

Deploying WistronAMS

Installation Guide

```
sudo apt-get update
```

```
sudo apt-get install apache2
```

```
sudo apt-get install libapache2-mod-wsgi-py3 python-dev
```

```
pip3 install flask
```

```
sudo apache2 -f /etc/apache2/apache2.conf -k start
```

Checking Apache2

Open macmini_ip address in laptop google chrome

Output:

Welcome page of Apache2

Deploying application

Copy Code to desktop

```
mkdir ~/WistronAMS
```

```
sudo cp -r ~/desktop/wistronAMS-main/* ~/WistronAMS/
```

Configure application with apache2

sudo vim /etc/apache2/sites-available/WistronAMS.conf

write below code in and save

```
<VirtualHost *:80>
    ServerName mac_mini_ip_address
    WSGIScriptAlias /wistron-ams
/home/user_name/WistronAMS/WistronAMS.wsgi
    <Directory /home/user_name/WistronAMS/>
        Options FollowSymLinks
        AllowOverride None
        Require all granted
    </Directory>
    ErrorLog ${APACHE_LOG_DIR}/error.log
    LogLevel warn
    CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>
```

Change mac_mini_ip_address and user_name in above code

sudo vim ~/WistronAMS/WistronAMS.wsgi

type below code and save file

from app import app as application

Enable apache2 site

sudo a2ensite /etc/apache2/sites-available/ WistronAMS.conf

Restart apache2

sudo apache2 -f /etc/apache2/apache2.conf -k stop

sudo apache2 -f /etc/apache2/apache2.conf -k start

Checking Application and creating shortcut

Type macmini ip address /Wistron-ams in chrome

Eg:

If mac mini ip address is 10.10.10.10

Type **10.10.10.10/Wistron-ams** in chrome

It should load login page

Click on 3 dots in chrome top right corner -> more tools -> create shortcut

Type Name as **Wistron AMS** and click ok

Shortcut will be created on desktop