GENBAND SBC and GENBAND AS Configuration Guide For Use with AT&T's IP Flexible Reach -Enhanced Features Service Using MIS, PNT or AT&T Virtual Private Network

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TABLE OF CONTENTS

1	Introduction	
2	2 Special Notes	
3	3 Overview	
4	Configuration Guide	6
	4.1 SBC Configuration	6
	4.2 AS Configuration – MCP	
	4.3 AS Configuration – Prov	
5	5 Troubleshooting	

1 Introduction

This configuration guide describes how to configure GENBAND SBC and GENBAND AS for connectivity to AT&T's IP Flexible Reach service. Testing was performed in accordance with the test plan for the AT&T IPFR trunking. While not detailing the results of the testing performed this configuration guide provides the essential configurations required for SIP interoperability with GENBAND and the AT&T IP Flexible Reach service using AT&T Virtual Private Network (AVPN) transport.

2 Special Notes

- AT&T requires RTP ports 16384-32767 be used for media (these are configured in the GENBAND SBC used for AT&T trunk connectivity)
- Preferred configuration is to handle SIP Refer messages on the GENBAND AS. This is accomplished by setting the SIP Profile for the Node associated to the AT&T trunk.
- "Use Calling Party as From" and "Add Diversion Header" should be checked in the SIP Profile associated to the AT&T trunk.
- "p-called-party-id" header should be removed from the SIP Profile associated to the AT&T trunk.
- Charge ID needs to be one of the DIDs provided by AT&T. AT&T uses a screening service for access to its network, unless unscreened ANI is requested. They require an authorized DID be in the SIP From, P-Aid, Remote Party ID, or Diversion header

Emergency 911/E911 Services Limitations and Restrictions - Although AT&T provides 911/E911 calling capabilities, AT&T does not warrant or represent that the equipment and software (e.g., IP PBX) reviewed in this customer configuration guide will properly operate with AT&T IP Flexible Reach to complete 911/E911 calls; therefore, it is Customer's responsibility to ensure proper operation with its equipment/software vendor.

While AT&T IP Flexible Reach services support E911/911 calling capabilities under certain Calling Plans, there are circumstances when that E911/911 service may not be available, as stated in the Service Guide for AT&T IP Flexible Reach found at http://new.serviceguide.att.com. Such circumstances include, but are not limited to, relocation of the end user's CPE, use of a non-native or virtual telephone number, failure in the broadband connection, loss of electrical power, and delays that may occur in updating the Customer's location in the automatic location information database. Please review the AT&T IP Flexible Reach Service Guide in detail to understand the limitations and restrictions.

3 Overview

With GENBAND SBC and AS using AT&T IPFR trunking service you can replace your traditional trunking with VoIP. Both voice and fax (G.711 and T.38) calls are supported along with auto attendant, voicemail, and Meet-Me conferencing.



- GENBAND SBC (Q10/Q20), version 8.3.8.7
- GENBAND AS, version 10.4, patch 17.0.22.6
- GENBAND GENCom Client, version 10.3.1378
- Polycom VVX series SIP terminals, firmware 5.2.0.8330

4 Configuration Guide

This guide assumes that you have a functioning GENBAND SBC and AS. The starting point is configuration of the link to AT&T IPFR service. Also proper knowledge of GENBAND SBC and GENBAND AS administration and configuration are required.

4.1 SBC Configuration

From the SBC cli verify the version and the following 2 global parameters are set.

- # gis -v GENBAND GIS Directory Server v8.3.8.7, 05-12-2015 Copyright (c) 1998-2015 GENBAND Inc.
- # nxconfig.pl –S gis calls hide-src-fqdn 1 gis sip replace-history-host-with-rsa 1

💿 Modify Signaling Vnet	<
Partition: admin Name: attvnet Interface Name: eth2	
VLAN ID: 902 none IP Version: IPv4	
Primary Gateway: 32.252.201.155	
Gateway Monitoring: None Secondary Gateway: 0.0.0.0	
Ping Interval (in milliseconds): 500 Success Ping Count: 5 Failed Ping Count: 3	
SNMP Trap Reporting Switch to StandBy	
Modify Cancel	

Open the RSM console and Add a Signaling VNet

Add a Name, select the Interface Name, VLAN ID, and Primary Gateway.

