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Installation - RPM

Version 40, last updated by xjansen at 2016-07-01

Installation

To install the filesender RPM's on RedHat based Linux systems add the relevant filesender yum repository to your system. FileSender uses the Debian terminology for its distribution channels. Use the release status overview to select the FileSender release you want to install. In the following replace 'stable' with 'testing' if you want to track upcoming stable releases or 'unstable' if you want to track the development builds. Use 'oldstable' for the previous (old) release.

```
$ cd /etc/yum.repos.d/
$ sudo wget http://repository.filesender.org/rpm/filesender-stable.repo
$ sudo yum install filesender
```

This will install filesender, simplesamlphp and postgresql-server and their dependencies but might require manual installation of your favourite MTA (sendmail, postfix or exim will do).

Configuration

The RPM installation will take care of most steps mentioned in Installation - Linux Source. The following manual steps are still needed:

- The configuration part of Install and configure PostgreSQL by editing /var/lib/pgsql
  /data/pg_hba.conf (may need an initial service postgresql initdb).

- Create the FileSender user and database You'll first need to start the postgresql service (service
  postgresql start)
- Configure your FileSender installation
- Configure Apache2 with SSL

Note that the config directory is in /etc/filesender/ and the software is installed in /usr/share
/filesender/ (with symlinks to /var/lib/filesender/)

The package also installs a daily cronjob in /etc/cron.daily/filesender and some recommended PHP settings in /etc/php.d/filesender.ini

Starting the service

After installing and configuring you'll most likely will need to start the relevant services:

```
service postfix start
service postgresql start
service httpd start
```

If all is well you can add these services to the relevant run levels with chkconfig

Known issues

- At the moment the RPM's are not relocatable.

- On RedHat and Centos5 the default PHP version is 5.1 which is too low. Recent RedHat/Centos5 distros do provide separate php53 packages but these conflict with the 'default' php dependencies. Current advise is to replace 5.1 with PHP 5.3 or later from your favourite additional repository (IUS has php53u which works nicely with the filesender and simplesamlphp packages). Additional info on https://www.centos.org/modules/newbb/viewtopic.php?viewmode=flat&topic_id=30881&forum=38

- RHEL and CentOS 6/7 have a recent enough version of PHP in the standard repositories, however the php-mcrypt package is missing (needed for SImpleSAMLphp). To get that package you'll need to add the EPEL repository (see: http://fedoraproject.org/wiki/EPEL).

- If you get database connection errors (Permission denied) SELinux might be set to prevent the webserver user from making network connections. Check with `getsebool httpd_can_network_connect` and allow it (when disabled) with `setsebool -P httpd_can_network_connect 1`

- If you get errors (Permission denied) in your mail logs when FileSender tries to send mail SELinux might be set to prevent the webserver user from sending mail. Check with `getsebool httpd_can_sendmail` and allow it (when disabled) with `setsebool -P httpd_can_sendmail 1`

- When updating with `yum update` from a previous **0.1.x beta** package the update process will fail. Just do a `yum erase filesender; yum install filesender` instead.

Support and Feedback

See Support and Mailinglists and Feature requests .

Comments are disabled for this space. In order to enable comments, Messages tool must be added to project. You can add Messages tool from Tools section on the Admin tab.