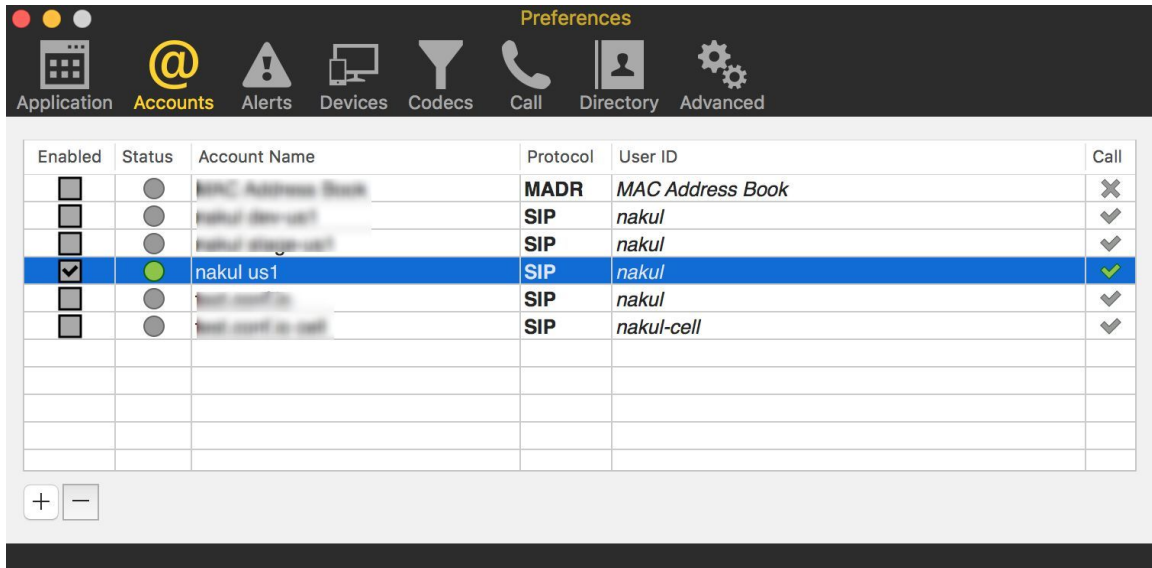
Handle hold request in M-line only (latest standard)  
 Handle hold request in M-line and C-line (old standard)

Connection Management

Send SIP keep-alives  Use SIP Outbound  
 Use rport  Force outbound proxy on all requests

Cancel | OK

- That's it! Congrats! You're done. If you navigate to the accounts window you will see a GREEN status if registration was successful.



## Encryption Notes

If you require TLS to encrypt your SIP traffic then you will need to disable CERT verification on the Bria client. Twilio does not support validating CERTS. At the time of this writing this is not possible on Bria 4 so TLS is not recommended if you want to use Bria 4.