Next build the Realms for both public and private interface. The public will interface to the AT&T equipment while the private will interface to the GENBAND AS>

🐱 Modify Realm	
Signaling Media Rate Limit QoS	
Partitio	n admin 🔻
	Enable Signaling
Realm Name:	att-peer
	<none></none>
SIP Authentication:	
	<none></none>
SIP Blocked Methods:	
CID Block:	
CID UnBlock:	
Header Policy Profile:	NONE
Service Route:	Pass 🔻
Strict Route Check:	Disable 🔻
Handle SIP Path Header on Ingress:	Disable 🔻
Default Server Regid: <pre></pre>	
Default Server Port	: <none> ▼</none>
Codemap File Number:	
SIP Timer T1(in microsecond):	0
SIP Invite Max Retransmit count:	0
Max SDP Session Id:	0
Max SDP Version Id:	0
Split SIP Header:	0
	V Accent Larre SID Header
Mo	odify Cancel

Enter a Realm Name.

•	Modify Realm	
	Signaling Media Rate Limit QoS	
	r Signaling	
	Realm Signaling Address : 3	2.252.201.154
	Subnet Mask: 2	55.255.255.248
	Domain Names (Comma Separated):	
	Dynamic EP Domain:	
	Vnet Name:	attvnet
	Sip Port 1:	
	Sip Port 2:	
	Sip Port 3:	
	TLS Port 1:	
	TLS Port 2:	
	TLS Port 3:	
	TLS Certificate Domain:	NONE
	TLS Client Certificate:	EQUESTED NOT ENFORCED
	TLS Fallback: n	one 🔻
	Store Inactive Endpoints:	
	Remove 100rel supported HDR	
	Remove timer supported HDR	
	Forward options without username:	nherit from system 💌
	Remove Prohibited Codec PTime:	
	Pass Contact HDR UserName:	
	Allow All Dynamic Endpoint From Users:	
	Dynamic Override Required:	▼
	Modify	Cancel

Configure the Realm Signaling Address and the Subnet Mask

	Modify Real	m						×
Ι.	Signaling	Media	Rate Limit	QoS				
						Partiti	on admin 🔻	
							✓ Enable Signaling	
						Realm Name	x attintpeer	
					SIP Au	thentication:	<none> A inv reg v</none>	
					SIP Block	ked Methods:	<none> A Inv Inv Inv Inv Inv Inv Inv Inv Inv Inv</none>	
						CID Block:		
						CID UnBlock:		
					Header F	Policy Profile:	NONE	
					S	ervice Route:	Pass 💌	
					Strict	Route Check:	Disable 💌	
			На	ndle SIP	Path Heade	r on Ingress:	Disable 💌	
			D	efault Se	rver Regld:	<none></none>		
					Defa	ult Server Por	t: <none> 💌</none>	
					Codema	p File Number:		
				SIP	îmer T1(in I	nicrosecond):	0	
				SIP Inv	ite Max Retr	ansmit count:	0	
					Max SI	OP Session Id:	0	
					Max S	DP Version Id:	0	
					Sp	lit SIP Header:	0	
							Accent Larne SIP Header	-
						M	odify Cancel	

Modify Realm	×
Signaling Media Rate Limit QoS	
Realm Signaling Address: 192.168.203.102	
Subnet Mask: 255.255.224	
Domain Names (Comma Separated):	
Dynamic EP Domain:	
Vnet Name: pri_sig_vn	
Sip Port 1:	
Sip Port 2:	
Sip Port 3:	
TLS Port 1:	=
TLS Port 2:	
TLS Port 3:	
TLS Certificate Domain: NONE	
TLS Client Certificate: REQUESTED NOT ENFORCED	
TLS Fallback: none 💌	
Store Inactive Endpoints:	
Remove 100rel supported HDR	
Remove timer supported HDR	
Forward options without username: Inherit from system 💌	
Remove Prohibited Codec PTime:	
Pass Contact HDR UserName:	
Allow All Dynamic Endpoint From Users:	
Dunamia Quarrida Daguiradu	
Modify Cancel	

o iServer Configuration	×
SIP H.323 FCE Billing QoS System Rate Limit Advanced Logging	A
Fnable Media Service Firewall Rogue RTP detect Fnable PCMM	
Internal Interfaces: all	
RTP Timeout (in seconds) 0 🗹 Disable RTCP Timeout (in seconds) 0 🗹 Disable	
🔶 🗋 Media Devices 🕴 🗣 🗖 Media Resource Pools 👘 🔶 🗇 Media Vnets	
	=
P C Pool 3(attmediapool3)	
MediaPorts attmedia:32.252.201.153:16384-32764	
	-
	•
OK Close Refresh	

On the iServer FCE tab the pool for media to AT&T.

