

# Managing Bridge Proxy Server Certificates

When deploying a service using a proxy, the proxy will be set up on the denoted node instance. A Bridge Proxy Server certificate enables encrypted secure communication via the Apache proxy. When installing the Bridge, a self-signed default SSL certificate is generated. If you want to install an official certificate, you need to order one from an official certificate authority like VeriSign.

As of Bridge 7, the MD5 certificate algorithm is deprecated. Please use a secure algorithm, e.g. SHA256.

In the **Node Instances** section of the navigation, click the name of the node instance, where the deployed proxy service runs. Then, click the sub-navigation item with the proxy node name below the navigation item **Proxy Services**. In order to view the proxy certificate information, switch to the **Certificate** tab.

All users are allowed to view the certificate information.

## Related Pages:

- [Requesting and Installing a Certificate](#)
- [Importing and Exporting Proxy Server Certificates](#)
- [Renewing the Self-signed Proxy Certificate](#)

bridge.scheer-acme.com

Proxy Entries **Certificate** Configurations Configuration Template

### Proxy Service Certificate

Version	3
Serial Number	3c:ae:b3: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 CSR Install Certificate Export Import Create New Self-Signed Certificate

Besides viewing the certificate, managing Bridge Proxy Server Certificates includes:

- [Requesting and Installing a Certificate](#)
- [Importing and Exporting Proxy Server Certificates](#)
- [Renewing the Self-signed Proxy Certificate](#)