Provide root CA for TightGate-Viewer centrally under Windows

If user authentication at TightGate-Pro is carried out via an Active Directory, the security certificate from TightGate-Pro must be trusted when logging in for the first time. This is necessary so that TightGate-Viewer can establish an encrypted connection to the TightGate-Pro server.

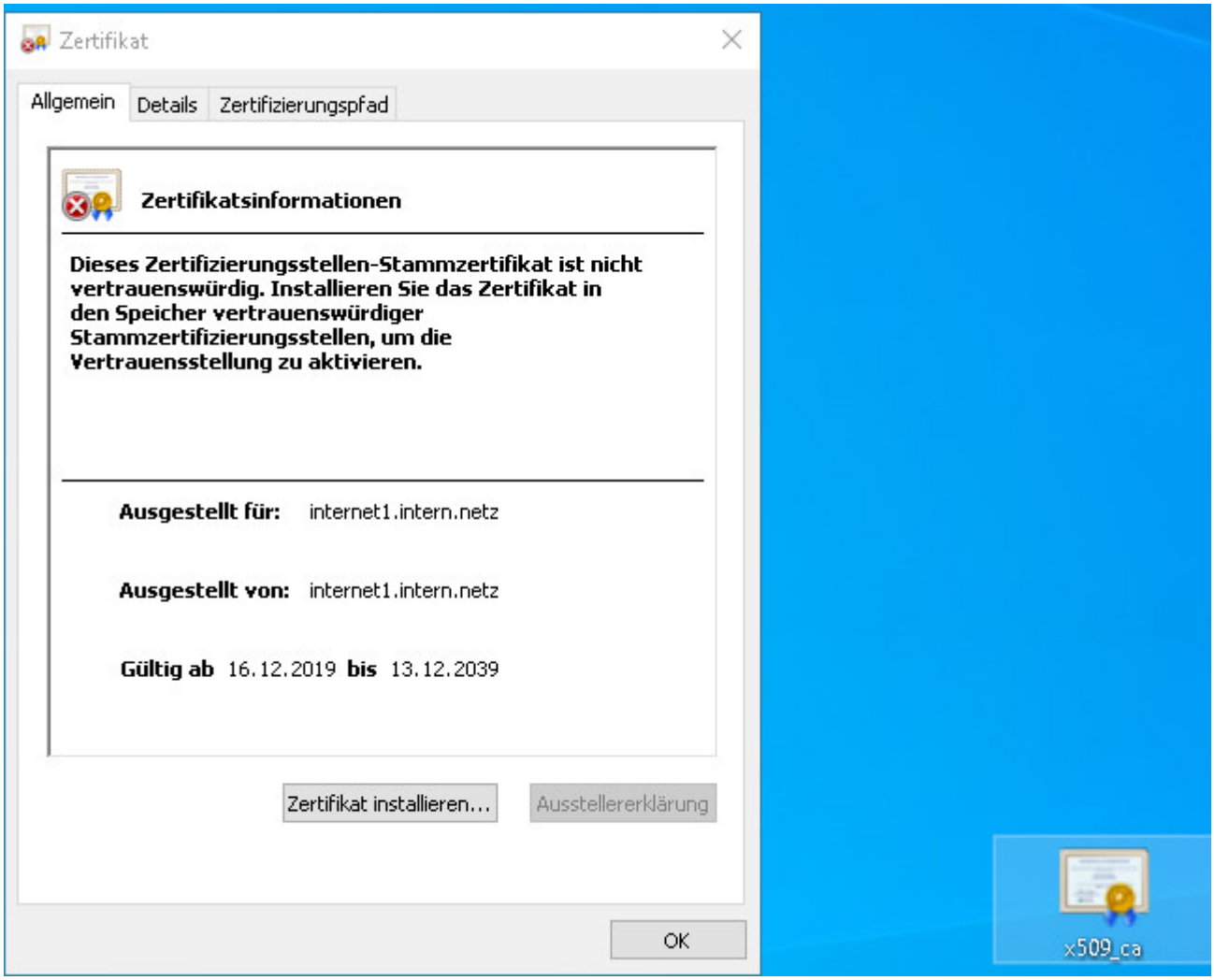
If you want to avoid the question about trusting the login appearing at the first login, you can store the root CA certificate centrally in the Windows certificate store. The following instructions describe the procedure.

