

## Export certificates through the QMC

Below details is a checklist that will help in exporting Qlik certificates in .pem format:

1. Open the QMC  
`https://<serverip>/qmc`
2. Select Certificates on the QMC start page or from the menu.
3. The Export page for Certificates is displayed.
4. In the Machine name box, type the full computer name MYMACHINE.mydomain.com or the IP address.
5. Using a password is optional, the same password applies to exported client and server certificates.
6. Select Include secret key if you want to add a secret key to the public key.
7. Select the file format in the Export file format for the certificates drop-down list. The Platform Independent PEM-Format is .pem.
8. Click Export Certificates in the action bar.
9. The export of certificates is initiated and Exporting certificates are displayed.
10. When the export is finished, Certificates will be exported to this disk location and displays the target directory where one folder for each computer is added.
11. In every folder the following certificates are created: client.pem, root.pem, server.pem.
12. The certificates will be exported to the below location on the server: `C:\ProgramData\Qlik\Sense\Repository\Exported Certificates`