

Tutorial AGI para Elastix (port.php + consulta.php) v.2



- 1. Requisitos do sistema:
- Instalação do Elastix 2.X.X*;
- Chave URL da Telein para consultar;
 *obs: Foi utilizado durante o tutorial a versão 2.5.0 64Bits do Elastix.

2. Habilitar o FreePbx

Para se criar um contexto personalizado é necessário que os módulos Mic Aplication e Custom Destinations estejam instalados.

Passo-a-passo

2.1 Seguindo a imagem localize a aba Security (2)



2.2 Em seguida clique em Advanced Settings

A elastix		61911411
	System Agenda Email Fax PBX IM Security	
Firewall Audit	Weak Keys Advanced Settings	
Firewall Rules	😵 Firewall Rules	☑ + ★ ?
Define Ports	WARNING	Dismiss
Port Knocking Interfaces	The firewall is currently deactivated. It is recommended to always have it activated	
Port Knocking Users		
	Activate FireWall	i≪ ← Page 1 of 1 ▶ ▶i
History	Order Traffic Target Interface Source Address Destination Address Protocol	Details

2.3 (1) Ativar o FreePBX, (2) Inserir a senha de acesso ao Elastix nos campos solicitados (3) Clicar em Save.





3. Criando um "Custom Destinations":

O "Custom Destinations" permite que você personalize seu destino e direcionar Dial Plans personalizados e também disponibilizar para outros módulos.

3.1 Clique em PBX (1), em seguida clicar ao final da barra de menus (Option) em Unembedded FreePBX (2).

7	Alastiv	See B.								1111	6 19 1 i	1412
		System	Agenda	Email	Fax	PBX	IM	Report	s 🗸			
PE	X Configuration Operator Pane	el Voicema	ils 🕴 Calls Re	ecordings Bat	ch Configuratio	ns Conferen	ice	Tools	Flash Operat	or Panel		
	PBX Configuration				1-	Clicar em PBX						* ?
	Feature Codes Outbound Routes Trunks Inbound Call Control Inbound Routes DAHDI Channel DIDS	Add a Please se	elect your Devic	on e below then c	ick Submit						Add Exter	ision
	Announcements Blacklist CallerID Lookup Sources Call Flow Control Follow Me	- Device Device Submit	Generic SIP (Device 💌								
	IVR Queue Priorities Queues Ring Groups Time Conditions											
	Time Groups Internal Options & Configuration Conferences Languages Misc Applications											
	Misc Destinations Music on Hold PIN Sets Paging and Intercom											
	Parking Lot System Recordings VoiceMail Blasting Remote Access Callback											
	DISA Option Unembedded FreePBX®		2 - Clicar e	em Unembedd	e <mark>d</mark> FreePBX							

3.2 Dependendo da versão instalada do Elastix, será solicitado o login e senha, caso contrário entrará sem a solicitação de autenticação no FreePBX. Os dados de acesso serão o mesmo login e senha de acesso para acessar o elastix

O servidor https://192.168.	23.69:443 requer un	n nome de
usuario e senha. O servidor	r diz: FreePBX Admi	nistration.
man man -		
Nome de usuário:		
Senha:		



 Com o acesso a tela do FreePBX*, clicar na aba "Admin" (1) e em seguida "Custom Destinations" (2).

Asterisk CLI Asterisk Phonebook	em Status			
Backup & Restore	reePBX Notices		System St	tatistics
Blacklist CallerID Lookup Sources	OP server	0	Proces	sor
Custom Destinations	2-Clicar em Custom	00	Load Average	0.12
Custom Extensions	e available	0	CPU	2%
OUNDi Lookup	Destinations or online update checks	0	Memo	ory
OP Panel	prv used by 1 IVRs	00	App Memory	61%
eature Codes			Swap	0%
reePBX Support			Disk	S
ava SSH	eePBX Statistics		la come	27%
Module Admin			<mark>/bo</mark> ot	10%
John Support		0	/dev/shm	0%
none Kestart		0	Netwo	orks
system Recordings		0	eth0 receive	0.56 KB/s
otal active channels		0	eth0 transmit	0.59 KB/s

*obs: Dependendo da versão do Elastix, o FreePBX pode sofrer alterações no seu layout e em alguns itens de localização na configuração.