Export Root CA

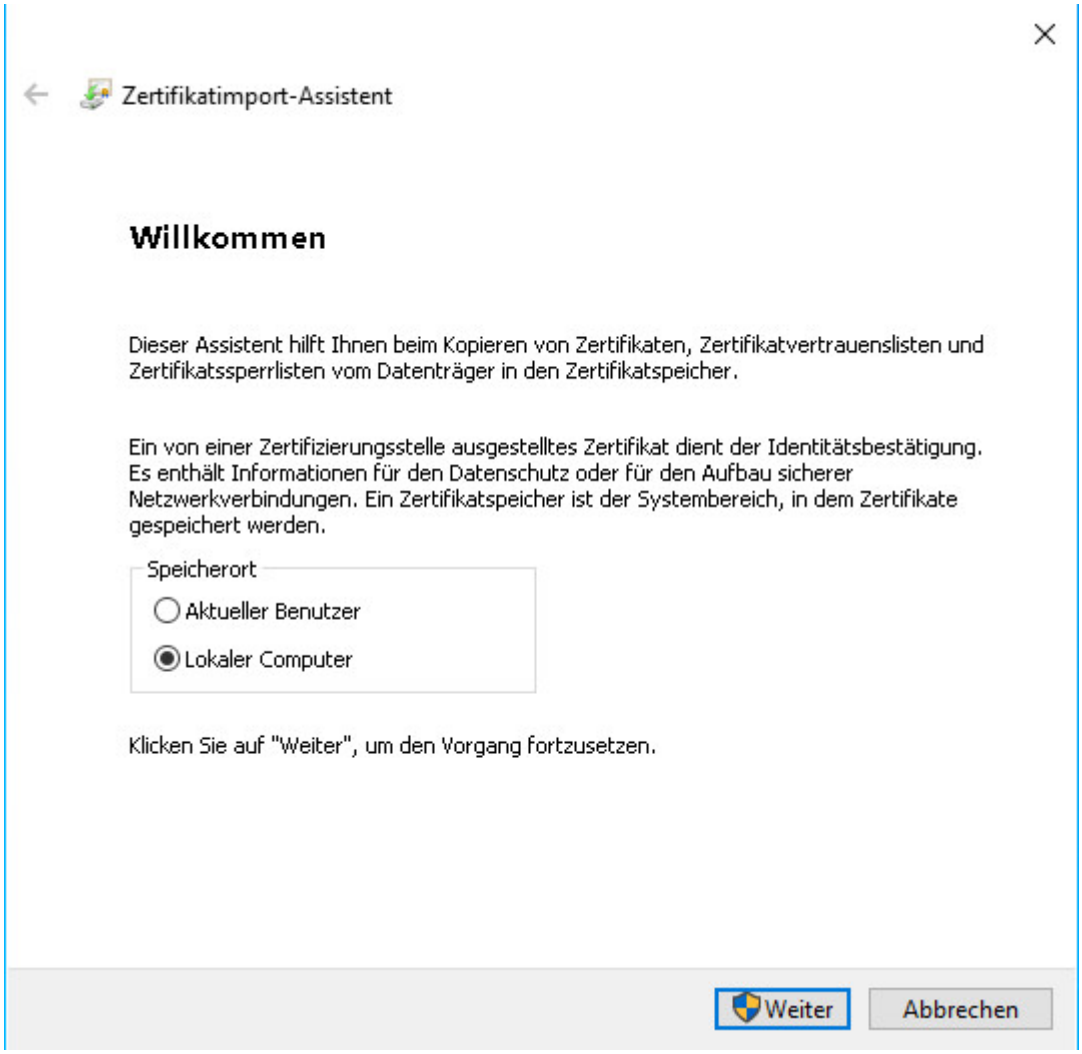
1. Please access TightGate-Pro as administrator ***maint*** and select the menu item **User administration > Create SSL key** menu item.
2. Select an existing USER and open the dialogue **SSL key was created or updated for USER XYZ** with **OK** to confirm.
3. The following question **Should the created certificates now be exported?** with **Yes** to confirm.
4. Now connect with an SFTP programme (e.g. WinSCP) to TightGate-Pro as user Administrator ***config***. Under the directory **/home/user/.transfer/config/certs/BENUTZER** you will now find the file **x509_ca.pem**.
5. Copy this file to the Windows computer into whose certificate store it is to be imported.
6. Name the file **x509_ca.pem** to **x509_ca.crt** .

