

Avaya IP Office Standard SIP Gateway Set Up Telquest Tech Support

We will be using LAN2 in this example. You could also use LAN1 Instead.

1. Click Here...

2. LAN 2 IP Address.

3. Set the IP Mask

This is NOT the Router Use IP Route...

4. Click Here...

Note:

I am using the default IP Address of LAN2.

You may need to change this to something different in order to work with the SIP Providers Local Gateway.

They should be able to tell you their Gateways' Default IP Address and you can just use an IP Address that is one higher or lower.

Example:

They use 192.168.1.200

You use 192.168.1.199 or 192.168.1.201

Don't go above 254 as the last 3 digits in the IP Address.

I am using 192.168.43.2 as the SIP Providers Local Gateway in this Help Sheet.

Yours may be different...

1. Right Click Here and create a new SIP Line

2. Then, Click Here...

1. Click Here...

2. Click Here...

SIP Line - Line 17

SIP Line | Transport | SIP URI | VoIP | T38 Fax | SIP Credentials

Channel | Groups | Via | Local URI | Contact | Display Name | PAI | Credential | Max Calls | Add...

Edit Channel

1. Put a * (STAR) here...

2. Set each like this...

3. Set to correct Groups...

4. Set to correct Value...

Via: <None>

Local URI: *

Contact: Use Internal Data

Display Name: Use Internal Data

PAI: Use Internal Data

Registration: 0: <None>

Incoming Group: 17

Outgoing Group: 17

Max Calls per Channel: 1

Not used.....

Click here...

Fill these 4 areas in If needed...

Uncheck...

SIP Line | Transport | SIP URI | VoIP | T38 Fax | SIP Credentials

Index | UserName | Authentication Name | Contact | Expiry | Register

Edit SIP Credentials

User name: 900

Authentication Name: 900

Contact: 900

Password:

Expiry (mins): 60

Registration required: ☐

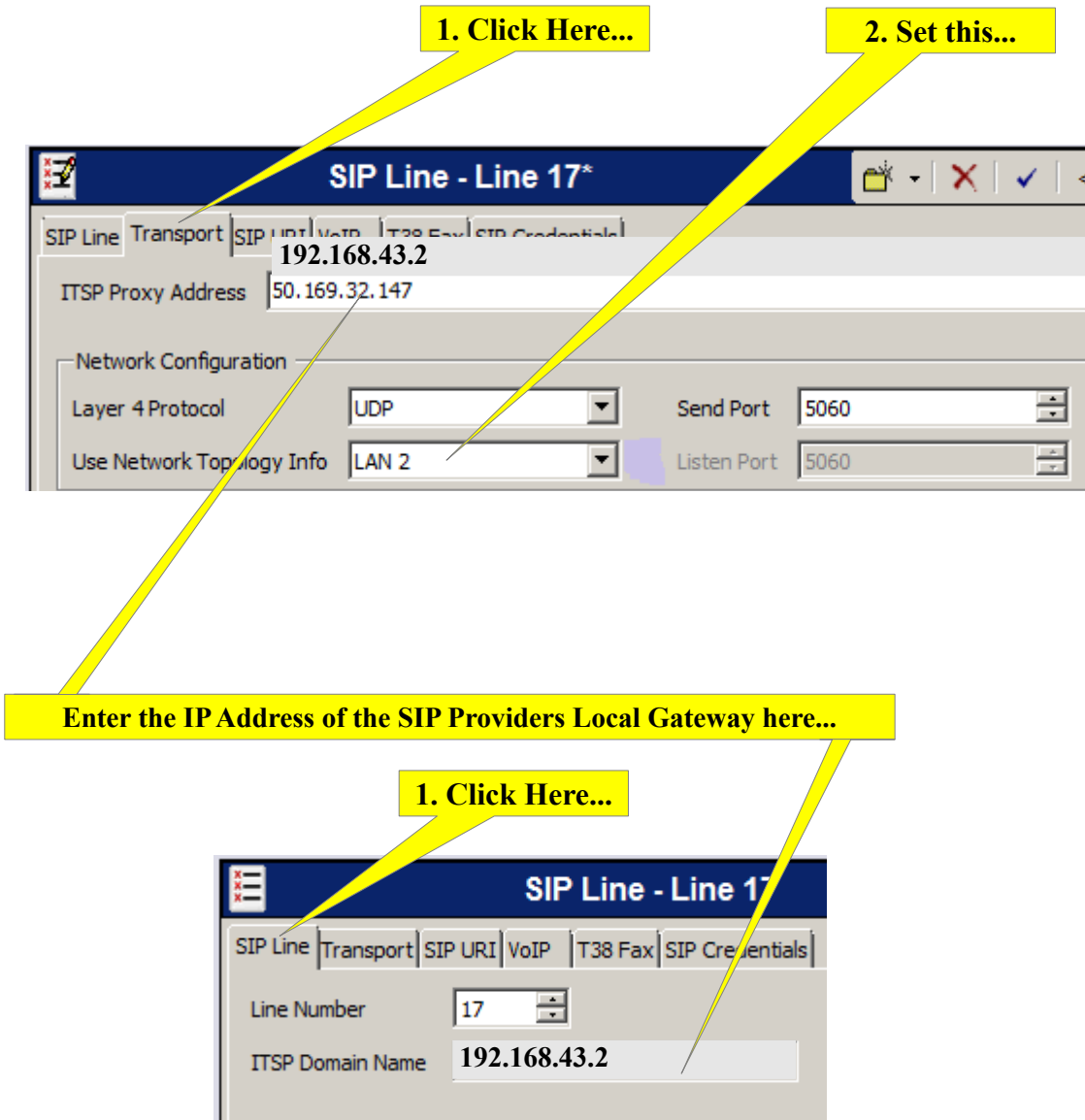
The image shows two screenshots of the Asterisk SIP configuration interface. The top screenshot is the 'Edit Channel' form, and the bottom screenshot is the 'SIP' tab for a specific user/extension.

