HOW TO RELAY SELECTED MAILBOXES USING ISPCONFIG 3

I hit an intriguing problem as I needed to relay selected mailboxes rather than the whole domain. I assume that you have already noticed that everything needs to happen on the same domain. It is rare and quite interesting task so I will quickly describe it here using ISPConfig 3but beware as this is a very specific topic so I strongly suggest to investigate it further before applying any changes.

Preliminary information

I will create *example.org* email domain to locally

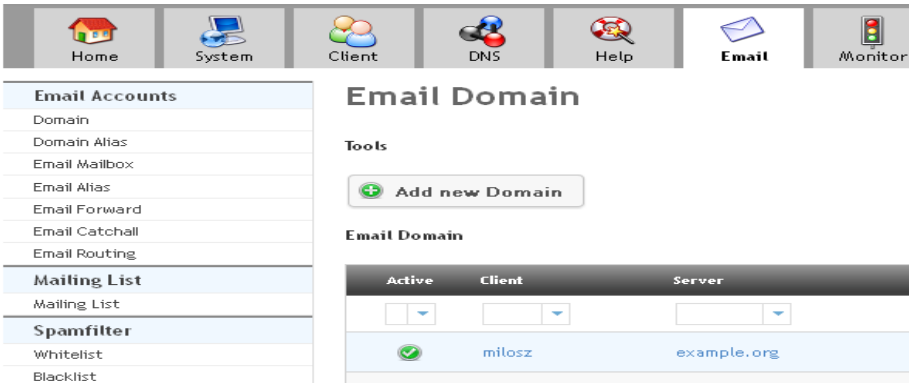
store *milosz@example.org* mailbox and

relay*relay_test1@example.org*, *relay_test2@example.org* to the *1.2.3.4* server.

I will use ISPConfig 3 on CentOS as this is an easiest way to explain this idea.

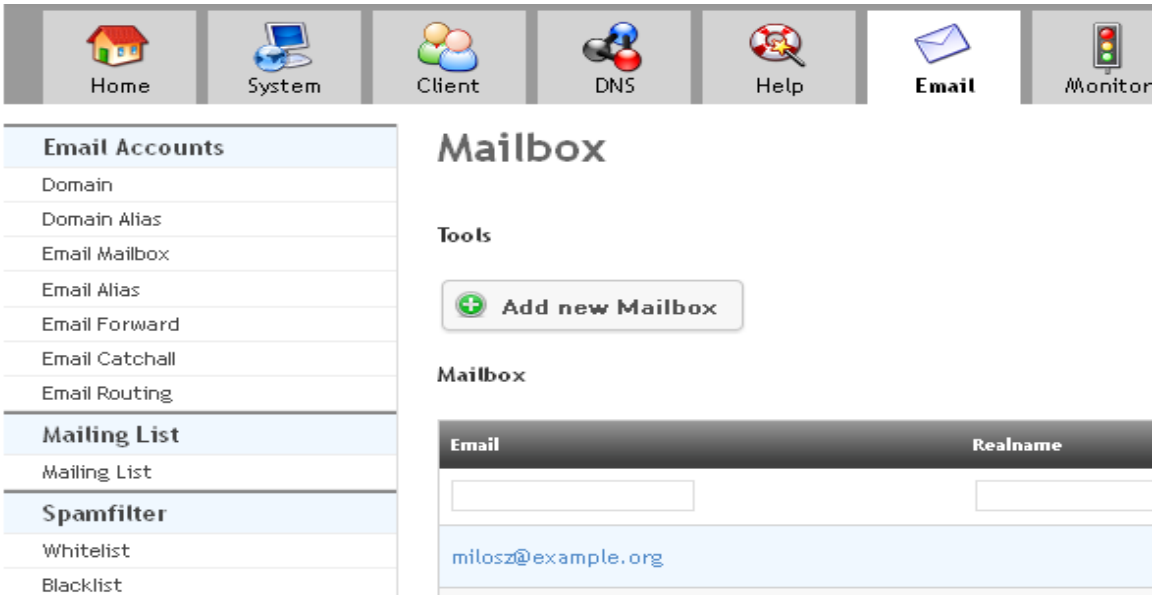
Step 1 - Email Domain

Login to ISPConfig 3 and create email domain.



