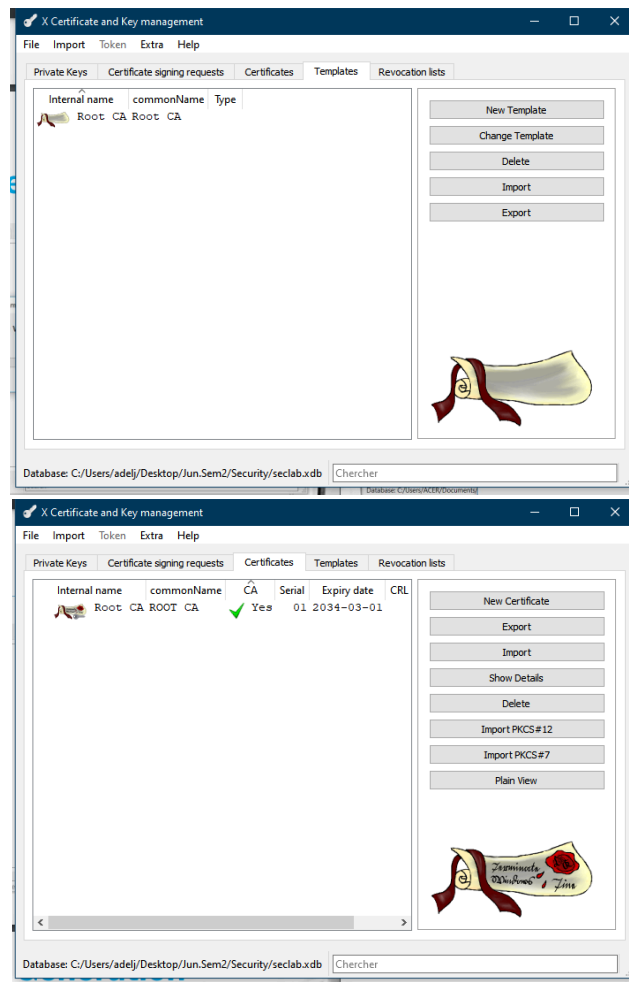
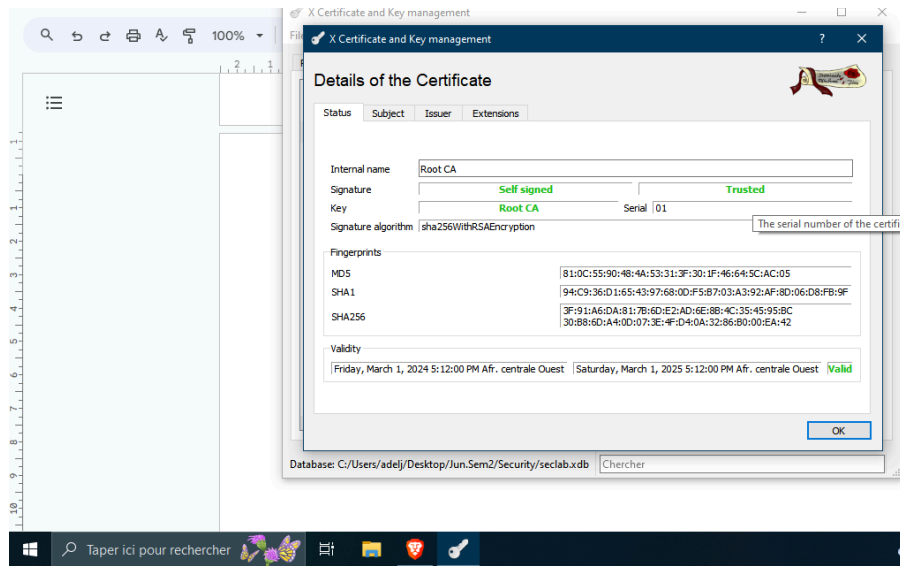


