

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 000000
CVG:wncvg 000000
issuer 000000
algorithm 0000
digits OTP00
period 0000
```

0000000000

qrcode

PHP??OTP??

```
<?php
$otp = trim($_POST['otp']);
$otp_pswd = shell_exec('oathtool --totp=ANSI256 --base32 --digits=6 0000');
$stripped = preg_replace('/\D/', '', $otp_pswd);
$strippedotp = preg_replace('/\D/', '', $otp);
if(strcmp("$strippedotp", "$stripped") == 0){
    successfully
}else{
    fail
}
?>
```

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