- 1. Na tela do "Custom Destinations" (1), adicione custom-port, s, 1 :que significa o contexto terá o nome custom-port na extensão 's' na prioridade 1;
- No item "Description" (2) adicionar Telein-Portabilidade:: é a descrição/nome do destination;
- 3. Em seguida clique em "Submit" (3) e aplique as configurações clicando na opção "Apply Config"

as available destinations warnings or errors in the Destinations' chooser wil field.	to other modules. This is an a notification panel about CUST allow you to choose and inse	advanced feature FOM destinations ert any such desti	and should only be u that are correct, you nations that the regi	ised by knowledgeable should include them he stry is not aware of into	users. If you are g re. The 'Unknowr the Custom Desti
Edit Custom Destination					
Custom Destination:	custom-port,s,1 (pick destination) 👻	1			
Description: Notes:	Felein-Portabilidade	2			
Submit Changes De	lete				

4. Criando um Misc Aplications



4.1 Clique na aba "Applications" (1), em seguida em "Misc Aplications".

Admin 🔹	Applications 💌	domnClicar napaba Applications anel Other -	Logout: admin Language
Edit: Telei	Announcements Call Flow Control	ade	Add Custom Destination Telein-Portabilidade
Custom Destina as available des warnings or errc Destinations' ch field.	Callback Conferences DISA Extensions Follow Me	register your custom destinations that point to custom dialplans and will also 'pu odules. This is an advanced feature and should only be used by knowledgeable panel about CUSTOM destinations that are correct, you should include them h to choose and insert any such destinations that the registry is not aware of into	ublish' these destinations users. If you are getting ere. The 'Unknown the Custom Destination
Edit Custom Desti	IVR Languages		
Custom Destina Destination Qui Description: Notes:	Misc Destinations Misc Destinations Paging And Intercom Parking Queue Priorities Queues Ring Groups Time Conditions Time Groups Voicemail Blasting	atalian and a an	
Submit Changes	Delete	FreePBX is a registered trademark of Schmooze Com., Inc. FreePBX2.11.0.38 is licensed under the GPL	7e°

- No campo "Description" (1) coloque Telein-Portabilidade :: Será a descrição da aplicação;
- 2. No campo "Feature Code" (2) adicione X. :: é a quantidade de dígitos que será permitido;
- 3. No item "Destination" escolha Custom Destinations e ao lado Telein-Portabilidade (3).

17	Admin 🔻	Applications *	Connectivity 🔻	Reports *	Settings 🔻	User Panel	Other •	Apply Config	Logout: admin Langua	age 🔻
Ed	it Misc	Applicatio	n					5	Add Misc Application Telein-Portabilidade	n)

Misc Applications are for adding feature codes that you can dial from internal phones that go to various destinations available in FreePBX. This is in contrast to the **Misc Destinations** module, which is for creating destinations that can be used by other FreePBX modules to dial internal numbers or feature codes.

Edit Misc Application					
Description:	Telein-Portabilida X.	ad 1			
Feature Status:	Enabled 🔻				
Destination:					
Custom Destination	s 💌 Telein-Portal	ilidade 🕶 3			
Submit Changes	Delete				
4					
	XX	FreePBX	FreePBX is a registered tradema Schmooze Corn., Inc.	Schmooz	é°.
		let freedom ring™	FreePBX 2.11.0.38 is licensed under	r the GPL Schmooze Com Inc.	0

5. Editando o Extensions_custom.conf



Volte para a tela do Elastix e siga o passo-a-passo abaixo:

Passo-a-passo

5.1 Cliquem em "PBX" (1)e em seguida "Tools" (2).



5.2 Clique em "Asterisk File Editor" (1), "Show Filter" (2), no campo de busca (File) digitar no campo em branco extensions_custom.conf e em seguida clicar em "Filter" (3).

