

# 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**

**PUQVPNCP** ? HELP ? ruslan (79.184.3.204) Logout

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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.

PUQVPNCP

? HELP ?ruslan (79.184.3.204)Logout

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IKEv2

SaveAdvanced settings

IKEv2 EnabledNO

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 UnitTEST\_OU

LocalityTEST\_L

State or Province NameTEST\_S

Country NameTEST\_S

Generate SERVER certificate

Successfully

ROOT certificate certificate trusted, lifetimes valid

Download CA certificateDownload 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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