

Apache Server CSR

키 쌍 생성을 위해 Open SSL 설치 디렉토리(예. /usr/local/ssl/bin) 에서 아래 명령어대로 입력하십시오.

```
# openssl req -new -nodes -keyout private.key -out public.csr
```

다음 정보를 입력하라는 메시지가 나타납니다.

- Country(국가 코드) -
- State/province (시/도의 전체 이름) -
- Locality(시, 구, 군 등의 이름) -
- Organization(회사 이름) -
- Organization Unit(부서명(예를 들면 전산팀,마케팅팀, 개발팀, 운영팀 등)) :
- Common Name(host name+ domain name 서비스할 전체 URL) :

"추가 속성"을 입력하라는 메시지가 나타나면 그냥 무시하십시오.

```
[root@csteam /usr/local/ssl/bin]# openssl req -new -nodes -keyout private.key -out public.csr
Using configuration from /usr/local/ssl/openssl.cnf
Generating a 1024 bit RSA private key
.+++++
.....+++++
writing new private key to 'private.key'
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:KR
State or Province Name (full name) [Some-State]:Seochogu
Locality Name (eg, city) []:Seoul
Organization Name (eg, company) [Internet Widgits Pty Ltd]:CrossCert Inc.
Organizational Unit Name (eg, section) []:cs team
Common Name (eg, YOUR name) []:csteam.crosscert.com
Email Address []:manage@crosscert.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@csteam /usr/local/ssl/bin]#
```

키 파일에 암호를 설정하십시오. (선택사항이나, 보안을 위해 권장합니다.)

```
# openssl rsa -in private.key -des3 -out secureprivate.key
```

```
# chmod 400 secureprivate.key
```

```
[root@csteam /usr/local/ssl/bin]# openssl rsa -in private.key -des3 -out secureprivate.key
read RSA key
writing RSA key
Enter PEM pass phrase:
Verifying password - Enter PEM pass phrase:
[root@csteam /usr/local/ssl/bin]# chmod 400 secureprivate.key
[root@csteam /usr/local/ssl/bin]#
```

아래에서 private.key는 암호가 설정되지 않은 키 파일, secureprivate.key 는 암호가 설정된 키파일이며, public.csr 은 CSR 파일입니다.

```
[root@csteam /usr/local/ssl/bin]# ls
./                c_rehash#       openssl#         public.csr
../              md5              private.key      secureprivate.key
[root@csteam /usr/local/ssl/bin]#
```

생성된 CSR 파일 public.csr 을 vi 로 열어보면 아래와 같습니다.

```
-----BEGIN CERTIFICATE REQUEST-----
MIIB4DCCAUkCAQAwZ8xCzAJBgNVBAYTAktSMREwDwYDZQQIEwhtZW9jaG9ndTEO
MAwGA1UEBxMFU2YvdWwxFzAVBgNVBAoTDkNyb3NzQ2VydCBJbmMuMRAwDgYDZQQQ
EwdjcyB0ZWZtMR0wGwYDZQQDEXRjc3RlYW0uY3Jvc3NjZXJ0LmNvbTEjMCEGCSqG
SIb3DQEJARYUbnWfUyWdIQGNyb3NzY2VydC5jb20wZ8wDQYJKoZIhvcNAQEBBQAD
gY0AMIGJAoGBALtRghP//c+5E8evd6K0onBIg09meG12M4SAbKDCut iBUrUGm i0s
f0ppKYuHQ8HTQR8g3F6QpYscG03 IBEEATKMZB5Cu/N+mEsSVybLrqNUJOPhoI6BMN
5d1Me34gRyr+N/GFP00C6CdSxXV1sx/GWQ0ytmt j8RsmNAUVtFrI199ZAgMBAAGg
ADANBgkqhkiG9w0BAQQFAAQBQBiSTG6 I+nIYuLgWXr95T2MYVmwgk8/Y5egT3 Ir
5qwfYIHZSuec1s/NJdw0wWux4sm5PbuSp97kvIqTMxfHpSN6nPzZsWVrBGhkBI0R
LQ/yYpi5yg76DYEcxfgU40zpBbFWp0GCEPzLg3JeynvYj9 lslae65xi5 17D3nf5b
BSsPQQ==
-----END CERTIFICATE REQUEST-----
```

이 부분을 복사하여 한국전자인증(www.crosscert.com) 인증서 신청 4단계 CSR 보내기에 붙여넣기 하신 후 인증서를 신청해 주십시오.