Be sure the media ports are in the range requested by AT&T.

	Modify SIP Gateway:attipflex/0	×
	Phone Advanced User Info Protocol Calls Rate Limit	
	Phone	
	Partition:	
	Device Type: SIP Gateway	
	Registration ID: attipflex	
	Port Number: 0	
	IP Address: 12.194.20.88	
	Allow Dynamic Registration	=
	Extension:	
	Calling Plan:	
	Carrier ID: 0	
	Realm: att-peer	
	Domain Name: <none></none>	
	IEdge Group: 1	
	Transcoding: Not defined	
	Codec Profile: <pre></pre>	
	no T.38 support	
	Blacklist Enable	-
[
	OK Cancel	

Configure a SIP Gateway Endpoint to AT&T.

Enter the IP Address for the AT&T SIP Proxy and the Realm you created.

On the Protocol tab.

Modify SIP Gateway:attipflex/0			x
Phone Advanced User Info Protocol Calls Rate Limit			•
	Gateway/Proxy		
☑ Gateway/Proxy			
Priority:			
	SIP/H323		
✓ SIP Configure			
H.323 Configure			
Disable SIP 183 Suppo	ort On Peer		
URI (SIP / H323) 12.194.20.88			=
Ani Based Auth 🗾 🗸		=	
Enforce Privacy no -			
Mid Call Codec Change Unknown 💌			
Calling Party Number Type: Pass(Default)			
Codemap File Number:			
	Cisco GTD		
Enable Cisco GTD supp	port		
	Trunk Group		
x-route-tag Support			
Src. Trunk Group:			
Dest. Trunk Group: att_sa			•
OK Cancel			

Add the URI.

Modify SIP Gateway:attipflex/0				x
Phone Advanced User	Info Protocol Ca	Ills Rate Limit		•
	Enforce Privacy	no 💌	-	
Mi	d Call Codec Change	Unknown		
Calling	Party Number Type:	Pass(Default)		
C	odemap File Number:			
		Cisco GTD		
		Enable Cisco GTD support		
		Trunk Group		
		x-route-tag Support		=
	Src. Trunk Group:			
	Dest. Trunk Group:	att_sa		
New Src. I	ngress Trunk Group:			
New Src.	Egress Trunk Group:	sa_att		
		Send Dest. Trunk Group		
		Remove Src. Trunk Group		
New Origi	nation TG on Egress:			
New Dest	nation TG on Egress:		=	
		Trunk Context		
		Support For 4904 Originating Trunk Group		
S	ource Trunk Context:			-
•			•	
	ОК	Cancel		

Set the Dest. Trunk Group and New Src. Egress Trunk Group.

Modify SIP Gateway:attipflex2/0	—
Phone Advanced User Info Protocol Ca	Ils Rate Limit
	Phone -
Partition:	admin 💌
Device Type:	SIP Gateway 🔻
Registration ID:	attipflex2
Port Number:	0
IP Address:	12.194.18.88
	Allow Dynamic Registration
Extension:	
Calling Plan:	
Carrier ID:	
Realm:	att-peer
Domain Name:	<none></none>
IEdge Group:	
Transcoding:	Not defined 💌
Codec Profile:	<none></none>
	no T.38 support
	Blacklist Enable
ОК	Cancel

Add another Endpoint for the backup proxy.

Enter the IP Address for the AT&T SIP Proxy and the Realm.

On the Protocol tab.

hone Advanced User Info Protocol Calls Rate Limit	
Gateway/Proxy	^
✓ Gateway/Proxy	
Priority:	
SIP/H323	
✓ SIP Configure	
H.323 Configure	
Disable SIP 183 Support On Peer	
URI (SIP / H323) 12.194.18.88	
Ani Based Auth no 🔽	=
Enforce Privacy no 🔽	
Mid Call Codec Change Unknown 🗸	
Calling Party Number Type: Pass(Default)	
Codemap File Number:	
Cisco GTD	
Enable Cisco GTD support	
Trunk Group	
x-route-tag Support	
Src. Trunk Group:	
Dest. Trunk Group: att_sa	
	•

Add the URI.