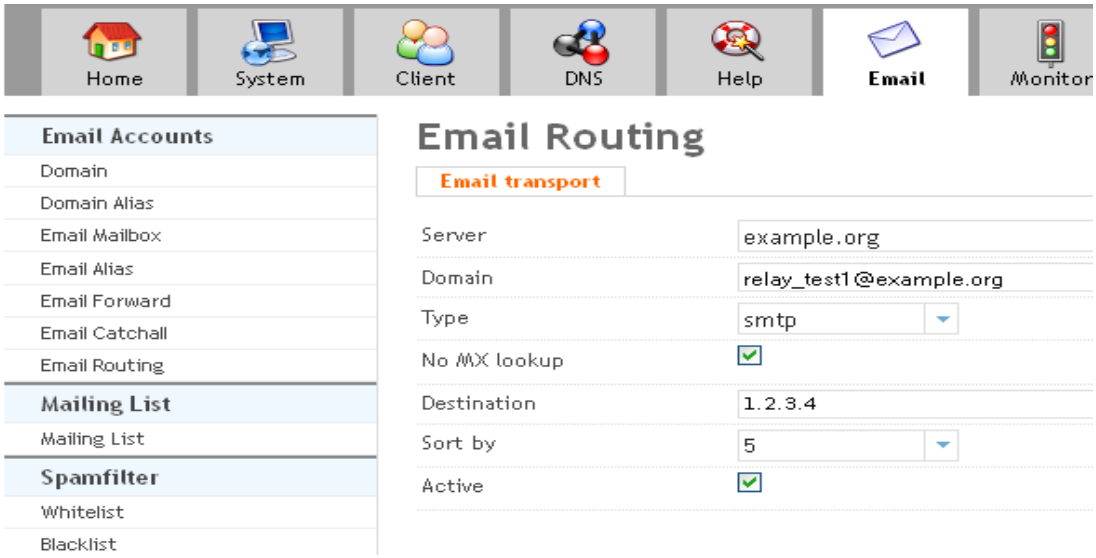
Step 2 - Email Mailbox

Add email mailboxes handled locally by the mail server.

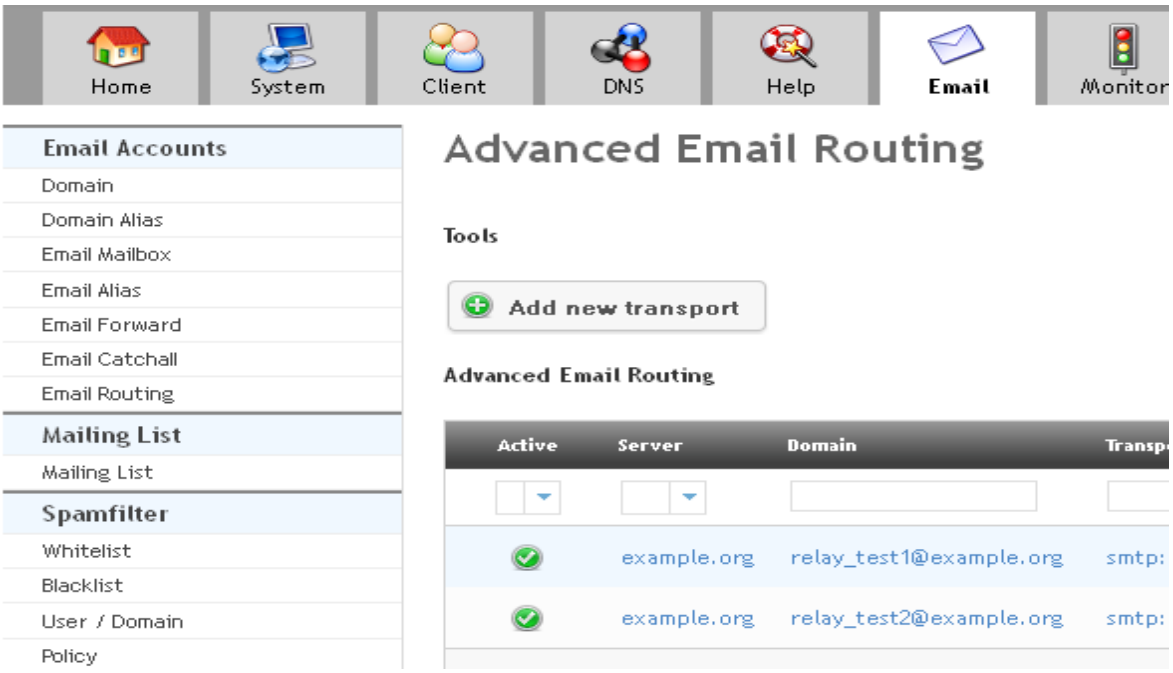


Step 3 - Email Routing

Create rules that will relay email only for selected mailboxes.



