

# 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**

The screenshot shows the PUQVPNCP web interface. The top navigation bar includes 'Dashboard', 'VPN servers', 'VPN accounts', 'Settings', and 'About us'. The 'VPN servers' section is expanded, showing 'WireGuard' and 'IKEv2' (highlighted). The 'IKEv2' configuration page is displayed, featuring a 'Save' button and an 'Advanced settings' link. The 'IKEv2 Enabled' dropdown is set to 'NO'. The 'Starter' and 'Charon' status is 'not running'. The 'ROOT certificate' section shows 'Certificate not found' and 'Common name\*' with a red box around the 'TEST\_CN' input field. The 'Organization\*' field has 'TEST\_O' entered, also highlighted with a red box. The 'Organizational Unit' field contains 'TEST\_OU'. The 'Locality' field contains 'TEST\_L'. The 'State or Province Name' field contains 'TEST\_S'. The 'Country Name' field contains 'TEST\_C'. A green box highlights the 'Generate ROOT certificate' button. The 'SERVER certificate' section shows 'Certificate not found' and 'Server Domain\*'. The right sidebar contains 'ROOT certificate' (Certificate not found), 'Import ROOT certificate and key', 'CaCert', 'CaKey', and '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

DashboardVPN serversVPN accountsSettingsAbout us

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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