	System Agenda	Email Fax	РВХ І	M Reports V	• 9 i ¥ 1
PBX Configuration Operator Pane	el Voicemails Ci	alls Recordings Batch Configurat	ions Conference	Tools Flash Operator Pa	nel
Asterisk-Cli 1	🛃 Asterisk File Edi	tor			☑ 네 ★ ?
Asterisk File Editor	+ New File	lide Filter 🗻 🙎			i≪ ≪ Page 1 of 8 ▶ ₩
Text to Wav Festival	File: extension	s_custom.conf Filter 3			
Recordings	File Name			File	Size
	acl.conf			281	6

5.3 Clique em "extensions_custom.conf".





5.4 Adicionar o texto abaixo no final arquivo e em seguida clicar em "Save".

[custom-port]	
$exten = \sum_{x, 1, noop} (####################################$	
exten => _X.,n,NoOp(################### Telein ####################################	
exten => _X.,n,NoOp(####################################	
exten => _X.,n,AGI(port.php)	
😤 Asterisk File Editor	
« Back File: extensions_custom.conf Save Reload Asterisk	
<pre>exten => 5555,1,Answer exten => 5555,n,Wait(3) exten => 5555,n,CEMysgl() exten => 5555,n,Hangup [calendar-event] exten => *7899,1,Answer exten => *7899,2,Playback(\${FILE_CALL}) exten => *7899,3,Wait(2) exten => *7899,4,Hangup() [weather-wakeup] exten => *61,1,Answer</pre>	
<pre>exten => *61,2,AGI(nv-weather.php) exten => *61,3,Hangup exten => *62,1,Answer exten => *62,2,AGI(wakeup.php) exten => *62,3,Hangup</pre>	
<pre>[custom-port] exten => X.,1,NoOp(####################################</pre>	and the second s

6. Criar o arquivo para consulta

Acesse a máquina através de um terminal e entre no diretório crie o arquivo com o conteúdo abaixo:

```
#!/usr/bin/php
<?php
require_once ("/var/lib/asterisk/agi-bin/phpagi.php");
$agi = new AGI();
$agi->verbose("CALLER ID: " . $agi->request[agi_callerid]);
$callerid = $agi->request["agi_callerid"];
$agi->verbose("EXTENSION: " . $agi->request[agi_extension]);
$extension = $agi->request[agi_extension];
$consulta = exec("php /var/lib/asterisk/agi-bin/consulta.php $extension");
$operadora = explode("#", $consulta);
$agi->verbose("Numero Consultado: " . $consulta);
$agi->exec('Dial', "Local/$operadora[0]$operadora[1]@from-internal");
$agi->hangup();
exit();
?>
```

Comandos via terminal utilizados:



- touch port.php :: Cria o arquivo consulta.php;
- chmod 777 port.php :: Comando para permitir que o script de consulta seja executado;
- nano port.php :: editor do Linux para copiar o conteúdo;

```
Arquivo: port.php
  GNU nano 1.3.12
/usr/bin/php
<?php
require once ("/var/lib/asterisk/agi-bin/phpagi.php");
$agi = new AGI();
$agi->verbose("CALLER ID: " . $agi->request[agi callerid]);
$callerid = $agi->request["agi callerid"];
$agi->verbose("EXTENSION: " . $agi->request[agi extension]);
$extension = $agi->request[agi extension];
$consulta = exec("php /var/lib/asterisk/agi-bin/consulta.php $extension");
$operadora = explode("#", $consulta);
$agi->verbose("Numero Consultado: " . $consulta);
$agi->exec('Dial', "Local/$operadora[0]$operadora[1]@from-internal");
$agi->hangup();
exit();
?>
```

obs: Salvar e sair do port.php

7. Criando o arquivo consulta.php

Ainda no diretório "/var/lib/asterisk/agi-bin/", crie o arquivo consulta.php e coloque o código abaixo, substituindo o termo DDD pelo código de área da sua região sem o zero e o termo senha por sua senha URL (com aspas simples) recebida do sistema após o cadastro no site da Telein. No endereço URL pode utilizar qualquer um dos três servidores disponíveis: consultoperadora1.telein.com.br, consultoperadora2.telein.com.br ou também o consultoperadora3.telein.com.br, todo o endereço deve estar entre aspas duplas.

```
<?php
$dd= DDD;
$numero = $argv[1];
$chave= 'senha';
if(strlen($numero) < 10 ){
$numero = $ddd.$numero;
}
$url =
"http://consultaoperadora2.telein.com.br/sistema/consulta_operadora.php?numer
o=$numero&chave=$chave";
$texto_resposta = file_get_contents($url);
echo $texto resposta;</pre>
```

