

# Create a server certificate

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Before creating a server certificate, you must create or import a root certificate.

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 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=PUQ VPN, O=PUQ sp. z o.o., OU=PUQ VPN, L=Warszaw, C=PL"  
issuer: "CN=PUQ VPN, O=PUQ sp. z o.o., OU=PUQ VPN, L=Warszaw, C=PL"  
validity: not before Dec 05 12:32:38 2022, ok  
not after Dec 02 12:32:38 2032, ok (expires in 3642 days)  
serial: 31:86:4b:df:10:2f:81:fc  
flags: CA CRLSign self-signed  
subjkeyId: 56:c2:cc:8f:a3:d4:c7:7c:36:31:b5:a4:23:ea:fa:4b:0e:d0:c8:60  
pubkey: RSA 4096 bits  
keyid: 34:92:a9:5d:0f:00:a0:65:c0:39:2a:33:b1:b8:ed:92:e4:ce:2e:11  
subjkey: 56:c2:cc:8f:a3:d4:c7:7c:36:31:b5:a4:23:ea:fa:4b:0e:d0:c8:60

SERVER certificate info **Certificate failed**

You need to fill in the required fields such as:

- **Server Domain**
- **Server IP**
- **Common name**
- **Organization**

Then click the button **Generate SERVER certificate**

After these steps, the **Server 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)

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IKEv2

Save Advanced settings

IKEv2 Enabled

YES

Starter: PID: 2106159

Charon: PID: 2106160

ROOT certificate

certificate trusted, lifetimes valid

Delete ROOT certificate

SERVER certificate

certificate trusted, lifetimes valid

Delete SERVER certificate

ROOT certificate certificate trusted, lifetimes valid

Download CA certificate Download CA key

subject: "CN=PUQ VPN, O=PUQ sp. z o.o., OU=PUQ VPN, L=Warszaw, C=PL"

issuer: "CN=PUQ VPN, O=PUQ sp. z o.o., OU=PUQ VPN, L=Warszaw, C=PL"

validity: not before Dec 05 12:32:38 2022, ok

not after Dec 02 12:32:38 2032, ok (expires in 3642 days)

serial: 31:86:4b:df:10:2f:81:fc

flags: CA CRLSign self-signed

subjkeyId: 56:c2:cc:8f:a3:d4:c7:7c:36:31:b5:a4:23:ea:fa:4b:0e:d0:c8:60

pubkey: RSA 4096 bits

keyid: 34:92:a9:5d:0f:00:a0:65:c0:39:2a:33:b1:b8:ed:92:e4:ce:2e:11

subjkey: 56:c2:cc:8f:a3:d4:c7:7c:36:31:b5:a4:23:ea:fa:4b:0e:d0:c8:60

SERVER certificate info certificate trusted, lifetimes valid

subject: "CN=dev.softkeel.com, O=dev.softkeel.com, OU=TEST OU, L=TEST\_L, S=TEST\_S, C=TEST\_S"

issuer: "CN=PUQ VPN, O=PUQ sp. z o.o., OU=PUQ VPN, L=Warszaw, C=PL"

validity: not before Dec 13 10:37:44 2022, ok

not after Dec 12 10:37:44 2027, ok (expires in 1824 days)

serial: 10:a4:8f:79:21:ec:b2:e8

altNames: dev.softkeel.com, 77.87.125.200

flags: serverAuth ikeIntermediate

authkeyId: 56:c2:cc:8f:a3:d4:c7:7c:36:31:b5:a4:23:ea:fa:4b:0e:d0:c8:60

subjkeyId: d6:47:a2:4f:8f:2b:78:66:a7:d2:c6:77:ae:fb:71:47:e2:9f:46:79

pubkey: RSA 4096 bits

keyid: 8c:3f:a3:99:b7:45:7a:ed:d9:cb:b4:1c:a5:8b:97:f6:a0:e3:ee:93

subjkey: d6:47:a2:4f:8f:2b:78:66:a7:d2:c6:77:ae:fb:71:47:e2:9f:46:79

To remove the server certificate, use the **Delete SERVER certificate** button

After a successful server certificate generation process, the IKEv2 server transitions to the enabled state.

IKEv2 Enabled

YES

Starter: PID: 2106159

Charon: PID: 2106160

Revision #7

Created 13 December 2022 09:34:08 by Ruslan

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