PHP - OTP????

??qrcode?oathtool

```
apt-get install qrencode oathtool -y
```

????qrcode?bash?

```
#!/bin/bash
secret=$(echo test123 | base32)
echo $secret
qrencode -t ANSI256 -o - $(echo
otpauth://totp/CVG:wncvg?secret=${secret}&issuer=CVG&algorithm=SHA256&digits=6&period=30) -o
qrcode.png -t png -s 5
```

```
test123 □□□□□
CVG:wncvg  □□□□
issuer □□□□□
algorithm □□□
digits OTP□□
period □□□□
```

□□□□□□□□□□□ **qrcode**

PHP??OTP??

```
<?php
$otp = trim($_POST['otp']);
$otp_pswd = shell_exec('oathtool --totp=ANSI256 --base32 --digits=6 □□□□');
$stripped = preg_replace('/\D/', '', $otp_pswd);
$strippedotp = preg_replace('/\D/', '', $otp);
if(strcmp("$strippedotp", "$stripped") == 0){
 successfully
}else{
 fail
}
?>
```

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