obs: Caso o padrão de resposta da consulta seja no formato reduzido, o link do campo **\$url** será modificado de consulta_operadora para consulta_numero:



Ex:

\$url

"http://consultaoperadora2.telein.com.br/sistema/consulta_numero.php?numero=\$numero&chave=\$c have";

=

- O padrão de resposta para o "consulta_numero" virá no formato: 98#8134542323
- Para o padrão de resposta do consulta_operadora" virá no formato: 552046#8134542323

Para mais detalhes, consultar os links:

- Resposta : Link: <u>http://www.telein.com.br/portal/produtos/consulta-operadora/padrao-de-resposta-resumida/</u>
- Resposta : Link: http://www.telein.com.br/portal/produtos/consulta-operadora/padrao-de-resposta-detalhada/

Comandos via terminal utilizados:

- touch consulta.php :: Cria o arquivo consulta.php;
- chmod 777 consulta.php :: Comando para permitir que o script de consulta seja executado;
- consulta.php :: editor do Linux para copiar o conteúdo;



obs: Salvar e sair do consulta.php

obs²: Lembrando de alterar o campo DDD sem o "0" para o da sua região bem como a chave. Ex:

\$ddd= 81

\$chave= 'chave de consulta URL' :: será a senha recebida para consulta a que contêm letras e números.

7. Testando a consulta

7.1 Adicionando o tronco

Vamos criar um tronco da portabilidade para testar as ligações seguindo o passo-a-passo adiante.



 Clique em "PBX" (1), em seguida clique em "Trunks" (2) e por fim clique em "Add Custom Trunk" (3).



- 2. Na página de edição do tronco coloque:
- Trunk Name: Portabilidade- que será o nome dado ao Tronco;
- Custom Dial String: Local/\$OUTNUM\$@custom-port em seguida clique em "Submit Changes"

PBX Configuration		☑ ⊪ ★ ?
Basic		
Extensions		
Feature Codes		Add Trupk
Outbound Routes	Add CUSTOM Trunk	Add Hulik
Trunks		Channel go (dandi)
Inbound Call Control		
Inbound Routes	General Settings	
DAHDI Channel DIDs		
Announcements		
Blacklist	Trunk Name : Portabilidade 1 - Digitar o nome para o tronco	
CallerID Lookup Sources	Outbound CallerID [®] :	
Call Flow Control		
Follow Me	CID Options CID Allow Any CID	
IVR	Maximum Channels :	
Queue Priorities		
Queues	Astensk Trunk Dial Options	
Ring Groups	Continue if Busy [®] : Check to always try next trunk	
Time Conditions	Disable Trunk : Disable	
Time Groups		
Internal Options & Configuration	Dialed Number Manipulation Pulse	
Conferences		
Languages		
Misc Applications	(nrenend) + prefix match pattern 0 🛱	
Misc Destinations	(hickena) · heav luncer bacen	
Music on Hold	+ Add More Dial Pattern Fields Clear all Fields	
PIN Sets	Dial Pulso Wizarda (inck app)	
Paging and Intercom		
Farking Lot	Outbound Dial Prefix :	
VoiceMail Placting		
Remote Access	Outgoing Settings	
Callback		
DISA		
Option	Custom Dial String [®] : Local/\$OUTNUM\$@custom-port 2	
Unembedded FreePBX®	3 - Clicar em Submit	
	Submit Channes Duplicate Trunk	
	Subint Granges Copilcate Hunk	

Irá aparecer essa tela, apenas confirme clicando em "Ok"

It is highly recommended that you define an Outbound CallerID on all trunks, undefined behavior can result when nothing is specified. The CID Options can to continue?	control when this CID is used. Do you still want
	OK Cancelar

