

H5 AppBroker – Setting up SSL in 5 Steps (by Jeffrey Kuijt)

Step 1

Get yourself a certificate. I bought one from Comodo.

Step 2

The AppBroker needs a pem certificate file.

In case of Comodo, see this link how to create a pem file:

<https://ssl.comodo.com/support/creating-a-pem-file.php>

Call your pem file for example **yourdomain.pem**.

You can create this file yourself in Notepad with the following information:

```
-----BEGIN RSA PRIVATE KEY-----  
(Between here the content of your Private Key: certificate.key)  
-----END RSA PRIVATE KEY-----  
-----BEGIN CERTIFICATE-----  
(Between here the content of your SSL certificate: certificate.crt)  
-----END CERTIFICATE-----
```

For example:

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEvwIBADANBgkqhkiG9w0BAQEFAASCBAkkgwggSlAgEAAoIBAQDKTrbnXASVqRjH  
nZn6fQZif3E+XhKOnG7WhC1YpJn39suyHtyxWhQs1Al220dqn954TJE0iD75z+sS  
N/LH9Eoz1Crkl197x8EEMuc+f2FT9+CzDC98bummvpGtmzCwADtAe69IbtBrqxc  
4YsBwdroHwVNM1SFGq5CiLZjuMIDbY480kEP/A8thmWfT/3j11YBjst3AbhW0Oqj  
SzWyzcP/L4+XVKEgFq3z6RhZEohN1DboPSR58Ac/aAO/hSW+dq89IMS8d0Ldq4BM  
blah blah blah...  
-----END RSA PRIVATE KEY-----  
-----BEGIN CERTIFICATE-----  
MIIIFVzCCBD+gAwIBAgIQKUrut5jTsmmGB+TzzuFZIJANBgkqhkiG9w0BAQsFADCB  
kDELMAkGA1UEBhMCR0IxGzAZBgNVBAgTEkdyZWZ0ZXIgdTWFuY2hlc3RlcjEOM4G  
A1UEBxMHU2FsZm9yZDEaMBGGA1UEChMRQ09NT0RPIENBIExpbW10ZWQxNjA0BgNV  
BAMTLUNPTU9ETyBSU0EgRG9tYWluIFZhbG1kYXRpb24gU2VjdXJlIFNlcnZlcjE0  
QTAEfw0xNzA1MjMwMDAwMDBaFw0xODA1MjMyMzU5NTlaMFUxITAFBgNVBAsTGERv  
blah blah blah...  
-----END CERTIFICATE-----
```

Step 3

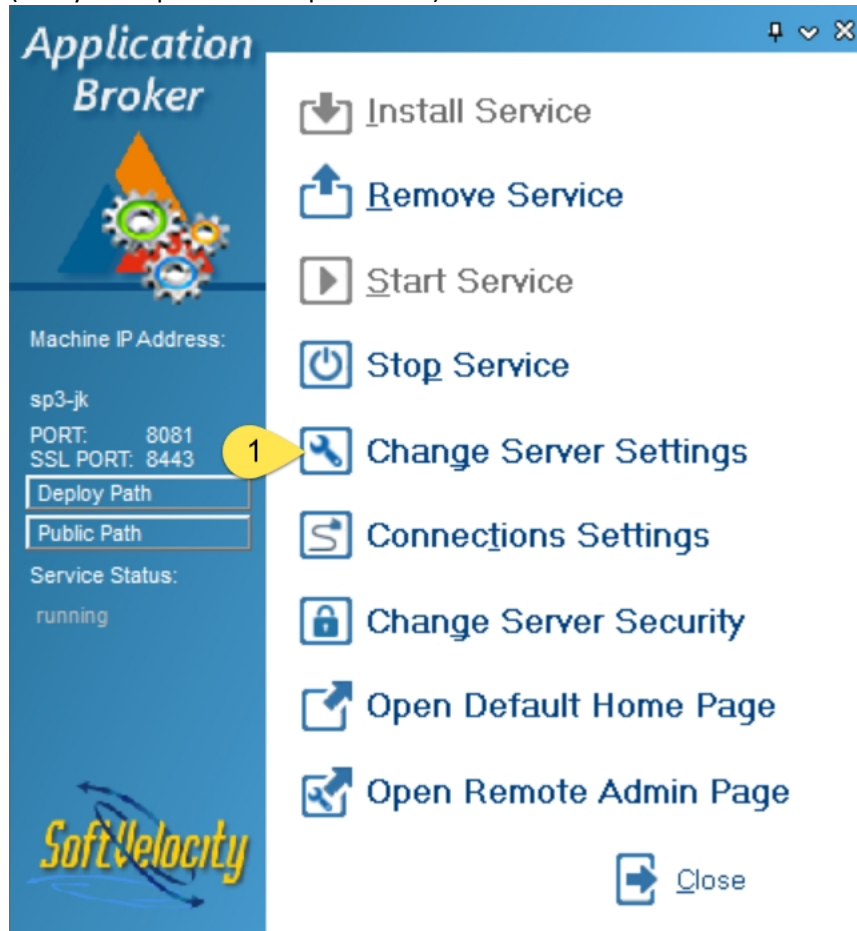
Copy the yourdomain.pem file into the C:\AppBroker folder.

Step 4

Start the AppBroker Service Manager (C:\AppBroker\AppBrokerServiceMgr.exe).

(a) Set the Https PORT.

(In my example I use SSL port 8443.)



(b) Set the SSL Certificate PEM File.

(In my example I use C:\AppBroker\yourdomain.pem.)

Application Broker

Machine IP Address:
sp3-jk
PORT: 8081
SSL PORT: 8443
Deploy Path
Public Path
Service Status:
running

- Install Service
- Remove Service
- Start Service
- Stop Service
- Change Server Settings
- Connections Settings
- Change Server Security**
- Open Default Home Page
- Open Remote Admin Page

Close

Application Broker

Machine IP Address:
sp3-jk
PORT: 8081
SSL PORT: 8443
Deploy Path
Public Path
Service Status:
running

Security Settings

Remote Server Username:
CWIC

Remote Server Password:

SSL Certificate PEM File:
ppBroker\yourdomain.pem

Accept Cancel

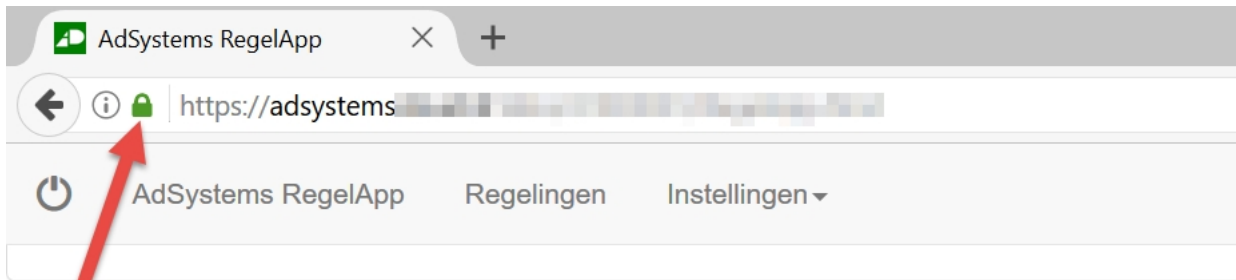
Step 5

To connect to your H5 App over https, use the following syntax:

https://yourdomain.ext:sslport/exec/YourAppFolder/YourApp.wap.0

for example:

https://h5cloud.com:8443/exec/MyH5App/MyH5App.wap.0



A nice green lock symbol! Mission completed!