

SSL Wildcard Letsencrypt Certificate Renewal

[pknw1logo-white.png](#)

```
/usr/local/bin/renew-ssl-wildcard.sh
```

SSL Check and Renew Wildcard

uses Letsencrypt with OVH api to request a wildcard certificate

```
#@pknw1
#!/bin/bash
# renew wildcard SSL certs

DOMAIN=$1

function renew() {
sudo docker run -it --rm --name certbot \
    -v "/etc/letsencrypt:/etc/letsencrypt" \
    -v "/var/lib/letsencrypt:/var/lib/letsencrypt" \
    -v "/root/ovh.conf:/ovh.conf" \
    certbot/dns-ovh certonly --dns-ovh --dns-ovh-credentials /ovh.conf \
    --agree-tos -m pknw1@hotmail.co.uk \
    -d *."${DOMAIN}" -d "${DOMAIN}"
}

function merge() {
if [ -f /etc/ssl/private/wildcard-"${DOMAIN}".pem ]; then sudo rm /etc/ssl/private/wildcard-
"${DOMAIN}".pem; fi
sudo find /etc/letsencrypt/live -type l -iname '*pem' -mmin -3 -exec cat "{}" >>
/etc/ssl/private/wildcard-"${DOMAIN}".pem \;
}

function pfx() {
```

```
if [ -f /etc/ssl/private/wildcard-"${DOMAIN}".pem ]; then sudo openssl pkcs12 -inkey
/etc/ssl/private/wildcard-"${DOMAIN}".pem -in /etc/ssl/private/wildcard-"${DOMAIN}".pem -
export -out /etc/ssl/private/wildcard-"${DOMAIN}".pfx -passout pass:
fi
}

renew
merge
pfx
ntfy.sh ssl renewal complete
```

pemCheck script

This script checks a certificate to check if it is expired or not

```
#!/bin/bash
# /usr/local/bin/pemCheck <certfile>

CURRENT=$(date +%s)
CERT=$(openssl x509 -enddate -noout -in "${1}" | awk -F\= '{print $2}')
CHECK=$(date -d"${CERT}" +%s)

if [[ $CHECK -lt $CURRENT ]]
then
echo "removing ${1}"
rm "${1}"
else
echo "valid cert ${1} expires ${CERT}"
fi
```

asdas

- ☐ script info
- ☐ check mark

further info

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<u>Github</u>	Link
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