

Question

[Louis Burger](#) · Apr 13

Verifying signature against x509 cert

Hi everyone,

We are trying to verify a signature against a certificate without success.

Apologies in advanced if my post lack info.

I've added the cert under the X509 credentials under the management portal (alias Cert).

The code snippet that we are using to verify the cert:

```
set tX509 = ##class(%SYS.X509Credentials).GetByAlias("Cert")
```

```
set tData = "hello"
```

```
set tSignature =  
"CUBMPIVbEKbjFg0nUNz3pwuSwq7tJPg4obsj6LpwbMsEQaDNNw/93V9X0BdgBVzoWN1K7XrG1WX1focFj+Elke  
XOJJF7KjQv4p9Xc8JT0wWZ9ivw0+pYvBtMSzP9JEVzapt2Cr+QoBT47yEMeCAxt7Ka7q7xLpxxpAvDQ+QE3Mg="
```

```
set isValid = $SYSTEM.Encryption.RSASHAVerify(256, tData, tSignature, tX509.Certificate)
```

```
w "isValid: " _ isValid
```

Based on the above code i keep getting isValid = 0 indicating that the certificate verification failed.

Am I missing something?

Thank you in advanced.

[#Ensemble](#)

Product version: Ensemble 2018.1

Source URL: <https://community.intersystems.com/post/verifying-signature-against-x509-cert>