

# Create a root certificate

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If you already have a root certificate ready, use certificate import. More in the [certificate import instructions](#) section.

Go to menu item **VPN servers -> IKEv2**

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### IKEv2

Save Advanced settings

IKEv2 Enabled  
NO

Starter: **not running**

Charon: **not running**

ROOT certificate  
**Certificate not found**  
Common name\*  
TEST\_CN

Organization\*  
TEST\_O

Organizational Unit  
TEST\_OU

Locality  
TEST\_L

State or Province Name  
TEST\_S

Country Name  
TEST\_C

Generate ROOT certificate

SERVER certificate  
**Certificate not found**  
Server Domain\*

ROOT certificate **Certificate not found**  
Import ROOT certificate and key

CaCert

CaKey

SERVER certificate info **Certificate not found**

You need to fill in the required fields such as:

- Common name
- Organization

Then click the button **Generate ROOT certificate**

After these steps, the **root certificate and private key** will be generated. Information about the certificate will be available in the same place.

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## IKEv2

Save Advanced settings

IKEv2 Enabled: NO

Starter: **not running**

Charon: **not running**

**ROOT certificate certificate trusted, lifetimes valid**

Delete ROOT certificate

**SERVER certificate Certificate failed**

Server Domain\*: dev.softkeel.com

Server IP\*: 77.87.125.200

Common name\*: dev.softkeel.com

Organization\*: dev.softkeel.com

Organizational Unit: TEST\_OU

Locality: TEST\_L

State or Province Name: TEST\_S

Country Name: TEST\_S

Generate SERVER certificate

**ROOT certificate certificate trusted, lifetimes valid**

Download CA certificate Download CA key

```
subject: "CN=TEST_CN, O=TEST_O, OU=TEST_OU, L=TEST_L, S=TEST_S, C=TEST_C"
issuer: "CN=TEST_CN, O=TEST_O, OU=TEST_OU, L=TEST_L, S=TEST_S, C=TEST_C"
validity: not before Dec 13 10:13:17 2022, ok
not after Dec 10 10:13:17 2032, ok (expires in 3650 days)
serial: 25:c6:13:87:bd:f4:93:00
flags: CA CRLSign self-signed
subjKeyId: 0f:1b:3c:bf:78:91:27:b7:f0:3b:2a:d9:d6:a4:e1:d2:cd:8f:4e:45
pubkey: RSA 4096 bits
keyid: e9:a8:b9:45:fa:ee:5c:48:2e:e7:e5:8e:fa:33:46:4c:cb:8c:20:f4
subjkey: 0f:1b:3c:bf:78:91:27:b7:f0:3b:2a:d9:d6:a4:e1:d2:cd:8f:4e:45
```

**SERVER certificate info Certificate failed**

To download the root certificate and private key, you can use the buttons **Download CA certificate** and **Download CA key**

To remove the root certificate, use the **Delete ROOT certificate** button

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