Import certificate file into the Windows certificate store

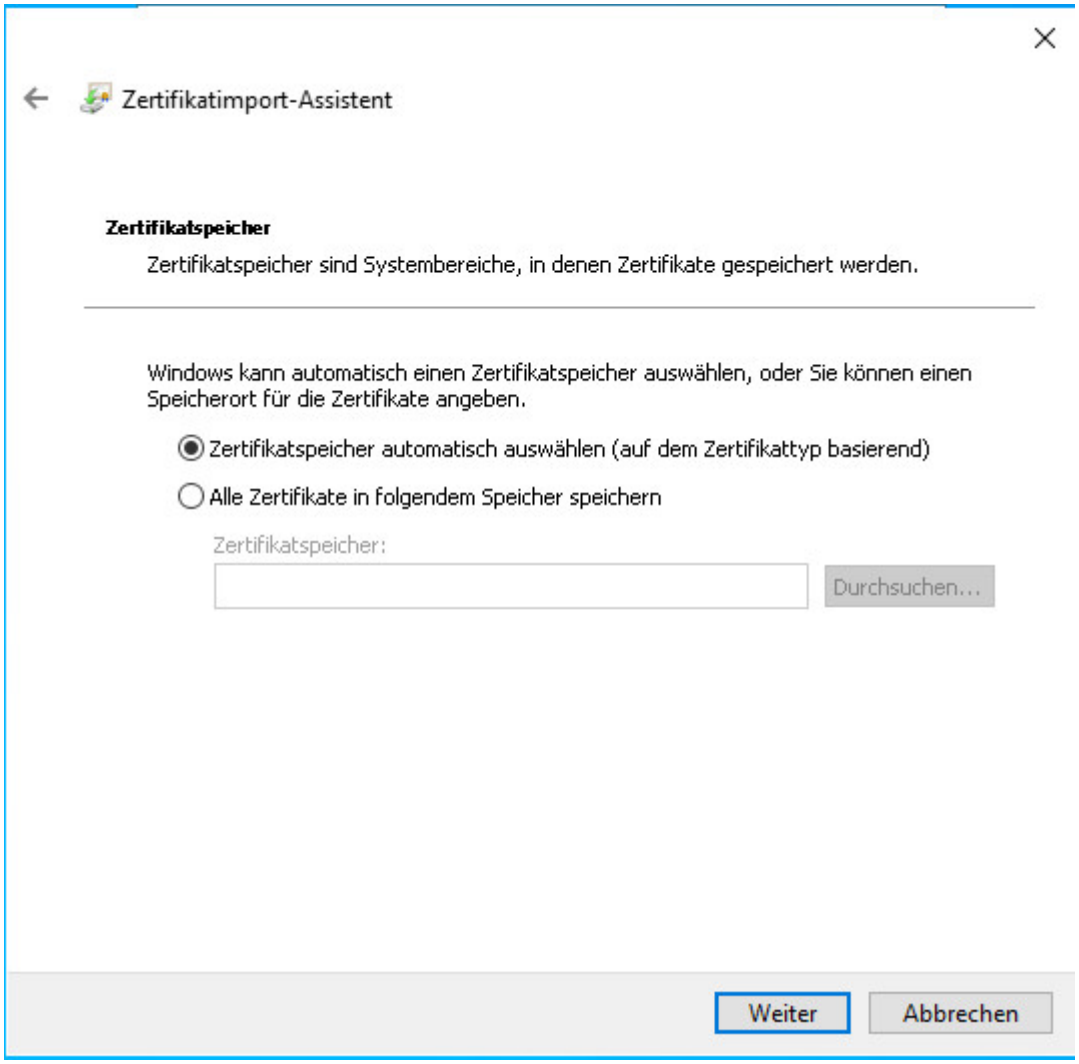
- Double-click on the file **x509_ca.crt** file.
- The certificate opens. Click on the button **Install certificate…**