۲	Modify SIP Gateway:attipflex2/0	— ×
	Enable Cisco GTD support	
	x-route-tag Support	
	Src. Trunk Group:	
	Dest. Trunk Group: att_sa	
	New Src. Ingress Trunk Group:	
	New Src. Egress Trunk Group: sa_att	
	Send Dest. Trunk Group	
	Remove Src. Trunk Group	
	New Origination TG on Egress:	
	New Destination TG on Egress:	=
	Trunk Context	=
	Support For 4904 Originating Trunk Group	
	Source Trunk Context:	
	Destination Trunk Context:	
	New Source Ingress Trunk Context:	
	New Destination Ingress Trunk Context:	
	New Source Egress Trunk Context:	
	New Destination Egress Trunk Context:	
	OK Canad	

Set the Dest. Trunk Group and New Src. Egress Trunk Group.

💿 Mo	dify SIP Proxy:demostandalone/2	×
Pho	Advanced User Info Protocol Calls Rate Limit	^
		Phone
	Partition:	
	Device Type: SIP Proxy	
	Registration ID: demostandalone	
	Port Number: 2	
	IP Address: 74.203.183.52	
	Allow Dynamic Registration	_
	Futuraine	
	Extension:	_
	Carrier ID: 0	_
	Realm: attintpeer	
	Domain Name: <none> <</none>	
	IEdge Group: 1	
	Transcoding: Not defined	
	Codec Profile:	
	no T 38 support	
	Blacklist Enable	
•		
	OK Cancel	

Now add the Endpoint to the GENBAD AS

Enter the IP Address for the AS (SESM1ServiceAddr) and the Realm.

On the Protocol tab.

	Modify SIP Proxy:demostandalone/2	×
	CISCO GID	
	Enable Cisco GTD support	
	Trunk Group	
	x-route-tag Support	
	Src. Trunk Group:	
	Dest. Trunk Group: sa_att	
	New Src. Ingress Trunk Group:	
	New Src. Egress Trunk Group: att_sa	
	Send Dest. Trunk Group	
	Remove Src. Trunk Group	
	New Origination TG on Egress:	
	New Destination TG on Egress:	=
	Trunk Context	=
	Support For 4904 Originating Trunk Group	
	Source Trunk Context:	
	Destination Trunk Context:	
	New Source Ingress Trunk Context:	
	New Destination Ingress Trunk Context:	
	New Source Egress Trunk Context:	
	New Destination Egress Trunk Context:	
		• •
[
	OK Cancel	

Set the Dest. Trunk Group and New Src. Egress Trunk Group.

4.2 AS Configuration – MCP

Access the AS MCP GUI and configure the SIP link to the SBC.

Add the Address for the SBC Private interface. Configure an External Node and a Informational Element.

MCP System Management Console : MCP_17.0.22.6.2015-05-07-1226 ; jason : 74.203.183.51							
Elle Views Administration Tools Help							
I I I I I I I I I I I I I I I I I I I							
Total Alarms: 0 Critical: 0 Major:	0 Minor: 0 Warning:	0					
Ketwork Data and Mtc	SIP Profiles		📕 🥩 Edit SIP Prof	ile attipflex		×	
Regional Patch Selector	Profile Name /	Description	Profile Name :	attipflex		-	
Banners	A2PC	A2 PC or GENCom for Windows	Description :	Default for attipflex		_	
SNMP Profiles	accas	accas	Signaling				
Physical Sites	Accord	accord	Signaling	Dequest Calestian :	Calact Deguasta	Ξ	
SMDI Servers	acpri	acpri		Request Selection .	Select Requests		
🖉 External Nodes	AlcatelLucentiSAM	Alcatel_Lucent ISAM		Redirect Response Allowed :	V		
Informational Elements	attinflex	Default for attinflex		Header Selection :	Select Headers		
External SIP Proxies	Audiocodes	audiocodes		Filter Incoming Allow Header Content :	Select Allow Methods		
External Application Manag	AudiocodesSipGatewayMP	AudioCodes MP IAD PROFILE		Service Configuration :	Configure Service XML Data		
Session Border Controllers	AvayalPPhone11	AvayalPPhone11		Tags Allowed :	v		
Messaging Gateways	AX120	LG AX120 IAD		Allow User Info Parameter :			
AAA Profiles				Request x-nt-profile Header :			
AYT Profiles				Add celling period diaplays			
Rerouting Profiles	-			Add calling party display.			
Third Party Notification Sen				Max Headers :	200		
System SIP Authentication				Max Header Length :	1024	_	
Task Scheduler				Max Block Size :	4096	_	
Session Policy Server				Hookflash URI username :	flash	_	
e SIP Profiles				Digit Timeout URI username :	digit timeout	-	
SIP Profiles				Emergency Mid Call Reject :			
Import SIP Profiles				User User Mode1 :			
K Endpoint Maintenance				Require Briedh DingBook :			
🗉 📹 Lawful Intercept				Require Phonty RingBack.			
🗉 💼 Cipher Suites				Play Announcements :			
🗉 🛄 Certificate Management				Unique Call IDs :			
Media Portal Data				Ephemeral Source port -			
Online Charging				Allow D Assested Identify Handra			
OAM Profiles				Allow P-Asserted identity Header :			
C20 Converged Softswitch						·	
🗉 📹 External IMS Elements	-			Apply Cancel Cor	ру		