Confirmar a configuração clicando em Apply Config

Telein

PBX Configuration Operator Panel	Voicemails Calls Recordings	Batch Configurations Conference Tools	Flash Operator Panel
PBX Configuration			☑ ⊪ ★ ?
Basic		Apply Config	
Extensions			
Feature Codes		Λ	
Outbound Routes		42	
Trunks	Add a Trunk		Add Trunk
Inbound Call Control			Portabilidade (custom)
Inbound Routes	Add SIP Trunk	Clique aqui para aplicar as	Channel g0 (dahdi)
DAHDI Channel DIDs			
Announcements	Add DAHDi Trunk	configurações do tronco cri	iado
Blacklist			
CallerID Lookup Sources	Add IAX2 Trunk		
Call Flow Control			
Follow Me	Add ENUM Trunk		
IVR			
Queue Priorities	Add DUNDi Trunk		
Queues			
Ring Groups	Add Custom Trunk		
Time Conditions			
Time Groups			

8. Criando a Rota Portabilidade

8.1 Clique em "PBX" (1), "Outbound Routes" (2) e em seguida "Add_Route" (3).

O elastix	System Agenda	Email Fax	1 PBX	IM Rep	orts 🗸	6 Q i + 1
PBX Configuration Operator Pane	el Voicemails Calls	Recordings Batch Configuration	s Conference	Tools	Flash Operator Pane	21
PBX Configuration Basic Extensions Feature Codes Outbound Routes Trunks Inbound Call Contol Inbound Call Contol Inbound Call Contol DAHDI Channel DIDs Announcements Blacklist CallerID Lookup Sources Call Flow Control Follow Me IVR Queue Priorities Queues Ring Groups Time Conditions Calleropy	Add Route Route Settings Route Name®: Route CID:® Route Password:® Route Type:® Music On Hold?® Time Group:® Route Position®	Emergency Intra-Compar default • Permanent Route • Last after 9_outside •	Override Extension [©]	_		I→ ? 3 Add Route \$ 9_outside

- 8.2 Na página de edição da rota, coloque:
- Route Name: portabilidade:: nome dado à rota da portabilidade
- :: configuração dos dígitos recebidos para efetuar a consulta.
- Para adicionar mais campos clique em + addMore Dial Pattern Filders

Ex: de Configuração do Dial Pattern.



Prepend + prefix XXXXXXXX + callerId Prepend + prefix XXXXXXXX + callerId Prepend + prefix XXXXXXXXX + callerId Prepend + prefix XXXXXXXXXX + callerId

obs: a configuração acima será de acordo com a rota de saída da central definida pelo usuário, essa rota foi criada apenas para teste de consulta. A quantidade de X referencia a quantidade de dígitos recebidos, observe se sua região já possui o nono digito. No campo " Prepend" significa o números que serão adicionados antes da discagem, já o termo "prefix", está relacionado ao campo que será removido antes da discagem. Como a telein recebe o padrão de resposta correspondente a determinada operadora, o termo "prefix" será utilizado com o padrão de resposta para associar o padrão de resposta recebida para a rota correspondente, retirando o código de resposta.

Ex: Criarei uma rota simples para ligações locais incluindo o DDD local para celular sem o nono dígito e com o nono dígito para a operadora Tim, cujo o padrão de resposta detalhada da Telein é 553102.

081 + 553102 + XXXXXXXX 081 + 553102 + XXXXXXXXX

Sendo assim a minha rota irá tratar esse resposta mandando apenas o código DDD local + o número que foi discado.

