

IT 네트워크 시스템 *IT Network Systems* *Administration*

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✦ - Worldskills Korea - Assessment Task (IT Network Systems) -  [Written by NullBins]

- By default, the commands are executed as a root user.

[Project-1] < Linux Environments >

6. Certificate Authority 구성 (Certificate Authority Configuration)

- ✦ DONG-SRV1 에서 DONG-CA 인증기관 설립 구성 시 패키지 도구는 OPENSSL를 사용함.

< Configuration >

- [DONG-SRV1]

```
apt install openssl -y
```

```
vim /etc/ssl/openssl.cnf
```

```
[ CA_default ]
dir               = /etc/ssl/DONG-CA
x509_extensions  = v3_req
policy            = policy_anything

[ req_distinguished_name ]
countryName_default      = KR
#stateOrProvinceName_default      = Some-State
0.organizationName_default      = DONG
```

```
vim /usr/lib/ssl/misc/CA.pl
```

```
my $CADAYS = "-days 1825";      # 5년
my $CATOP = "/etc/ssl/DONG-CA";
```

```
/usr/lib/ssl/misc/CA.pl -newca      # CN=DONG-CA 설정
```

```
Common Name (e.g. server FQDN or YOUR name) [] :DONG-CA
```

```
cp /etc/ssl/DONG-CA/cacert.pem /usr/local/share/ca-certificates/ca.crt  
update-ca-certificates
```
