

Dependencies for Password Vault

Technology Stack

- **Backend** - Django Framework
- **Frontend** - ReactJS
- **Database** - MySQL
- **Cloud** - AWS and LogDNA

Python Django :

Version : 3.2.10

Latest version can be download from <https://www.djangoproject.com/download>. For step-by-step installation steps, refer to this [article](#).

Modules and their use cases :

Name	Why	Version
mysqlclient	To communicate with MySQL DB	2.1.0
oauthlib	For performing authentication	3.1.0
pycryptodome	Cryptography library	3.14.1
urllib3	For making API requests	1.22

React JS :

Version : 17.0.2

Install NodeJS from <https://nodejs.org/en/>. For installation on windows, follow [this](#) instruction set. For Unix based systems, refer [this](#) link.

Database :

Version : 5.5

You can install MySQL locally or use any remote database by cloud provider. You can refer to [this](#) link to install MySQL.

Cloud :

AWS - You can create your account on AWS by clicking [here](#). Once you signed up, you can create new IAM user with administrator access. It should have administrator permissions as described [here](#).

Name	Why
AWS EC2	To deploy the applications over the virtual machine instance.
AWS CodeDeploy	For deployment to various EC2 instances via various deployment models.
AWS S3	To store various assets like images.
AWS Cloudfront	To save images to closest CDN network.
AWS IAM	To provide roles to various team members according to the requirements.

LogDNA - You can signup on <http://logdna.com> and create new account. That should be all for logdna.