Installation - Debian Ubuntu

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Supported Debian and Ubuntu versions

- Debian Squeeze (oldstable/lts) and higher
- Ubuntu Lucid (10.04 LTS) and higher

Should I pick stable, testing or unstable?

FileSender uses the Debian terminology for its distribution channels. Use the release status overview to select the FileSender release you want to install.

Installation instructions

These instructions should be executed as 'root'. To ensure that the installation packages are fetched from a trusted source the packages are PGP-signed. The correct PGP-key should be fetched over a trusted path (using SSL). To ensure a correct verification of the SSL-certificate the instructions below assume that the `ca-certificates` package is installed. If you get the `no valid OpenPGP data found.` message please do the following:

```
apt-get install ca-certificates
```

Add the Filesender signing key to the APT PGP-keyring:

```
wget -q https://filesender-dev.surfnet.nl/filesender.key -O- | apt-key add -
```

If you want to use version 1.6(.x) (labeled the **latest stable** release) of filesender run:

```
echo "deb http://repository.filesender.org/debian stable main" > /etc/apt/sources.list.d/filesender.list
```

If you want to use the **upcoming stable** release of filesender run:

```
echo "deb http://repository.filesender.org/debian testing main" > /etc/apt/sources.list.d/filesender.list
```

If you want to use the (nightly when appropriate) latest **beta/rc builds** of filesender run:

```
echo "deb http://repository.filesender.org/debian unstable main" > /etc/apt/sources.list.d/filesender.list
```

If you want to use the previous (old) stable release of filesender run:

```
echo "deb http://repository.filesender.org/debian oldstable main" > /etc/apt/sources.list.d/filesender.list
```

Now continue the installation process

```
apt-get update
apt-get install filesender
```

This will also install the simplesamlphp package and other dependencies like apache, php5 and postgresql.

Configuring Apache

A simple default configuration of apache is included in the filesender package and is located at `/etc/filesender/apache.conf`. You can copy this to `/etc/apache2/conf.d/filesender.conf` and adjust it to your needs.

```
cp /etc/filesender/apache.conf /etc/apache2/conf.d/filesender.conf
service apache2 reload
```

Configuring Apache with SSL

The default FileSender configuration only works over SSL. Make your Apache SSL-enabled with the following commands:

```
a2ensite default-ssl
a2enmod ssl
service apache2 reload
```

This will give you a SSL-enabled Apache server with a self-signed SSL-certificate, allowing you to verify your FileSender installation works with HTML5 compatible browsers. On your production service you will need to replace the self signed certificate with one issued by a CA recognised by popular browsers to ensure the Flash fall-back uploads method works for older browsers.

See also the *FAQ entry on SSL certificates*. To make your FileSender work over HTTP-only, change `$config['forceSSL']` in config.php to false. This will constitute a security risk. *See also Configure Apache2 with SSL in the *Linux source installation guide*.

Configuring PHP5

The most crucial settings are configured as part of the package installation. There are some other settings you might want to consider. See the PHP5 configuration part for a Linux Source Installation. Don't forget to reload your Apache server to activate your new PHP settings:

```
service apache2 reload
```

Configuring SimpleSAMLphp

For a quick start using the Feide OpenIdP Identity Provider copy the relevant sample configuration files to the right places.

For simplesamlphp version 1.6.x (default on Debian Squeeze):

```
cp -p /usr/share/doc/simplesamlphp/examples/config-templates/authsources.php.gz /etc
/simplesamlphp/
cp -p /usr/share/doc/simplesamlphp/examples/metadata-templates/saml20-idp-remote.php
.gz /etc/simplesamlphp/metadata/
gunzip /etc/simplesamlphp/authsources.php.gz /etc/simplesamlphp/metadata/saml20-idp-
remote.php.gz
```

For simplesamlphp version 1.9.x and later (default in the FileSender repository):

```
cp -p /usr/share/doc/simplesamlphp/examples/metadata-templates/saml20-idp-remote.php
/etc/simplesamlphp/metadata/
```

Edit `/etc/simplesamlphp/metadata/saml20-idp-remote.php` as per the instructions in that file.

To tailor your SimpleSAMLphp installation to your local site please check its installation and configuration documentation.

The default config.php in the current stable debian package (1.6.3) might need an additional setting:

```
        'attributenamemapdir'   => '/etc/simplesamlphp/attributemap/',
```

Test your installation

- Go to https://<server>/simplesamlphp/ and check if everything is okay
- Go to https://<server>/filesender/ and check if everything is okay

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.