

Importing and Exporting Proxy Server Certificates

Exporting a Certificate

The installed Bridge Proxy Server certificate can be exported in order to re-install (import) it after a new installation of the Bridge.

The export function uses the Public-Key Cryptography Standards (PKCS) , in particular the Personal Information Exchange format (PKCS #12) , which specifies a portable format for storing or transporting a user's private keys, certificates, miscellaneous secrets, etc.

If you update the Bridge rather than a new installation, the certificate stays installed and does not have to be imported again.

On the **Certificate** tab, all related actions can be executed, if the user has administration rights.

bridge.scheer-acme.com

Proxy EntriesCertificateConfigurationsConfiguration Template

Proxy Service Certificate

Version	3
Serial Number	3c:aeb3:ce:2e:c0:7b:49
Algorithm	SHA256WITHRSA
MD5 Fingerprint	09:2d:61:86:43:7d:3a:f8:53:13:c8:a5:09:8b:98:e9
SHA1 Fingerprint	cc:b8:82:11:bd:b6:8d:64:83:dd:7d:64:85:fc:a4:2f:ff:31:8e:0d
Subject DN	O=Snake Oil,CN=bridge.scheer-acme.com
Valid Not Before	Mon Sep 23 17:10:40 CEST 2019
Valid Not After	Thu Jul 14 17:10:40 CEST 2022
Issuer DN	O=Snake Oil,CN=bridge.scheer-acme.com

Create CSRInstall CertificateExportImportCreate New Self-Signed Certificate

Export Certificate

Password

Retype Password

ExportCancel

In order to export the certificate, click **Export**.

Enter a password, which will be needed again, when importing the exported **.p12** file, and click **Export**. Clicking **Cancel**, you can cancel the export and go back to the main certificate page.

If you have installed intermediate certificates to your Bridge proxy, they will be included in the export file.

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Related Pages:

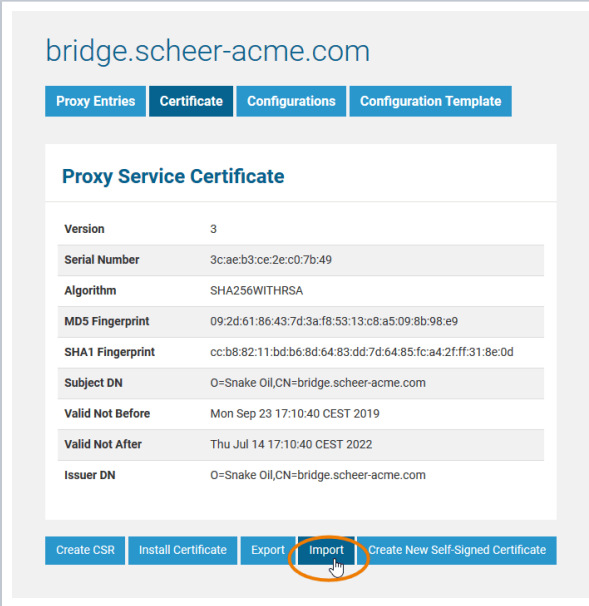
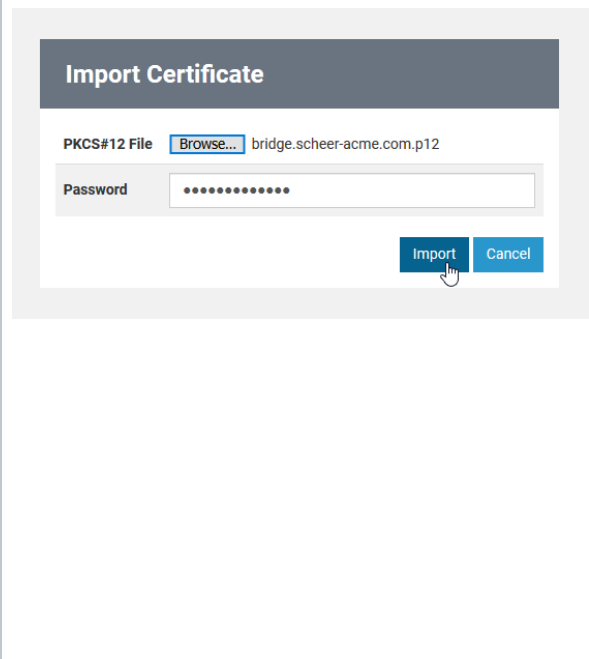
- [Requesting and Installing a Certificate](#)
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Save the generated file at a destination of your choice. Click **Cancel** to return the main certificate page.

Importing a Certificate

An exported Bridge Proxy Server certificate can be imported again in case the Bridge has been uninstalled and re-installed for any reason. The certificate has been exported (see previous chapter) using the Public-Key Cryptography Standards (PKCS), in particular the Personal Information Exchange format (PKCS #12) , which specifies a portable format for storing or transporting a user's private keys, certificates, miscellaneous secrets, etc.

On the **Certificate** tab, all related actions can be executed, if the user has administration rights.

	In order to install a saved certificate, click Import.
	Select the PKCS#12 file, which you stored when exporting the certificate. Enter the password, which you also set when exporting the certificate. Then, click Import. If the certificate file contains intermediate certificates, they will be imported as well. Clicking Cancel, you can cancel the import and go back to the main certificate page.

If you have chosen an invalid PKCS#12 file (for instance, if it contains a certificate of another node instance), or entered the wrong password, an error message will be displayed. After successfully importing the certificate, the main certificate page is displayed again showing updated certificate information.