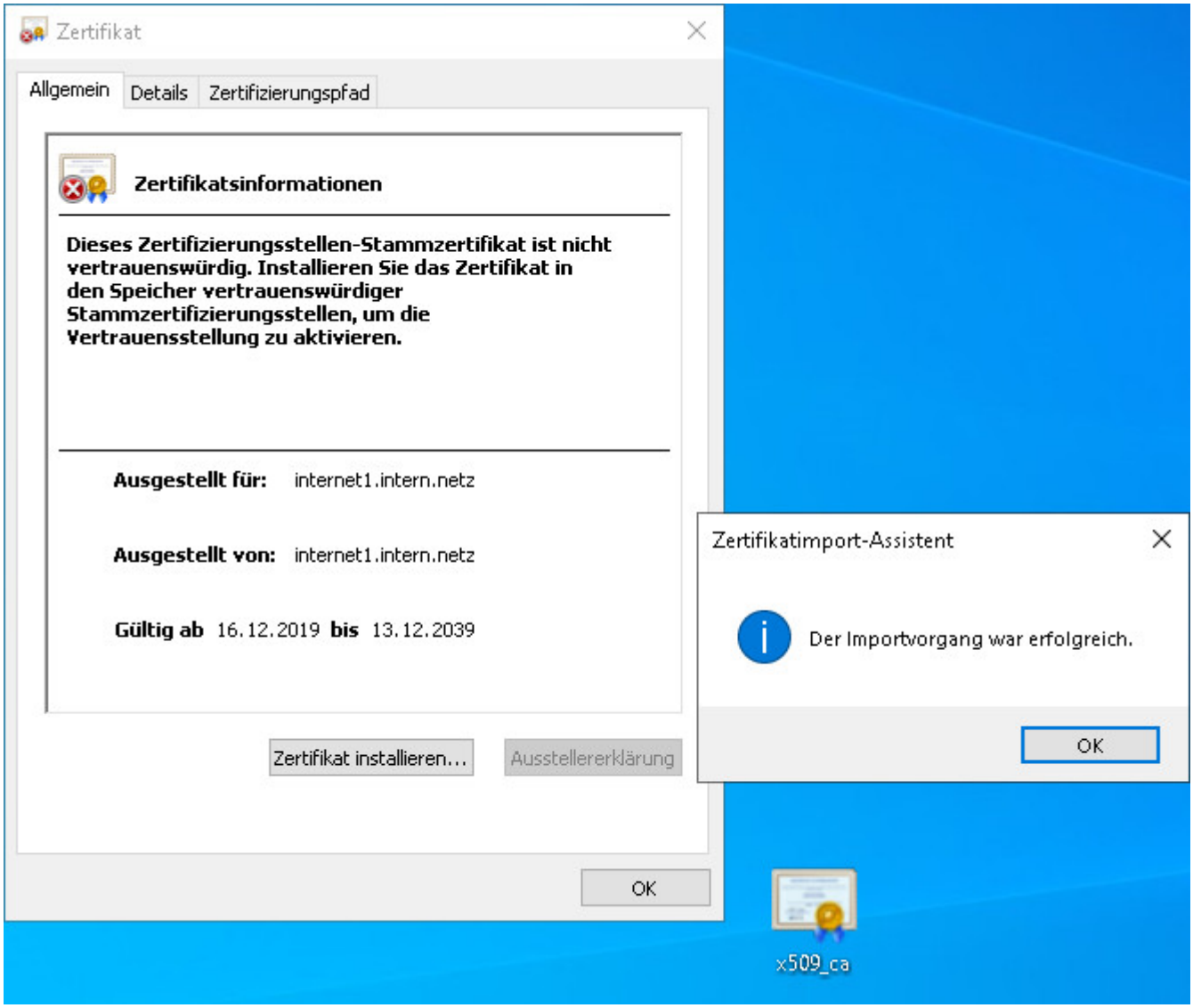
- The certificate import wizard opens. Select **Local computer** from the list.



- Then select the preferred certificate store and then click Finish.



