

How to setup JET (Linux)

Install Lamp Server

Installing Lamp server will install php web services and mysql onto your linux server. Please type in the following command in your linux console.

```
$ sudo apt-get install lamp-server^
```

```
administrator@ubuntu:/$  
administrator@ubuntu:/$ sudo apt-get install lamp-server^_
```

You will be prompted Y/n. Select Y to proceed with the installation.

```
perl-base
Suggested packages:
  www-browser apache2-doc apache2-suexec-pristine | apache2-suexec-custom php-pear
  tinyca perl-doc libterm-readline-gnu-perl | libterm-readline-perl-perl make open
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libaio1 libapache2-mod-php libapa
  libaprutil1-ldap libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl
  libsodium23 libtimedate-perl liburi-perl mysql-client-5.7 mysql-client-core-5.7
  mysql-server-core-5.7 php-common php-mysql php7.2-cli php7.2-common php7.2-json
The following packages will be upgraded:
  libldap-2.4-2 libldap-common libperl5.26 perl perl-base perl-modules-5.26
6 upgraded, 42 newly installed, 0 to remove and 126 not upgraded.
Need to get 27.0 MB/34.9 MB of archives.
After this operation, 187 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Note: You may be required to get the latest list of available packages and their versions for your OS first. To do this, run:

```
$ sudo apt-get update
```

Resetting mysql password

Use the commands below.

```
$ sudo mysql -u root
mysql> use mysql;
mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_pass
word BY 'password123';
mysql> exit
$ sudo service mysql restart
```

Replace “password123” with a password of your choice

Update permissions of the web service folder

Run the commands below to navigate to the /var/www folder and update the permissions of the web service folder:

```
$ cd /var/www  
$ sudo chmod a=rwx html
```

```
administrator@ubuntu:/$ cd var  
administrator@ubuntu:/var$ cd www  
administrator@ubuntu:/var/www$ sudo chmod a=rwx html  
administrator@ubuntu:/var/www$
```

Symbolic links for data drive

Skip the previous step if you are doing this.

This is meant for if you have a separate Data disk from the OS disk.

Step 1:Backup /var/www/html to /data/application

```
$ sudo cp -avr /var/www/html/. /data/application
```

Step 2: Remove the html folder.

```
$ sudo rm -r /var/www/html
```

Step 3: Create a symbolic link.

```
$ sudo ln -sf /data/application /var/www/html
```

Step 4: Update folder permissions

```
sudo chmod a=rwx /data/application/
```

Pre-requisites (php 7.4 example)

- **Install the Linux zip utility**

```
$ sudo apt-get install unzip  
$ sudo service apache2 restart
```

- **Install the php zip PHP**

```
$ sudo apt-get install php7.4-zip  
$ sudo service apache2 restart
```

- **Install the xmlrpc module in PHP**

```
$ apt-get install php7.4-xmlrpc  
$ sudo service apache2 restart
```

- **Install the xml module in PHP**

```
$ sudo apt-get install php7.4-xml
$ sudo service apache2 restart
```

- **Install the curl module in PHP**

```
$ sudo apt-get install php7.4-curl
$ sudo service apache2 restart
```

- **Increase the file upload limit in PHP**

- Access php.ini on your PHP installation
- Edit the following line with the appropriate value. In this example, I set it as 100M for both.


```
upload_max_filesize = 100M  
post_max_size = 100M
```

Restart the Apache service

```
$ sudo service apache2 restart
```

- **Increase Memory Limit in PHP**
 - Access php.ini on your PHP installation
 - Edit the following line with the appropriate value based on your server ram allocation.

```
memory_limit = 500M
```

Restart the Apache service.

```
$ sudo service apache2 restart
```

Transfer the installer file into /var/www/html

Download and transfer the installer.php file to /var/www/html

Run the installer.php file on a web browser in the same network

Enter SQL credentials and Company ID.

Company ID can be retrieved from the email where you are issued when you purchased JET.



JET Installer

MySQL Host

MySQL Username

MySQL Password

Company ID

Create your default console login



Please enter admin console user email/password

Email

Password

Re-enter Password

Login to the console with the credentials you created above



After login, you can begin to create your sites and start using JET

