

Dialplans

Advanced Dialplans

FusionPBX installs several default dialplans. FusionPBX also gives the option to make new dialplans. This gives you the power for more advanced functions, and produce the desired result.

Adding a Dialplan







You can create a new dialplan or copy and modify an existing dialplan.

- Go to Dialplan > Dialplan Manager
- Click the **Plus** icon at the top right.
- Complete required fields and click save.

Dialplan

ADVANCED BACK SAVE




The dialplan is used to setup call destinations based on conditions and context. You can use the dialplan to send calls to gateways, auto attendants, external numbers, to scripts, or any destination.

Name	dialplan-example 	
Condition 1	destination_number	 ^*1010220\$
Condition 2		
Action 1	answer	
Action 2	echo	
Context	sub.domain.tld	
Order	200 	
Enabled	True 	
Description	Dialplan example.	

SAVE

Edit a Dialplan

Find the dialplan you want to edit and click the edit icon.

	dialplan-example	*1010220	sub.domain.tld	350	True	Dialplan example		
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Once you enter data into the empty fields at the bottom and click save, more blank fields will populate if needed.

Dialplans

Dialplan

Dialplan include general settings.

Name

dialplan-example

Order

350

Number

*1010220

Domain

sub.domain.tld

Hostname

Enabled

True

Context

sub.domain.tld

Description

Dialplan example

Continue

False

Tag	Type	Data	Break	Inline	Group	Order
condition	destination_number	^*1010220\$			0	5
action	answer				0	10
action	echo				0	15
					0	25

SAVE

Enable a Dialplan Destination

Dialplans that have a value in the **Number** filed can be enabled and used in [Dialplan > Destinations](#). Setting the **destination** field to **True** will enable the dialplan to be visable and used as an action in [Dialplan > Destinations](#).

Dialplan

Dialplan include general settings.

Name

page

Order

240

Number

*724

Destination

True

Hostname

Domain

three.techlacom.com

Context

three.techlacom.com

Enabled

True

Continue

False

Description

Dialplan example

This example will be for calling an extension on another tenant. This can be done several ways.

- We can use the adding a dialplan example and modify it for this example.

Dialplans

Dialplan

Dialplan include general settings.

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Name	dialplan-example	Order	350
Number	*1010220	Domain	sub.domain.tld
Hostname		Enabled	True
Context	sub.domain.tld	Description	Dialplan example
Continue	False		

Tag	Type	Data	Break	Inline	Group	Order	
condition	destination_number	^1010220\$			0	5	X
action	answer				0	10	X
action	echo				0	15	X
					0	25	

SAVE

Cross Tenant Calling

This would require a prefix of 5 followed by 4 digit extensions. The prefix can be any number that you choose to use and the 4 digit extension must match the destination tenant. So if the destination extensions are 3 digit then you would use 3 instead of 4.

Tag	Type	Data	Break	Inline	Group	Order
condition	<code>\${destination_number}</code>	<code>^5(d{4})\$</code>				5
action	set	<code>domain_name=customer.domain.tld</code>		True		10
action	set	<code>domain_uuid=correct-uuid-for-the-domain</code>		True		15
action	transfer	<code>\$1 XML \${domain_name}</code>				20

- Be sure to set the **Continue dropdown box True**
- Finally we have the desired dialplan to call from tenant A to tenant B.

Dialplans

Dialplan

Dialplan include general settings.

XML

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COPY

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Name	cross-tenant-dialing	Order	200
Number		Domain	sub.domain.tld
Hostname		Enabled	True
Context	sub.domain.tld	Description	Cross Tenant Dialing Example
Continue	True		

Tag	Type	Data	Break	Inline	Group	Order
Condition		\${destination_number}	^5(\d{4})\$		0	5
Action	set	domain_name=customer.domain.tld			0	10
Action	set	domain_uuid=correct-uuid-for-the-domain			0	15
Action	transfer	\$1 XML \${domain_name}			0	20
					0	30

SAVE

Note

A quick way to find a domains uuid is by going to Advanced > Domains. Then click the edit icon on the domain you want to know the uuid of. The uuid will be at the end of the url.

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