Top Screenshot: Edit Channel

- Via:** A dropdown menu with '<None>' selected. A yellow callout points to it with the text: "This allows all DID Numbers to be routed by the Incoming Call Route...".
- Local URI:** A dropdown menu with '*' selected. A yellow callout points to it with the text: "See this too...".
- Contact:** A dropdown menu with 'Use Internal Data' selected.
- Display Name:** A dropdown menu with 'Use Internal Data' selected.
- PAI:** A dropdown menu with 'Use Internal Data' selected.
- Registration:** A dropdown menu with '0: <None>' selected.
- Incoming Group:** A text input field containing '17'.
- Outgoing Group:** A text input field containing '17'.
- Max Calls per Channel:** A text input field containing '1'.

Bottom Screenshot: SIP Configuration for EXT207: 207

- 1. Click Here...** points to the 'SIP' tab in the top navigation bar.
- Enter the DID Number used by this User/Ext.** points to the 'SIP Name' field, which contains '207'.
- This is what is sent out as the Caller ID** points to the 'SIP Display Name (Alias)' field, which contains 'EXT207'.
- If your SIP Provider allows it....** points to the 'Contact' field, which is empty.
- If you use DID Numbers for Users, then enter it here... This is the "Internal Data". If it isn't here, calls will fail.** points to the 'SIP Name' field.



Create an Incoming Call Route for each DID Number:

Here are examples with 3 different DID Numbers, each with a different destination

Incoming Call Route		
Line Group Id	Destination	Incoming Number
17	207 EXT207	5618323801
17	201 ext201	5618323802
17	200 Main	5618323803

17 5618323801	
Standard	Voice Recording
Destinations	
Bearer Capability	Any Voice
Line Group Id	17
Incoming Number	5618323801
Incoming Sub Address	

Incoming Call Route		
Line Group Id	Destination	Incoming Number
17	207 EXT207	5618323801
17	201 ext201	5618323802
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Line Group Id	Destination	Incoming Number
17	207 EXT207	5618323801
17	201 ext201	5618323802
17	200 Main	5618323803

17 5618323803	
Standard	Voice Recording
Destinations	
Bearer Capability	Any Voice
Line Group Id	17
Incoming Number	5618323803
Incoming Sub Address	

Inbound Call - SIP Call Flow

When a call comes in on a SIP Line, the Called Number (DID) is passed to the Local URI.