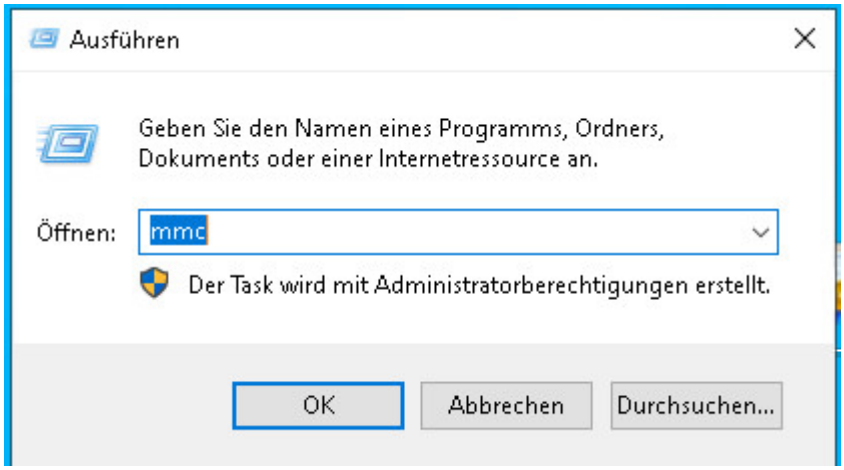
- A message about the successful import should appear.



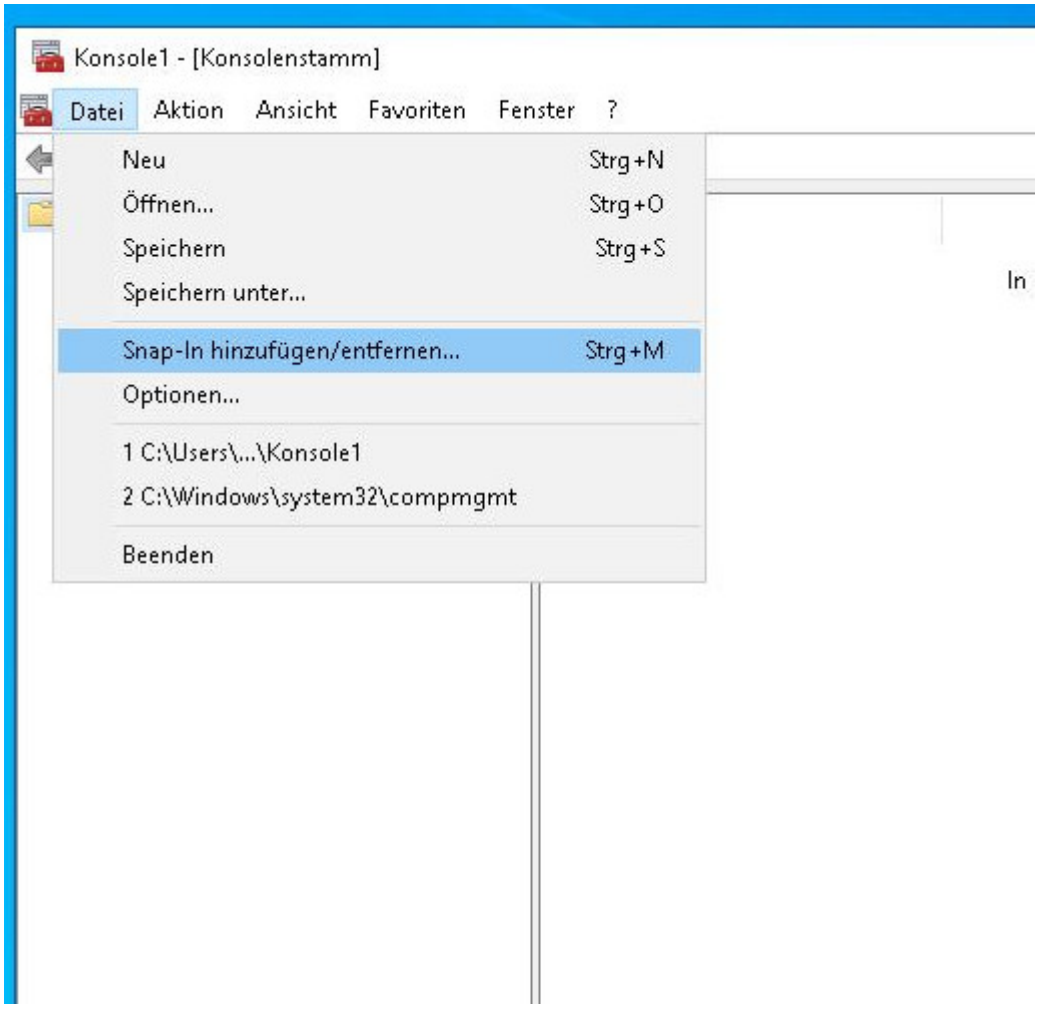
- Finally, delete the %APPDATA%\vnc directory. The SSO login with AD should work without the TLS confirmation message appearing. The file **x509_savedcerts.pem** file should not be created after closing TightGate-Viewer.

