

## Infrastructure - Task #2257

### Refactor mail.documentfoundation.org

2017-06-07 21:22 - Guilhem Moulin

<b>Status:</b>	In Progress	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Guilhem Moulin	<b>% Done:</b>	0%
<b>Category:</b>	Mail system	<b>URL:</b>	
<b>Target version:</b>	Q4/2020		
<b>Tags:</b>			
<b>Description</b>			
This issue is about refactoring the main mail server. Possible improvements include:			
Base system:			
<ul style="list-style-type: none"><li>• <del>Upgrade to Debian 10</del></li></ul>			
Dovecot (IMAP):			
<ul style="list-style-type: none"><li>• Change mail storage format from maildir to mbox, possibly compressed</li></ul>			
Postfix (SMTP):			
<ul style="list-style-type: none"><li>• Replace amavis by rspamd</li></ul>			
amavis			
<ul style="list-style-type: none"><li>• consider setting Postfix' notify_classes to empty</li><li>• <del>switch to Milter</del></li><li>• Guilhem proposed to use systemd</li></ul>			
<p>Assuming you're using systemd as PID 1, a quick and dirty fix would be to tell it to auto restart the service. Rather than editing the unit file shipped by the package (which would be overridden by the next amavis update), I'd go for an override systemd.unit(5) file instead:</p>			
<pre>\$ mkdir /etc/systemd/system/amavis.service.d \$ tee /etc/systemd/system/amavis.service.d/override.conf &lt;&lt;- EOF [Service] RestartSec=1min Restart=always #Restart=on-abnormal might be more appropriate, see #systemd.service(5) for details EOF \$ systemctl daemon-reload \$ systemctl restart amavis</pre>			
<p>You can see if the override systemd.unit(5) file is taken into account with `sudo systemctl show amavis.service   grep ^Restart`.</p>			
hostmaster alias			
<ul style="list-style-type: none"><li>• consider switching to local mailbox only in case of too many notifications</li></ul>			
domains			
<ul style="list-style-type: none"><li>• switch to DNSSEC and TLSA records if feasible</li></ul>			
<b>Related issues:</b>			

Related to Infrastructure - Task #3015: convert Hetzner network model

Closed

Related to Infrastructure - Feature #92: lower antispam mechanisms for +unsub...

Closed

## History

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### #1 - 2017-06-07 21:24 - Guilhem Moulin

oops, forgot something

Postfix (SMTP):

- replace postgrey by a tighter postscreen(8)

### #2 - 2017-07-18 11:40 - Florian Effenberger

- Description updated

- Target version changed from Qlater to Q4/2017

Aiming for Q4, but of course we can improve the setup gradually already earlier

### #3 - 2018-05-02 10:37 - Florian Effenberger

- Description updated

consider rspamd, incl. ARC signing

### #4 - 2018-05-09 12:03 - Florian Effenberger

- Target version changed from Q4/2017 to Q3/2018

With all that's on the table atm, and the fact that this is not super urgent, I propose to not look into this before end-June, unless you see it more urgent

### #5 - 2018-08-20 16:37 - Florian Effenberger

Guilhem, can you remove/strike through from the list of tasks what's been done already?

I propose to shift the rest to Q4 then, what do you think?

### #6 - 2018-11-12 04:10 - Guilhem Moulin

- Description updated

- Target version changed from Q3/2018 to Q4/2018

Ack, will get back to this when upgrading the box to Stretch.

### #7 - 2019-05-08 15:26 - Florian Effenberger

- Target version changed from Q4/2018 to Q3/2019

### #8 - 2019-09-18 09:29 - Florian Effenberger

Three nice howtos I found we might want to look into for inspiration and back-contributing our edits:

- <https://workaround.org/ispmail>
- <https://123qwe.com/>
- <https://thomas-leister.de/en/mailserver-debian-stretch/>

### #9 - 2020-01-15 12:06 - Florian Effenberger

- Target version changed from Q3/2019 to Q1/2020

Let's also aim for Q1, also the box is on Debian 9 still

I'm currently redoing my mail server based on the ISPMail howto, merging with my setup. Using Postfix, Dovecot, rspamd and ClamAV. Happy to share the documentation when finished.

### #10 - 2020-01-15 12:11 - Florian Effenberger

- Related to Task #3015: convert Hetzner network model added

**#11 - 2020-01-15 12:16 - Florian Effenberger**

- Related to Feature #92: lower antispam mechanisms for +unsubscribe added

**#13 - 2020-08-04 17:35 - Florian Effenberger**

- Description updated

- Status changed from New to In Progress

- Target version changed from Q1/2020 to Q4/2020

**#14 - 2020-08-04 17:46 - Guilhem Moulin**

- Description updated

**#15 - 2020-08-20 00:09 - Guilhem Moulin**

- Description updated