

EXTENSION ROUTING

User Guide





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OverView

Extension Routing allows you to control which extensions are allowed to use which outbound routes.

For example you can setup an outbound route for International and only allow Extensions 4002 and 4004 to use that route.

Any route that is blocking an extension will also block that extensions follow me and call forward number from using that outbound route. Other things such as a Ring Group with an external phone number will still be able to use the route. This is only an allow/block list for extensions of the PBX.

There are two spots to control which route extensions are allowed to use. You can control these in the Extension module or Outbound Routes module. Both places show the same data.

Outbound Routes

- When clicking on outbound routes in your PBX admin GUI you should see the following. On the right is a list of all existing routes. We are going to click on the route called "International" to view and edit which extensions are allowed to use this route.

Add Route

- ↕ International
- ↕ Fax
- ↕ Integrity
- ↕ Cell-Phones
- ↕ Schmooze
- ↕ FreePBX-Support
- ↕ Test-Route

- Under the additional setting we will see a section called "Extension Routing". This section is collapsed by default so click on the "+" to expand it.

Additional Settings

+ Extension Routing: ?

- Once expanded we can now see on the right side which extensions are blocked from using this route and on the left side we can see which extensions are allowed to use this route. You can drag any extension from either the blocked or allowed section to the other extension using your mouse.

Additional Settings

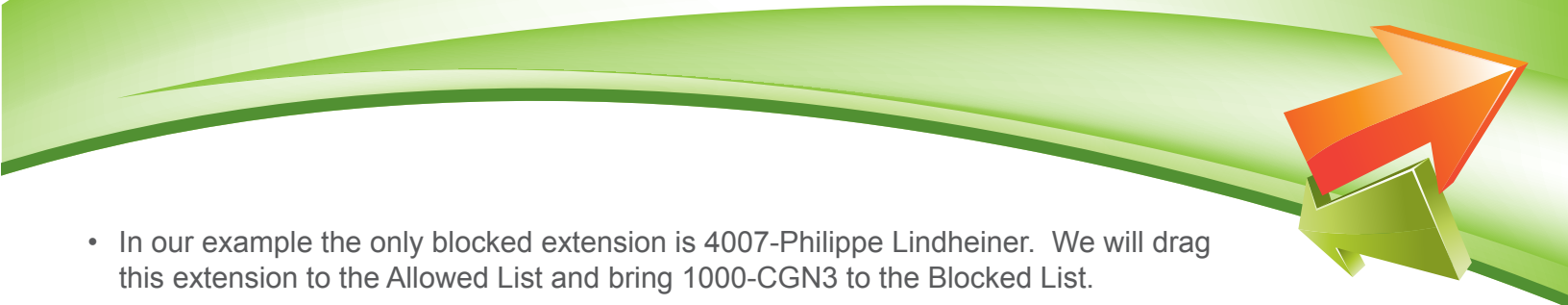
+ Extension Routing: ?

Allowed Extensions ?

1000 (CGN3's)
2000 (Moshe Brevda KX-UT670)
2001 (Moshe Brevda 6753i)
2002 (Moshe Soft Phone)
2003 (Moshe Soft Phone)
2004 (Moshe 9143i)
2005 (Moshe 6731i)
2006 (Moshe 9133i)
2007 (Moshe VP530)

Blocked Extensions

4007 (Philippe Lindheiner)

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- In our example the only blocked extension is 4007-Philippe Lindheiner. We will drag this extension to the Allowed List and bring 1000-CGN3 to the Blocked List.

Additional Settings

+ Extension Routing: ?

Allowed Extensions ?

2000 (Moshe Brevda KX-UT670)
2001 (Moshe Brevda 6753i)
2002 (Moshe Soft Phone)
4007 (Philippe Lindheiner)
2003 (Moshe Soft Phone)
2004 (Moshe 9143i)
2005 (Moshe 6731i)
2006 (Moshe 9133i)
2007 (Moshe VP530)

Blocked Extensions

1000 (CGN3's)

- When creating a new outbound route the default is for it to include all extensions in the route. You can drag any extensions to the Blocked list when creating a route.

Additional Settings

+ Extension Routing: ?

Allowed Extensions ?

1000 (CGN3's)
2000 (Moshe Brevda KX-UT670)
2001 (Moshe Brevda 6753i)
2002 (Moshe Soft Phone)
2003 (Moshe Soft Phone)
2004 (Moshe 9143i)
2005 (Moshe 6731i)
2006 (Moshe 9133i)
2007 (Moshe VP530)
2110 (Bryan Walters Bria)
2111 (Bryan Walters DLink WIFI)

Blocked Extensions

- Remember to press the submit button at the bottom of the page when done making your changes.

Submit Changes



Extension Page

- When clicking on any extension from your Extension Module of your PBX admin, you can see at a glance which routes any extension is allowed to use. The data displayed here is the same data that is displayed in the outbound routes module that we reviewed above and you can make changes to routing at either location. Any route that has the check box checked is a route that extension is allowed to use. You can check or uncheck any route for that extension that you are viewing.

- Allowed Routes

International?	<input checked="" type="checkbox"/>
Fax?	<input checked="" type="checkbox"/>
Integrity?	<input checked="" type="checkbox"/>
Cell-Phones?	<input checked="" type="checkbox"/>
Schmooze?	<input checked="" type="checkbox"/>
FreePBX-Support?	<input checked="" type="checkbox"/>
Test-Route?	<input type="checkbox"/>

- By default when creating a new extension it will check all the routes for you and you can pick at creation time which routes you do not want included for this extension by unchecking any route.

- Allowed Routes

International?	<input checked="" type="checkbox"/>
Fax?	<input checked="" type="checkbox"/>
Integrity?	<input checked="" type="checkbox"/>
Cell-Phones?	<input checked="" type="checkbox"/>
Schmooze?	<input checked="" type="checkbox"/>
FreePBX-Support?	<input checked="" type="checkbox"/>
Test-Route?	<input checked="" type="checkbox"/>

- Remember to press the submit button at the bottom of the page when done making your changes.

Submit Changes



Recap

We can now see how simple it is to limit a specific route to block which extensions are allowed to use that outbound route. This is great for blocking most users from Calling International numbers except a few select extensions or blocking a lobby phone from calling long distance but still let them call Local Numbers.