Exemplo de criação da rota portabilidade:



lertD Lookup Sources I Flow Control low Me Route Name ®: portabilidade I - Definir o nome da Rota Route CDD: @ Route Password: @ Route Password: @ Route Password: @ Route Type: @ I Gorops ne Conditions te Groups Biloplations sc Applications sic on Hold J Sets jng and Intercom King Lot tstem Recordings call Recording ?: Allow Dial Patterns that will use this Route @ I + 1 [xxxxxxxxx /] I - Definir o nome da Rota Route Password: @ Route Password: @ Route Password: @ Route Position @ I - Definir o nome da Rota Route Password: @ Route Position @ I - Definir o nome da Rota Route Password: @ PIN Set @: I - Definir o nome da Rota Route Password: @ PIN Set @: I - Definir Commania King Lot Stem Recordings Call Recording ?: Additional Settings Call Recording ?: I - Definit Pastern Flags	racialec						
If How Control iow Me Re Priorities eue Priorities eues ing Groups he Conditions he Condition	allerID Lookup Sources	Route Name®:	portabilidade	1 -	Definir o	nome da Rota	
Note Route Password: eues eues gGroups he Conditions te Groups additional Settings Additional Settings Additional Settings Additional Settings Call Recording ic Applications is Gents ging and Intercom King Lot black SA Imbedded FreePBX(s) Pix Access iback iback SA Imbedded FreePBX(s) Pix Access iback SA Imbedded FreePBX(s) Pix Access iback SA Imbedded FreePBX(s) Pix Access Iback Call Patterns Helds C - Addicionar mais campos Dial patterns wizards : (pick one) Export Truck Sequence for Matched Routes	all Flow Control	Route CID: 0	-	Do	verride Extension 🤨		
eue Priorities eues gg Groups he Conditions he Conditions he Groups al Options & Configuration nferences nguages ic Applications sic on Hold I Sets ging and Intercom king Lot stem Recordings Codill Patterns that will use this Route ** embedded FreePBX®* Pix Add More Dial Pattern Fields 2 - Addicionar mais campos Dial patterns wizards *: (prepend + prefix) (prepend + prefix) (prepend + prefix) (prepend + prefix)	/R						
eues Route Type: ig Groups ne Conditions ne Groups le Options & Contiguration nferences nguages ic Applications ic Capplications ic Applications ic Destinations sic on Hold J Sets ging and Intercom king Lot stem Recordings codeMail Basting 104 Access Iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA n iback SA iback SA iback SA iback SA iback SA iback SA iback SA <	ueue Priorities	Route Password:					
ag Groups ne Conditions ne Groups al Ordinos & Configuration nferences nguages cc Applications sc Destinations sic on Hold I Sets jing and Intercom king Lot stem Recordings ceMail Elasting black SA inded FreePBX®* Via Additional Pattern Fields 2 - Addicionar mais campos Dial patterns wizards*: Lipeter of Matched Routes*	ueues	Route Type:	Emergency	Intra-Company			
ne Conditions ne Groups al Options & Configuration nferences nguages cc Destinations sic on Hold I Sets jing and Intercom rking Lot stem Recordings iceMail Blasting ite Access Iback GA ite mbedded FreePBX(®)* Additional Pattern Fields 2 - Addicionar mais campos Dial patterns wizards *: (prepend) + prefix [match pattern / CallerID] * + Add More Dial Pattern Fields 2 - Addicionar mais campos Dial patterns wizards *: (prepend) + prefix [match pattern / CallerID] * Export Dialplans as CSV*: Export Dialplans as CSV*:	ng Groups	Music On Hold?	default 💌				
Hille Groups al Options & Configuration neteronces nguages ic Applications ic Applications ic Applications ic Coestinations is ic on Hold I Sets ging and Intercom king Lot stem Recordings iceMail Blasting ide Access Iback SA embedded FreePBX(@) Hille Groups ide Access iceMail Blasting ide Access iback SA ide Access <td< td=""><td>me Conditions</td><td>Time Group 9</td><td>Permanent</td><td>Route</td><td></td><td></td><td></td></td<>	me Conditions	Time Group 9	Permanent	Route			
al Obtons & Configuration nferences nguages ac Applications sc Destinations sc Destinations sic on Hold I Sets jing and Intercom rking Lot stem Recordings iceMail Blasting the Access liback SA n embedded FreePBX(@) Pin Verifix [match pattern // CallerID] Latterns wizards ©: (pick one) Export Dialplans as CSV ©: Export Trunk Sequence for Matched Routes ©	me Groups	nine oroup.					
Additional Settings Additional Settings ac Applications sic on Hold I Sets ging and Intercom king Lot stem Recordings iceMail Blasting the Access liback SA embedded FreePBX®************************************	al Options & Configuration	Route Position	No Change				
