生成 private.key and certificate.crt

上载到 DNS

从 DNS 下载证书并格式化成 certificate.crt

使用 certificate.crt 加密 openssl smime -encrypt -binary -aes-256-cbc -in "$FILE" -out "$OUT" -outform PEM "$CERT_PEM"

使用 private.key 解密 openssl smime -decrypt -in "$ENC_FILE" -inform PEM -inkey "$PRIVATE_KEY" -out "$OUT_FILE"

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Creat private.pem
openssl genrsa -out private.key 2048
Creat public.crt
openssl req -new -x509 -key private.key -out certificate.crt -days 365
verify:
openssl x509 -noout -pubkey -in certificate.crt | openssl md5
openssl rsa -pubout -in private.key | openssl md5



Grep raw certificate in one line
sed -e '1d' -e '$d' -e ':a;N;$!ba;s/\n//g' certificate.crt

Retrive TXT
dig +short TXT encrypt  domain.com


Format raw txt to  certificate format
dig +short TXT "$TXT_NAME" |
       sed 's/^"k=rsa; p=//; s/"$//'| tr -d '"' | tr -d '\n' | tr -d ' '|
         fold -w64 |awk 'BEGIN{print "-----BEGIN PUBLIC KEY-----"} {print}
END{print "-----END PUBLIC KEY-----"}'
```