

VLink + Chime Configuration Guide





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AWS Chime Configuration (AWS Settings)

This portion of the guide will show how to create an AWS Chime Voice Connector and purchase phone lines for use with VLink Virtual Matrix.

Clo	oudFront	AIIId2011 LEX	Pinpoint
Route 53Amazon Machine LearningSimple Email SerAPI GatewayAmazon Personalize	Simple Email Service		
	Gateway	Amazon Personalize	
Dir	ect Connect	Amazon Polly	Ducineer Amplications
AWS App Me	/S App Mesh	Amazon Rekognition	Business Applications
AM	/S Cloud Map	Amazon Textract Alexa for Business	Alexa for Business
Glo	Global Accelerator 🔽 Amazon Trans	Amazon Transcribe	Amazon Chime 🗹
		Amazon Translate	WorkMail

From the AWS Management Console navigate to the Business Applications section and select Amazon Chime.

Amazon Chime	Phone number management
Accounts Calling	Inventory Deletion queue Pending Orders
Getting started Phone number management	Provision phone numbers
Voice connector groups	Order ID

On the left select Phone number management, select the Orders tab and then click Provision phone numbers.

IL	Calling does not support toll free phone numbers. If you have a default calling name set, it is assigned to newly provisioned phone numbers. Learn more
Orders	 Business Calling Voice Connector
o port existing	Cancel Next
	Order date

Select Voice Connector and then click Next. Follow the prompts to purchase a phone number.

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Amazon Chime	Voice connectors
Getting started	Create new voice connector
Accounts	
Calling	
Getting started	
Phone number management	
Voice connector groups	
Voice connectors	
Global Settings	

On the left select Voice connectors and then click Create new voice connector.

AWS region		Streaming
US West (Oregon)	▼	
Encryption Enabled (Recommended) Disabled 	Ļ	
	Cancel Creat	e

Enter a name for your Voice Connector and Disable Encryption then click Create.

Note: You will need to create a new Voice connector for each phone line.

General Termination Origination Streaming Phone numbers Logging
Enable Termination settings to control outbound calling from your SIP infrastructure. Learn more.
Termination status
 Enabled Disabled
Outbound host name The unique hostname your SIP infrastructure uses for outbound calls.
Outbound host name
dvqtjy6ev8gm5hept1igzk.voiceconnector.chime.aws
Alle wed hosts list*
New Actions v

Select your new Voice Connector and navigate to the Termination tab. Set Termination status to enabled and then click New in the Allowed hosts list section.

Edit allowed list				×
Enter the IP addresses of allowe IP addresses). CIDR Notation	ed hosts. The m	iinimum alle	owed network mas	sk is /27 (32
74.208.207.137	8	/ 32	▼	↓
			Cancel	Save

Enter the IP address of your EC2 instance and then click Save. Scroll down to the bottom of the Termination page and click Save.

General	Termination	Origination	Streaming	Phone numbers	Logging	
Enable orig	ination settings to	control inbound call	ing to your SIP ir	ıfrastructure. Learn m	e.	
Origination	i status					
 Disable 	d					
Inbeu	nd routes*					
Configure	e inbound routes for y	our SIP hosts to receive	nbound calls. You c	an create up to 10 routes		
New	Actions					

Navigate to the Origination page and under Origination status select Enabled. Click New under the Inbound routes section.

	Host		
	74.208.207.137		
	Port		
	5060		
	Protocol		
	UDP 🗸		
for your SIP hosts to receive inbound calls. You c	Priority		
	1		
	Weight		
Host	5	↓ ↓	Priority
		Cancel Add	

In the Host section enter the IP address of your EC2 instance then fill out the remaining fields as shown then click Add. Scroll down to the bottom of the page and click Save.

g	Phone numbers Loggin	ng	
			Assign from inventory
		<u>ی</u>	Previous N

Navigate to the Phone numbers section and then click Assign from inventory. Select your desired phone number and then click Assign from inventory to add the line to the Voice Connector.

AWS Chime Configuration (VLink Settings)

† Syste	m Status 🥕	System Ma	intenance -	System C	configuration	n . 6	System Info	ormation -			
	${\cal C}$ Refresh	Add	Jedit 🖉	Selector Ass	ignments	Auc	lio Settings	Option	ns 🛛 🛛 Enable	Delete	C Duplica
	Туре	•	Tall	/Listen Name	Listen Name	Only	Login Na	me L F	ogin Password	Description	
	▼ filter		filte	r	filter		filter	f	ilter	1	

Access the System Administration application either by clicking on the desktop shortcut or by entering the IP address of the VLink server in your browser's address bar. From the System Configuration tab select Client Configuration then click Add.

	Client Identification		on: Client Configurati
C Ref	Client Type:	SIP: Direct IP Trunk	
	Client Description:		
	*Login Name:	+19346669807	word
VCP VCP	Login Password:		*
VCP VCP VCP	Allow Anonymous Login:	ON OFF	M

For the Client Type select SIP: Direct IP Trunk and enter the Login Name in the format shown above. Add a Selector Talk/Listen name and then click Save.

C Refr	resh Add	🖋 Edit	Selector Ass	ignments	Auc	lio Settings	\$ Oj	ptions	Disable	Delete	仓 Dup
Туре		Talk	Talk/Listen Name		Listen Only Name		Login Name		า word	Description	
	▼ filter	filte	r	filter		filter		filter		filter	
SIP	Direct IP Trunk	934	-666-9807			+1934666	69807			AWS Chime	

Highlight the client you just created and then select Options from the menu.

SIP Direct IP Trunk / Registered Trunk Options		
SIP Target User Name		
SIP Target Primary Host Name	fpiz4zdfboxjsulzknvvwg.voiceconnecto	
SIP Target Secondary Host Name		
SIP Target Proxy Server IP Address (optional)		

In the SIP Target Primary Host Name field enter your Voice Connector ID in the format <Voice Connector ID> .voiceconnector.chime.aws.

Note: When making an outbound call from VLink you will need to precede the phone number with +1. www.rtsintercoms.com

rts.customerservice@us.bosch.com Copyright © 2020 Bosch Security Systems For more information of how to configure your VLink server please read the VLink Virtual Matrix System Administration Web User Guide.