

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**

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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.

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IKEv2

Successfully ×

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 02:34:08 by Ruslan

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