Additional Settings Additional Settings PIN Set®: None Call Recording®: Allow Dial Patterns that will use this Route Dial Patterns that will use this Route Dial Patterns that will use this Route Dial Patterns that will use this Route () + () () () () () () () () () () () () ()	nterences						
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I Sets ging and Intercom king Lot stem Recordings iceMail Blasting to Access liback SA imbedded FreePBX®*	sic on Hold	PIN Set [@] :	None 💌				
ging and Intercom king Lot stem Recordings iceMail Blasting black SA Iback SA I I IXXXXXXXXX I I IXXXXXXXXXX I I IXXXXXXXXXX I I I IXXXXXXXXXX I I IXXXXXXXXXXX I I IXXXXXXXXXXX I <t< td=""><td>V Sets</td><td>Call Recording 0</td><td>Allow</td><td>-</td><td></td><td></td><td></td></t<>	V Sets	Call Recording 0	Allow	-			
king Lot stem Recordings iceMail Blasting black SA n embedded FreePBX®* Image: the state will use this Route for Matched Routes Dial Patterns that will use this Route for Matched Routes Image: the state will use this Route for Matched Routes Image: the state will use this Route for Matched Routes Image: the state will use this Route for Matched Routes Image: the state will use this Route for Matched Routes	ging and Intercom	odii Necording .					
stem Recordings iceMail Blasting black SA """"""""""""""""""""""""""""""""""""	king Lot	Dial Dottorno that will use th	in Douto				
iceMail Blasting black SA membedded FreePBX®® + [xxxxxxxx /]] + [xxxxxxxx /]] + Add More Dial Pattern Fields Dial patterns wizards®: (pick one) Export Dialplans as CSV®: Export Trunk Sequence for Matched Routes®	stem Recordings	Diai Patterns that will use th	is Route			-	
Jack Access Iblack SA Imbedded FreePBX®® Imbedded FreePBX®® Imbedded FreePBX®® Imbedded FreePBX®® Imbedded FreePBX®® Imbedded FreePBX®	iceMail Blasting						
SA embedded FreePBX® [®] + [xxxxxxxx /] * () + [xxxxxxxxx /] * () + [xxxxxxxx /] * () + [xxxxxxxxx /] * () + [xxxxxxxx /] * () + [xxxxxxxxx /] * () + [xxxxxxxx /] * () + [xxxxxxx /] * () + [xxxxxxxx /] * () + [xxxxxxx /] * () + [xxxxxxxx /] * () + [xxxxxxxx /] * ()	lback	()+	[XXXXXXXX]]) 🔒		
embedded FreePBX®	A	()+	IIXXXXXXXXX				
embedded FreePBX®)				
() + [xxxxxxxx /]] * (prepend) + prefix [match pattern / CallerID] * + Add More Dial Pattern Fields 2 - Adicionar mais campos Dial patterns wizards : (pick one) Export Dialplans as CSV : Export Trunk Sequence for Matched Routes	mbedded FreePBX®	()+	IIXXXXXXXXXXX				
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Add More Dial Pattern Fields 2 - Adicionar mais campos Dial patterns wizards (pick one) Export Export Dialplans as CSV Export Trunk Sequence for Matched Routes		(prepend) + prefix	[match pattern	/ CallerID	18		
Dial patterns wizards [®] : (pick one) Export Dialplans as CSV [®] : Export Trunk Sequence for Matched Routes [®]		+ Add More Dial Pattern F	Fields 2 - Ad	icionar n	ais campo	DS	
Export Dialplans as CSV [®] : Export		Dial patterns wizards [©]	(pick one)				
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		Trunk Sequence for Matche	d Routes **			_	
		0 Portabilidade 💌 🐻	3 - Selecion	ar o trono	o Portabi	lidade	
0 Portabilidade 💽 🔀 3 - Selecionar o tronco Portabilidade		1	• • •				
Portabilidade 3 - Selecionar o tronco Portabilidade			criado ante	riorment	e		
 Portabilidade 3 - Selecionar o tronco Portabilidade criado anteriormente 		Add Trunk					
 Portabilidade 3 - Selecionar o tronco Portabilidade criado anteriormente Add Trunk 							
O Portabilidade 3 - Selecionar o tronco Portabilidade 1 criado anteriormente Add Trunk		Optional Destination on Con	gestion				
O Portabilidade 3 - Selecionar o tronco Portabilidade criado anteriormente Add Trunk Optional Destination on Congestion [©]							
O Portabilidade 3 - Selecionar o tronco Portabilidade criado anteriormente Add Trunk Optional Destination on Congestion [©]		Normal Congestion					
O Portabilidade Image: Optional Destination on Congestion Normal Congestion		4 -	Aplicar as co	onfiguraç	ões		
 Portabilidade 3 - Selecionar o tronco Portabilidade criado anteriormente Add Trunk Optional Destination on Congestion © Normal Congestion ▼ 4 - Aplicar as configurações 		Submit Changes	plicate Route				
O Portabilidade Criado anteriormente Add Trunk Optional Destination on Congestion © Normal Congestion © 4 - Aplicar as configurações Submit Changes Duplicate Route		Du bint chunges	pintaro nouto				