Sample:

INVITE sip:2012351234@192.168.111.248 SIP/2.0

If that Called Number (DID) is not there, the Monitor Program will report “Not Found”.

If that Called Number (DID) is there, it is passed on to the Incoming Call Route.

Make sure that you have
an Inc. Call Route for
EACH DID Number

If you don't
the call will fail

Where it is routed to its destination.

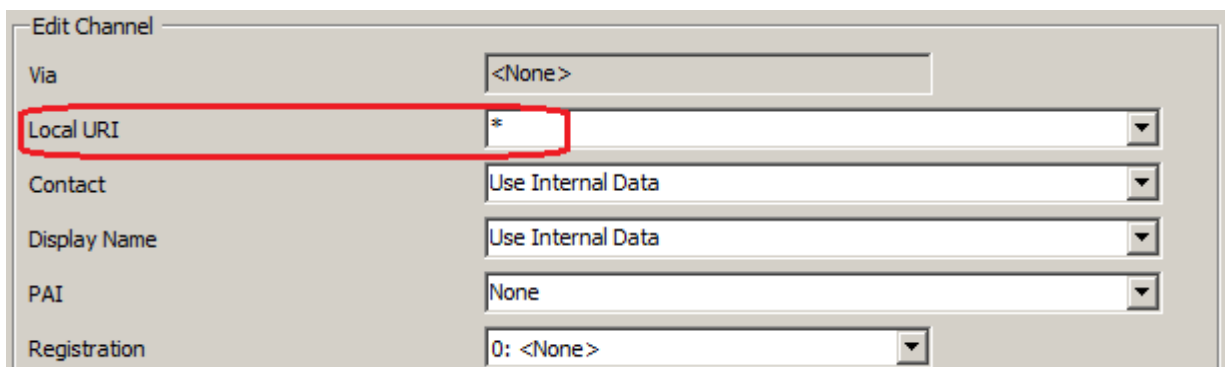
This is an optional method for the Local URI setting on Page 6.

You can also use a * (STAR) as a wild card in the Local URI area.

Then you will not need to create a separate Local URI for each DID Number.

The * will accept all DID Numbers.

You will still need to create an Incoming Call Route for each DID Number.



The image shows a screenshot of a web-based configuration interface titled "Edit Channel". It contains several fields for configuring a channel. The "Local URI" field is highlighted with a red rectangle and contains the asterisk (*) character. The other fields are as follows:

Field	Value
Via	<None>
Local URI	*
Contact	Use Internal Data
Display Name	Use Internal Data
PAI	None
Registration	0: <None>

Add a new IP Route:

This is equal to a “Router” address.

The screenshot shows the IP Office configuration interface. On the left is a tree view under 'IP Offices' with categories like User (13), Group (2), Short Code (80), Service (0), RAS (1), Incoming Call Route (2), WAN Port (0), Directory (0), Time Profile (0), Firewall Profile (1), and IP Route (3). The 'IP Route' category is expanded, showing two entries: '0.0.0.0' and '192.168.43.2'. The '192.168.43.2' entry is selected, and its configuration window is open. The window title is '192.168.43.2'. The configuration fields are: IP Address (192 . 168 . 43 . 2), IP Mask (255 . 255 . 255 . 0), Gateway IP Address (192 . 168 . 43 . 1), Destination (LAN2), and Metric (0). There is a checkbox for 'Proxy ARP' which is unchecked. Yellow callouts provide instructions: 'This is the IP Address of the SIP Providers Local Gateway' points to the Gateway IP Address field; 'This is the IP Address of LAN2' points to the Destination field; 'Set like this...' points to the Metric field; and '1. Right Click here and create a New IP Route...' points to the '192.168.43.2' entry in the tree view.

This is the IP Address of the SIP Providers Local Gateway

This is the IP Address of LAN2

Set like this...

1. Right Click here and create a New IP Route...