Removing the certificate file from the Windows certificate store

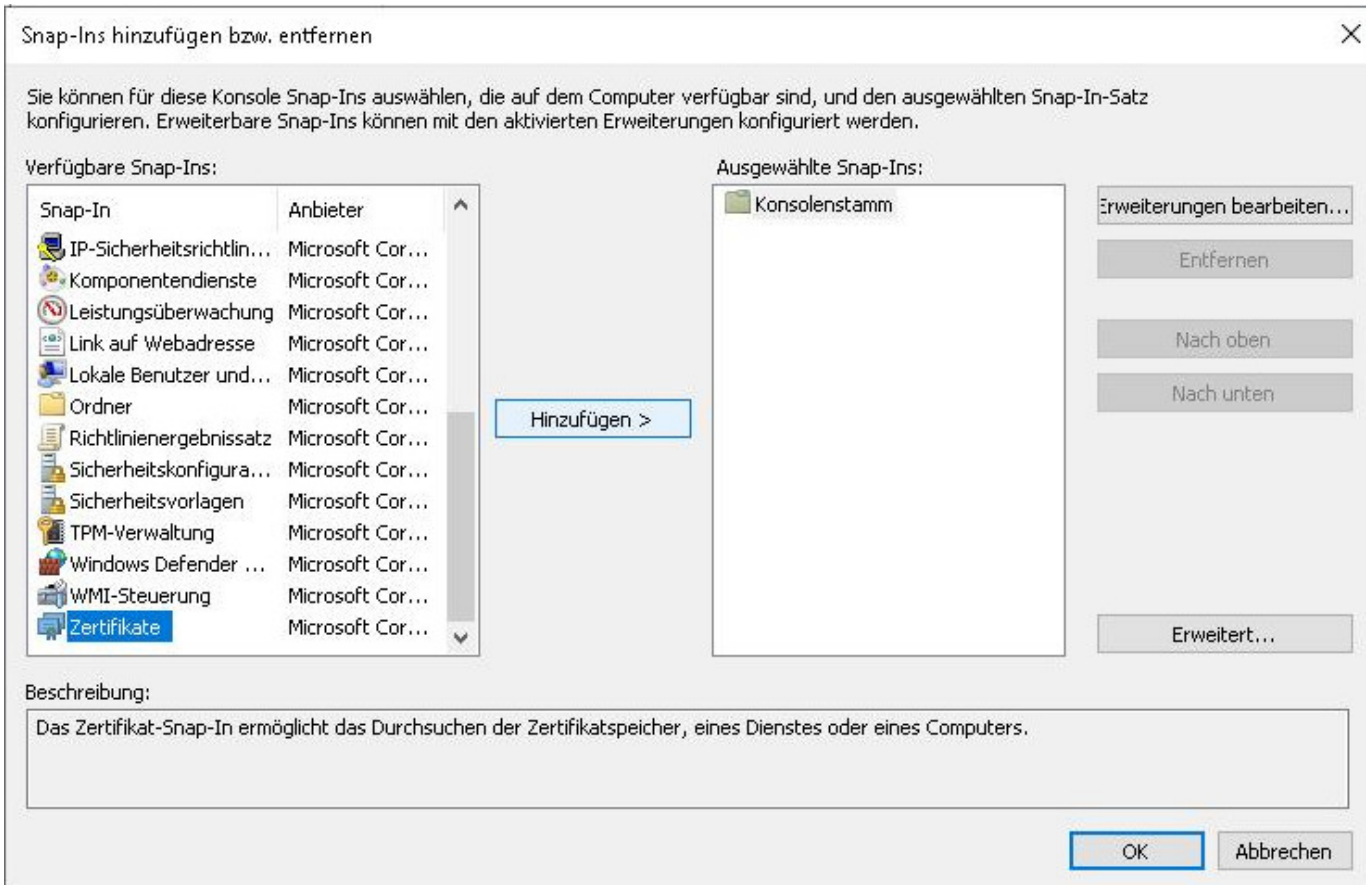
- Log in as **administrator** on the Windows PC.
- Right-click on the **Windows icon > Run**. Enter **mmc** and confirm with **OK**.