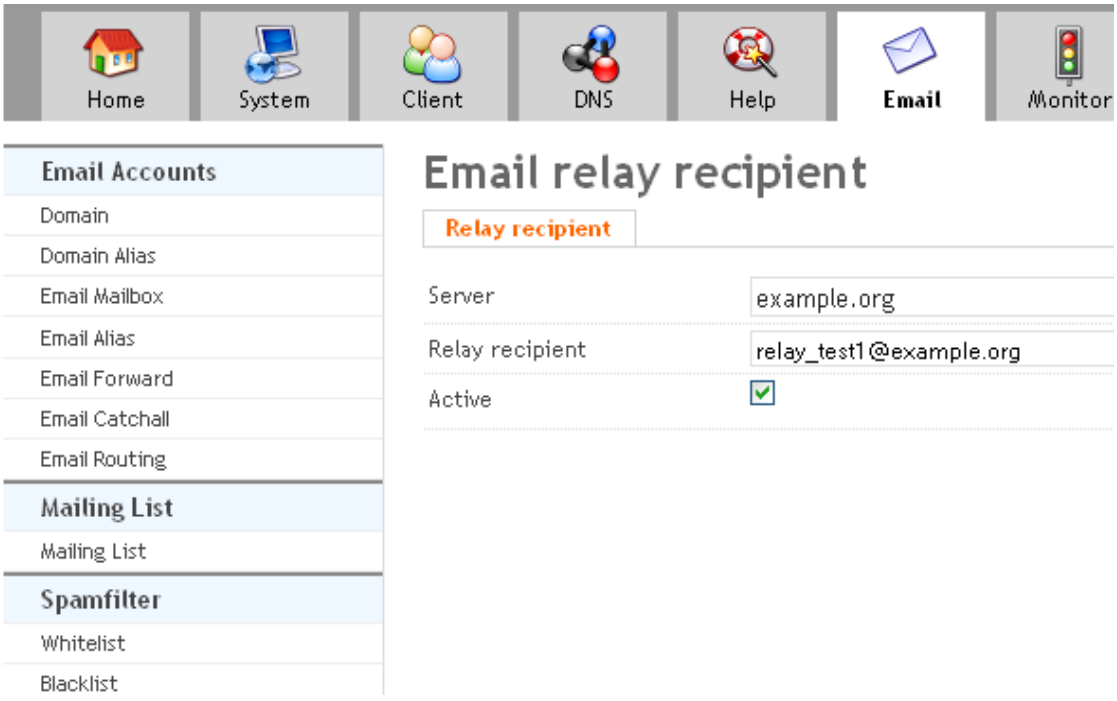
Notice that you need to enter email address into the domain field.

