

# N4.7 to N4.10

Install N4.10, copy modules to N4.10 modules folder.

nre.properties file needs to be edited to allow the stations to have as much ram as they need.

- local: | file:/C:/ProgramData/Niagara4.10/JENEsys/etc/nre.properties
- station.java.options=-Dfile.encoding=UTF-8 -Xss512K -Xmx2048M

Open N4.10 workbench => Tools => Certificat Management

- Import certs into User Key Store
- Import Lynxpring Cert from local: | file:!!LynxpringModuleCertificate
- Approve Allowed Hosts
- Do the same in the station CertManagerService of every station

In the Web Service:

- Https Cert, select tridium, save, then select the cert for the server
  - This will ensure that it is truly selected.
- Same Site, select None
- httpHeaderProviders/contentSecurityPolicy, disable

Email Service, SQL and Niagara Network connections will need their credentials re-entered.

Create a normal Signing Cert that you will use to sign the CodeSigningCert

- Open N4.10 workbench => Tools => Certificat Management
- Select new
- Fill out the cert:
  - Alias: SigningCert
  - (CN): SigningCert
  - (OU): Programming
  - (O): TW
  - (L): Kent
  - (ST):WA
  - (C): US
  - Select: Code Signing
  - Email Address: [it@twavetech.com](mailto:it@twavetech.com)
  - Increase the Not After date by a few years
- Enter private key B\*\*\*\*\*

Create a CodeSigningCert

- Open N4.10 workbench => Tools => Certificat Management
- Select new
- Fill out the cert:
  - Alias: CodeSigningCert
  - (CN): CodeSigningCert
  - (OU): Programming
  - (O): TW
  - (L): Kent
  - (ST):WA
  - (C): US
  - Select: Code Signing
  - Email Address: [it@twavetech.com](mailto:it@twavetech.com)
  - Increase the Not After date by a few years
- Enter private key B\*\*\*\*\*
- Click on the cert and then Cert Request
- Enter private key and save it

- Go to Tools=>Certificate Signing
  - Select the .csr file you created before.
  - Add years Not After
  - Select the CA Alias: signingcert you created earlier
  - Enter CA Password
  - Save
- Go to Certificate Management and import the PEM file you just created.
  - It will be imported with a green checkmark
  - This can be used to sign programs
- Go to the CertManagerService of the Station
  - User Trust Store, Approve the codesigning cert
  - This seems to Approve it for the other Stations too
- Go to Tools => Options =>Code Signing Options
  - Select CodeSigningCert you created earlier
- Go to Program Service => RtClick => Views => Program Recompile Tool
  - Select Recompile All
  - Enter private key