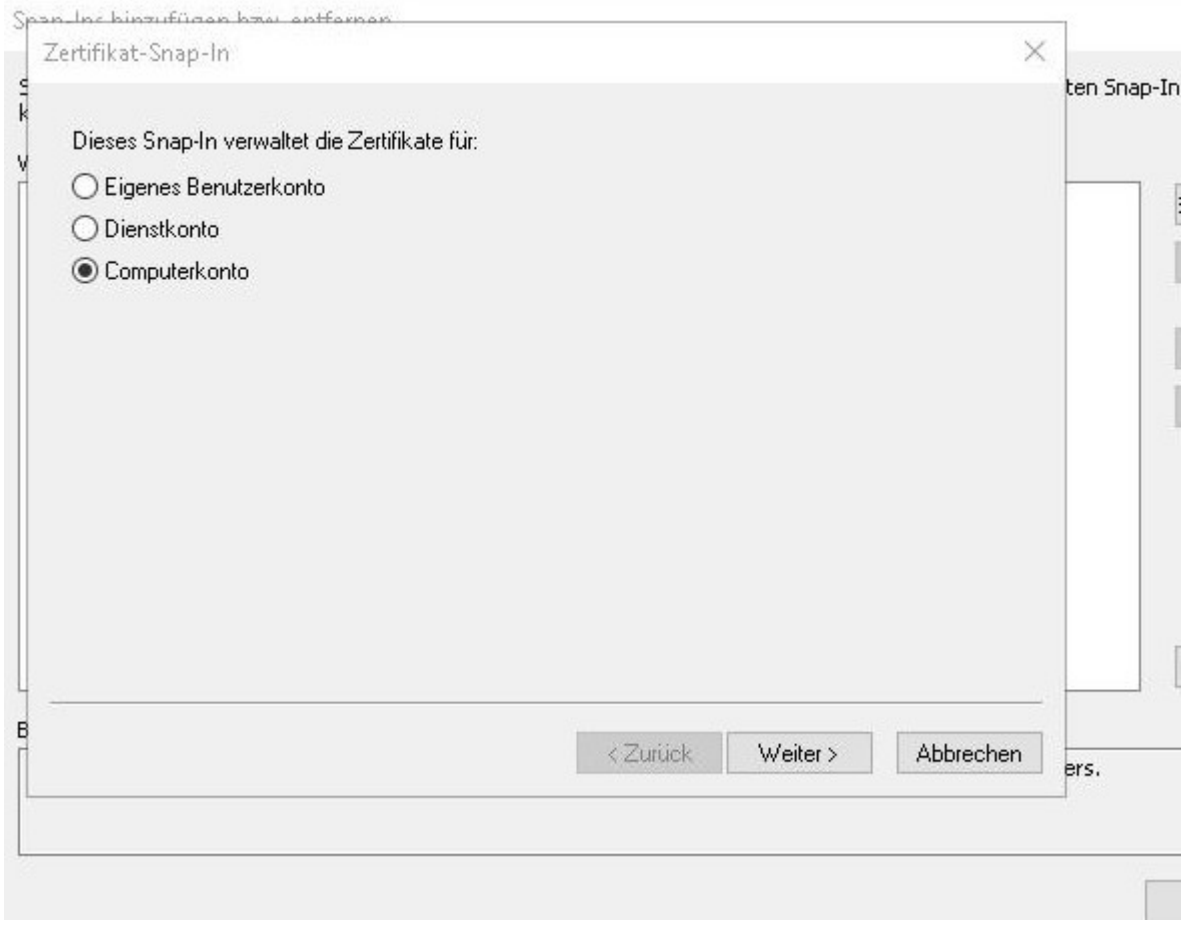
- The **Microsoft Management Console** opens. In the console, please click on **File > Add/Remove Snap-In...** click.