Next define a SIP Profile for use with the AT&T link.

rofile Name :	attipflex				
Description :	Default for attipflex				
Signaling					
	Re	equest Selection :	Select Requests	=	
	Redirect Re:	sponse Allowed :			
	н	leader Selection :	Select Headers		
_	Filter Incoming Allow	Header Content :	Select Allow Methods		
1	SIP Header Selection				
	Head		low Available Headers		-
- 5	I lead IP Header Selection	ien rocessing A	IOW Available Headers, *		
			Augusta II. a daga		
	elected Headers		Available Headers		
L L	-nt-alter-id		min-eversion		-
1 X	-nt-corr-id		min-se		
x	-nt-auid		organization		
x	-nt-location		p-access-network-info		
x	-nt-party-id	>>	p-asserted-identity		=
5			p-charging-function-addresses		
		<<	p-charging-vector		
			p-early-media		
			p-served-user-identity		
			p-visited-network-id		
			path		
			pchargingfunctionaddressesjav		
			priority		*
		Apply	Cancel		

Under Header Selection verify that p-called-party-id is not in the Available Headers selection.

🥩 Edit SIP Profil	e attipflex		×
Profile Name :	attipflex		<u>^</u>
Description :	Default for attipflex		
Signaling			-
	Request Selection :	Select Requests	-
	Redirect Response Allowed :		
	Header Selection :	Select Headers	
	Service Configuration :	Configure Service XML Data	
	Tags Allowed :		
	Allow User Info Parameter :		
	Request x-nt-profile Header :		
	Add calling party display :		
	Max Headers :	200	
	Max Header Length :	1024	
	Max Block Size :	4096	
	Hookflash URI username :	flash	
	Digit Timeout URI username :	digit_timeout	
	Emergency Mid Call Reject :		
	User User Mode1 :		
	Require Priority RingBack :		
	Play Announcements :		
	Unique Call IDs :		
	Ephemeral Source port :		
	Allow P-Asserted Identity Header :		Ŧ
•			•
	Apply Cancel Cor	ру	

B Edit SIP Profile attipflex	23
Use Calling Party as From : 🔍	*
Use Options : 🕅	
Consult XFer SVC needed :	
Force Homed User :	
Require Conference Parameter Swap : 📃	
Require Refer To Privacy Swap : 📃	
Delay XFer202 : 📃	_
Alert Information Set Selection : Select	Alert Information Set
Subscribe Param Selection : Select	Subscribe Params
Require Alert Into Header :	
Refer Response :	
Suppress Long call :	
Static Client Type :	
Refer To Substitution :	
IN Session Authentication :	
MCD Update Call Model :	
Use From Header For Subr Lookup :	
Add Diversion Header :	
Use Request URI As TO :	
Remove Unknown Paid :	
Handle Refer On As :	
Use IP as FROM Domain :	
Remove Replaces Support :	*
	•
Apply Cancel Copy	

Check Use Calling Party as From and Add Diversion Header.

🥩 Edit SIP Profile attipflex	
Remove NT-Endpoint from Request URI :	■ ▲
Remove NT-Endpoint from Contact :	
Alteon 302 Redirection :	
Allow DualCli when Privacy header is Set:	
Require PRACK :	
Use UA-Profile Event Package for MWI :	Special Condition Tone
Override Host in From URI after Translation :	
Set username for CLI unavailable :	anonymous 🔻
Set username for CLI private :	Private number 🔻
AS Provides Subsequent Ringback :	
Treats Sendonly as Hold :	
Remove Phone Context :	
PIDF-LO :	
Use DN For Paid :	
Use PCharge Info :	
No Ring Alert Info :	http://127.0.0.1/No-Ringing
Multi-Mode Handset (MMH) :	
NTMMH :	
Apply Privacy On Trusted Node :	
Do Not Send Route Header :	
Disable Slow Start :	Select Services
< III	4
Apply Cancel Cop	у