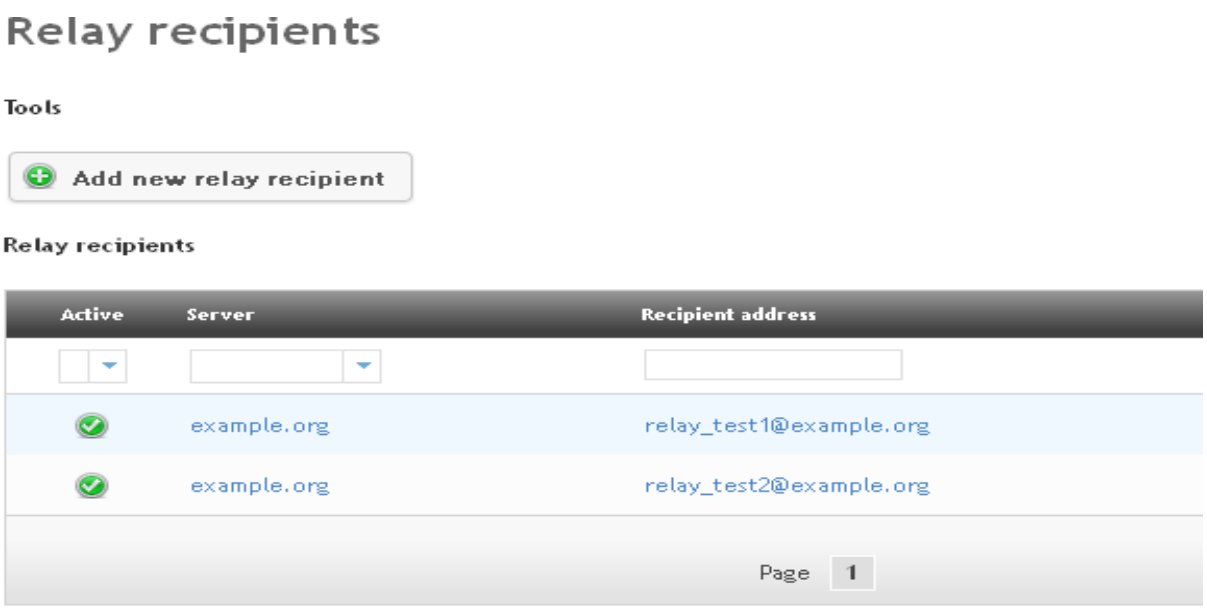


Do not add locally stored mailboxes here.

Step 4 - Relay Recipient

Add email addresses for which you permit mail relaying.



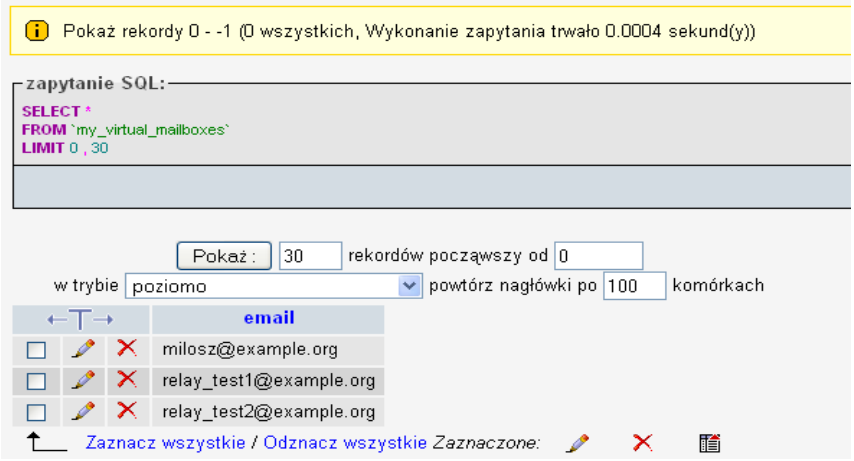


Step 5 - Database

Open *dbispconfig* database and create new view which will be used in the next step.

```
CREATE VIEW my_virtual_mailboxes
AS
   SELECT u.email AS email
   FROM   mail_user AS u
   WHERE  ((u.postfix = 'y')
          AND (u.server_id = '1'))
   UNION
   SELECT r.source AS email
   FROM   mail_relay_recipient AS r
   WHERE  ((r.active = 'y')
```

```
        AND (r.server_id = '1'));
```



This is an important part because postfix needs to accept email to *the locally stored mailboxes* **and** *strictly permitted addresses before relaying them.*

Step 6 - Postfix

Change virtual mailboxes table name to the recently created view.

```
$ cat /etc/postfix/mysql-virtual_mailboxes.cf

user = ispconfig

password = ...

dbname = dbispconfig

#table = mail_user

table = my_virtual_mailboxes

select_field = CONCAT(SUBSTRING_INDEX(email,'@',-

1),'/',SUBSTRING_INDEX(email,'@',1),'/')

where_field = email

additional_conditions =
```

```
hosts = 127.0.0.1
```

This is an quite easy solution for this specific problem although you don't need to install ISPConfig to achieve it. Just set up small machine in lab and modify postfix configuration by hand. It will require a bit of further reading but you already have all necessary information.

Source: https://blog.sleeplessbeastie.eu/2013/05/01/how-to-relay-selected-mailboxes-using-ispconfig-3/