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[Install a LAPP Stack \(Apache 2.4/PHP 7/PostgreSQL 10\) on openSUSE Tumbleweed](#)

Assume the Tumbleweed linux is ready.

I. Install the database first (PostgreSQL 10)

1. Install database

```
zypper install postgresql10 postgresql10-contrib postgresql10-server
```

2. Enable auto-start on boot

```
chkconfig -a postgresql
```

3. Start PostgreSQL

```
systemctl start postgresql.service
```

4. Set password for postgres

Switch user to postgres:

```
su postgres
```

```
psql
```

In the psql console, set the password:

```
\password postgres
```

II. Web Server

1. Install apache2

```
zypper install apache
```

2. Add commonly-used modules

Add modules:

```
a2enmod php
```

```
a2enmod rewrite
```

List apache loaded modules:

```
apachectl -M
```

II. PHP

```
zypper install php7 php7-pgsql
```

References:

[Install a LAPP server: openSUSE 42 / Apache 2.4/PostgreSQL 9.4/ PHP 5.6](#)

[How to Install PostgreSQL and phpPgAdmin on OpenSUSE Leap 42.1](#)

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