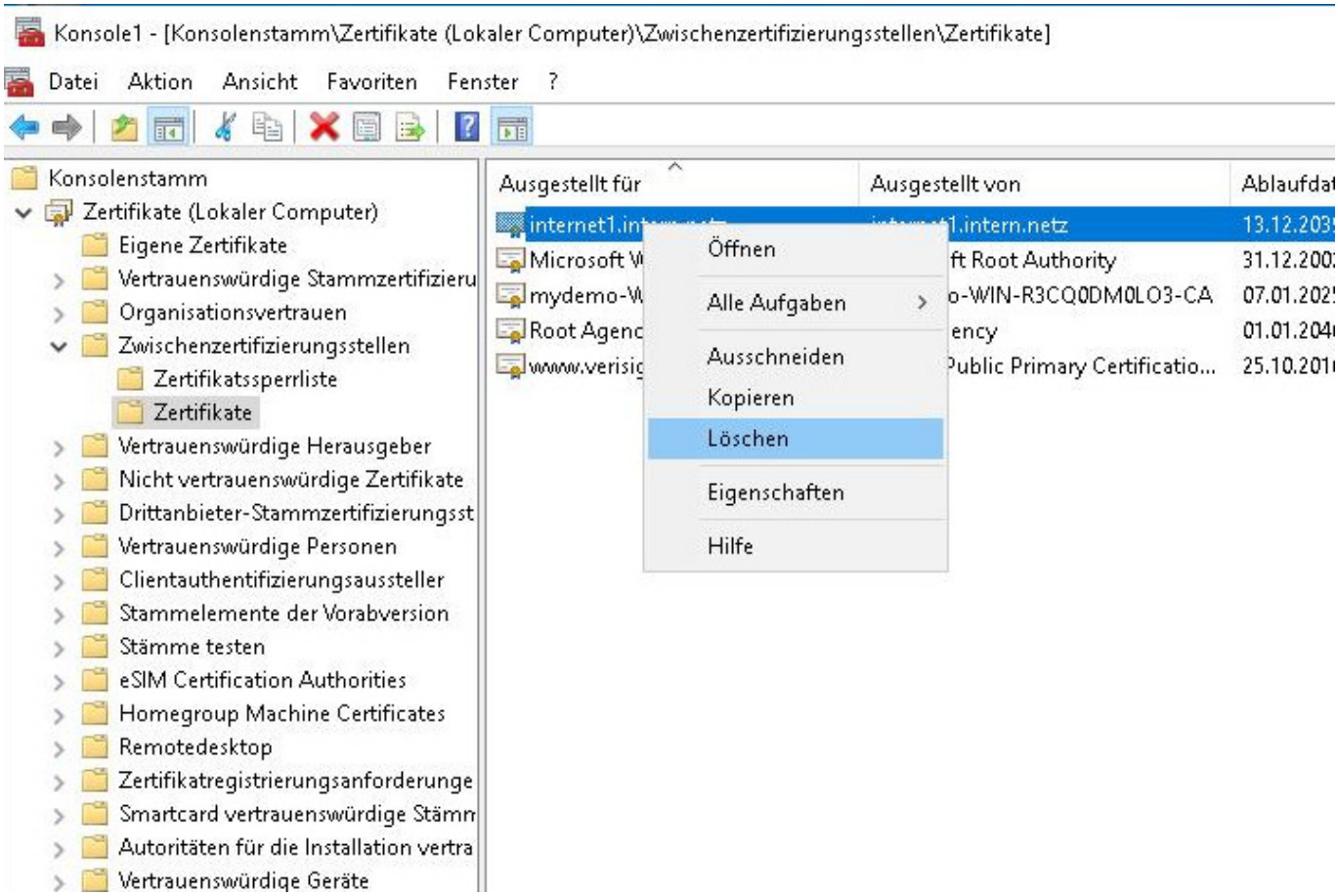
- In the following window, scroll down in the left-hand sub-window, select the snap-in **certificates** and then click on **Add** button.



- Another window opens in which **computer account** must be selected and then **Local computer**. Close the entry with **OK** to finalise.



- Then right-click on **Own certificates > Certificates** and select the menu item **Delete**.



- **Do not forget!** Finally, save the Microsoft Management Console session with **File > Save / Save as ...**
- Done, the TLS confirmation message should now be displayed again when starting TightGate-Pro.