

OTP authenticator for php

1. Create a python virtual environment in a location your web server can access:

```
cd /home/user/html
mkdir -p /home/user/html/pyotp-env
sudo chown user:www-data /home/user/html/pyotp-env
sudo chmod 770 /home/user/html/pyotp-env
```

2. Create a virtual environment as apache2 user and activate it:

```
sudo -s -u www-data
python3 -m venv /home/user/html/pyotp-env
source /home/user/html/pyotp-env/bin/activate
```

3. Install pyotp:

```
pip3 install pyotp
```

4. Check execution of pyotp:

```
- Create the python script:<code># Install via terminal: pip install
pyotp
import pyotp:<code>/home/bco/html/otp.py
```

Your Base32 secret key (provided when setting up 2FA) secret = "JBSWY3DPEHPK3PXP"

Initialize TOTP totp = pyotp.TOTP(secret)

Generate the current 6-digit code current_code = totp.now() print(f"Current 6-digit code: {current_code}")</code>

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