obs: Após qualquer modificação deve ser aplicado as alterações realizadas conforme imagem abaixo:





8.3 Criar ramal para teste

Na aba "PBX" clique em "Extensions" e em "add Extensions"

	ystem Age	enda Email	Fax	1 РВХ	IM R	eports 🗸	69142
PBX Configuration Operator Panel	Voicemails	Calls Recordings	Batch Configurations	Conference	Tools	Flash Operato	r Panel
PBX Configuration Peste Extensions Peature Codes Outbound Routes Trunks Inbound Call Contol Inbound Routes DAHDI Channel DIDs Announcements Blacklist CallerID Lookup Sources Call Flow Control Follow Me IVR Oueue Priorities	Add an E Please select - Device Device Submit	Extension your Device below th meric SIP Device	nen click Submit				C I⊢ ★ ? Add Extension 3

Preencha as informações básicas para criar o ramal:

User Extension :: numero do ramal;

Display Name :: nome do responsável (opcional);

Secret :: senha do ramal tem que conter no mínimo 6 caracteres com duas letras e dois números; Em seguida clique em Submit, e aplique as alterações.

Passo 1

	System A	igenda	Email	Fax	РВХ	IM	Repor	ts 🗸		6 9 i 7 1	
PBX Configuration Operator Pan	el Voicemails	Calls Rec	ordings Bat	ch Configurations	Conference	2	Tools	Flash Oper	ator Panel		
PBX Configuration											
Basic											
Extensions											
Feature Codes										Add Extension	
Outbound Routes	Add SI	P Extensi	on							Add Extension	
Trunks											
Inbound Call Control											
Indound Routes	Add Extensi	0.0									
Announcements	- Add Exterior	011									
Blacklist			_								
CallerID Lookup Sources	User Exten	sion	7000		1						
Call Flow Control	Display Nar	neo	7000								
Follow Me											
IVR	CID Num A	las									
Queue Priorities	SIP Alias										
Queues											
Ring Groups	- Extension O	ptions									
Time Conditions											
Internal Options & Configuration											
Conferences	Outbound C										
Languages	Asterisk Dia	al Options 🥯	tr			Override					



113 device uses sip (beldia 2000	_
secret		
dtmfmode	RFC 2833	
nat®	No - RFC3581	
	No - RFC3581	

Passo 3

No Answer	Unavail Voicemail if Enabled	
CID Prefix		
Busy®	Busy Voicemail if Enabled	
CID Prefix 9		
Not Reachable	Unavail Voicemail if Enabled 💌	
CID Prefix [®]		
2 <u></u>		

Testando a Consulta

Se o procedimento foi concluído com sucesso você terá resposta na CLI do Elastix conforme imagem abaixo:



Onde: a linha com Número consultado será a resposta.