

# Run own Firefox Sync 1.5 Server

<https://mozilla-services.readthedocs.io/en/latest/howtos/run-sync-1.5.html>

## Install prerequisites

```
# apt-get install python-dev git-core python-virtualenv g++
```

## Create Database & Database User

```
CREATE DATABASE ffsync15;  
CREATE USER 'ffsync15'@'localhost' IDENTIFIED BY 'dbpassword';  
GRANT ALL privileges ON ffsync15.* TO 'ffsync15'@'localhost';  
FLUSH privileges;
```

## Clone Source Code

```
# cd /opt  
# git clone https://github.com/mozilla-services/syncserver
```

## Configure Syncserver

```
$ # create secret token  
$ head -c 20 /dev/urandom | shasum  
0123456789abcdef0123456789abcdef01234567  
  
$ grep -v ^# syncserver.ini | grep -v ^$  
[server:main]  
use = egg:gunicorn  
host = 0.0.0.0  
port = 5000  
workers = 1  
timeout = 30  
[app:main]  
use = egg:syncserver  
[syncserver]  
public_url = https://secure.domain.com/ffsync15/  
sqluri = pymysql://ffsync15:dbpassword@localhost/ffsync15  
secret = 0123456789abcdef0123456789abcdef01234567  
force_wsgi_environ = false
```

## Add Configuration to Apache vHost

```
# Firefox Sync
<IfModule wsgi_module>
    WSGIProcessGroup sync
    WSGIDaemonProcess sync user=www-data group=www-data processes=2
    threads=25 python-path=/opt/syncserver/local/lib/python2.7/site-packages/
    WSGIPassAuthorization On
    WSGIScriptAlias /ffsync15 /opt/syncserver/syncserver.wsgi
</IfModule>

<Directory /opt/syncserver>
    Require all granted
</Directory>
```

## Configure Firefox

Open “about:config” Set identity.sync.tokenserver.uri = <https://secure.domain.com/ffsync15/token/1.0/sync/1.5>

Create / or login with Firefox Username – Sync Data should land in own sync server

[kb](#), [linux](#), [firefox](#), [sync-server](#)

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