🥩 Edit SIP Profile attipflex	
Foreign Server Use As Interapp :	▲
Remove NT parameters from Refer-To :	
From Change Header Allowed :	
Send "183 Session Progress" Notify For Transfer In Progress :	
Use Default IM Encoding :	
Add CDPad Parameter :	
RFC4235 Compliant Dialog NOTIFY :	
Retain Contacts On Active Call :	
VM Server Indication in MWI :	
Use 401 for Authentication :	
Post Progress Signaling Alteration :	
Use 401 for Only REGISTER Authentication :	
BLF - Same Dialog ID for Forked Calls :	
Supported Intercom Header :	
Use DN for Request URI :	
Send "180 Ringing" Notify For Transfer After "202 Accepted" :	=
Dialog Notify Update For Advatel :	
Correct Refer to For Advatel :	
Send "491 Request Pending" for rapid re-INVITE or UPDATE. :	
Send "486 Busy Here" for GCP busy tone. :	
Media	
Audio Codec Selection : Select	Audio Codecs
Video Codec Selection : Select	Video Codecs 🗸 🔻
Apply Cancel Cor	2V

Edit SIP Profile attipflex	—X —
Media	A
Audio Codec Selection :	Select Audio Codecs
Video Codec Selection :	Select Video Codecs
Audio PTime Selection :	Select Audio PTimes
Insert PTimes :	None -
Info Digit Negotiation :	
Codec Change :	
Pivot Allowed :	
All Content :	
InfoDigit :	
Insert38Desc :	
Hold Needed :	
Use Network PTime :	
Remove SDP From PRACK :	
Allow Avaya Enterprise Content :	
Remove SRTP :	
Multiple Early Media Dialog :	
Remove Redundant SDP from 200 OK :	
Supports Early Media Detection :	
RFC 3264 Compliant Hold-Retrieve :	
Remove Application Media Attribute If Collab Session :	E
Drop Calls With No Audio Codecs Following Filtering :	
Disable Retrieve with Slowstart :	
<	
Apply Cancel	Сору

4.3 AS Configuration – Prov

Access the AS Prov WEB GUI.

File Edit View Favorites Tools	Help				
GENBAND Pr	ovisionin	g Client			
User Domain Services	Translations	IPCM Solution	System A	Admin Tools	Index
Service Node					a = 12
Node					· (남 태) Home
Modify_attinflex Node name_attinflex	*			7	
Node address	attflx	Select Addre	ess Name		
Node type attipflex Location Other V	~				
Behind 1-to-1 NAT					
Enhanced IM					
	Save				

Under Translations, Service Nodes, add a Node for the AT&T link to the SBC. Enter a Node name. For the Node address choose the one built prior, the Information Element name. Node type will be the SIP Profile name you built. Check the Is trusted box.

ervice Node						? 📧
						Ho
Node address	• Interview of the second seco	Select Address Name				
Node type attipflex Location Other V Is trusted V						
Enhanced IM						
Dual CLI	Save					
Name	Туре	,	Address	Domains	Delete	

Click on Domains.

GENBAND Provisioning Client									
User	Domain	Services	Translations	IPCM	Solution	System	Admin	Tools	Index
Serv	ice Node								? 困 副
Service Node ? E P									
S	ave								

Add your SIP Domain and hit save. This finishes the build of the link for the SIP trunk to the SBC.

Verify for the SIP users that will utilize the AT&T IPFLR service that the following is set. Select the user/s and go to User Routing.

GENBAND Provisioning Client									
User	Domain	Services	Translations	IPCM	Solution	System	Admin	Tools	Index
User	User ? To P?								
Sea	rch Advance	ed Search 🛛 🖌	Add Add User Wi	th Defaults	Domain Defa	aults			
Sele	Select user (user@domain) Search								
User	Routing Servi	се							? 困 副
Stat	Static Routes Charge ID User Identification								
Select user (user@domain) 2028680@demogenbar >> Private charge ID 9722028680 Public charge ID 9722028680 Save									

Verify the Public charge ID is set to a valid DID for the AT&T IPFLR trunk.

5 Troubleshooting

Issue isolation should be the first step. Perform traffic captures at various points in the call path to isolate were the fault begins. If the issue is isolated to a GENBAND product then contact GENBAND customer support. Call: 1-866-GENBAND WEB: www.genband.com