# Management of the digital certificates

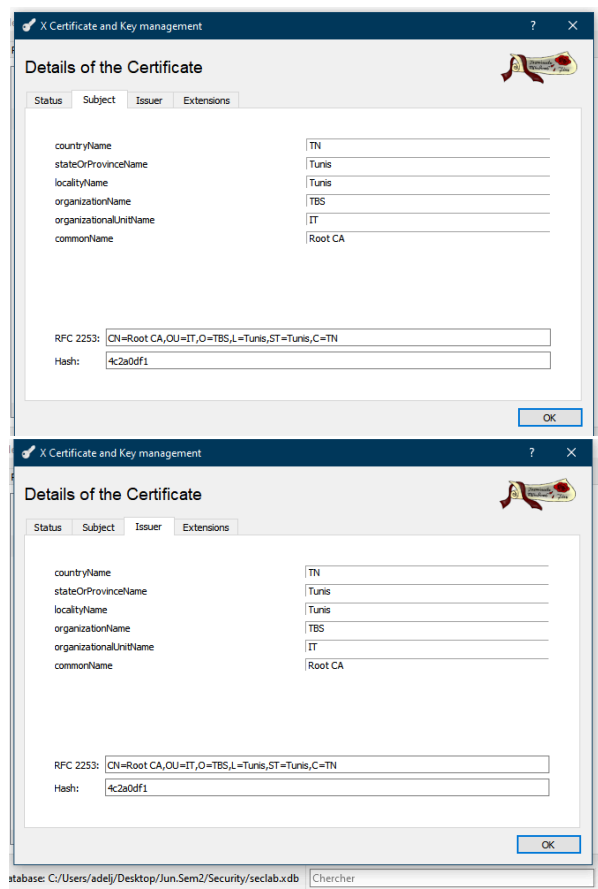
## Lab3

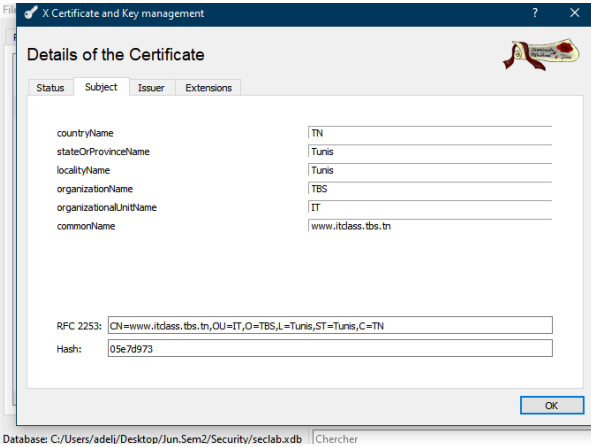
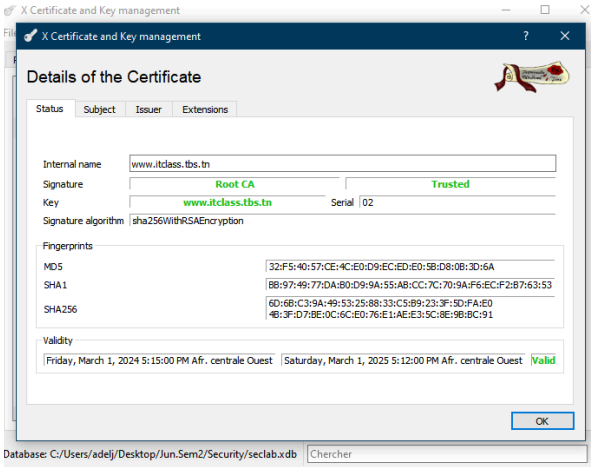
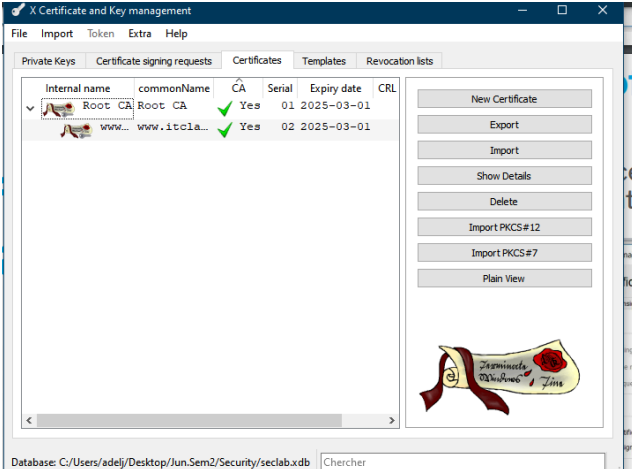
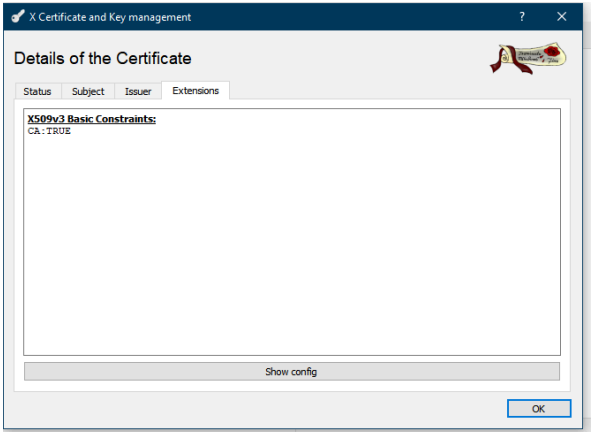
- Generate a new certification authority under the rootCA





□ Generate a new personnel certificate under the new certification authority





X Certificate and Key management

Details of the Certificate

StatusSubjectIssuerExtensions

countryNameTN

stateOrProvinceNameTunis

localityNameTunis

organizationNameTBS

organizationalUnitNameIT

commonNameRoot CA

RFC 2253:CN=Root CA,OU=IT,O=TBS,L=Tunis,ST=Tunis,C=TN

Hash:4c2a0df1

OK

Database: C:/Users/adejl/Desktop/Jun.Sem2/Security/seclab.xdbChercher

X Certificate and Key management

Details of the Certificate

StatusSubjectIssuerExtensions

X509v3 Basic Constraints:  
CA:TRUE

X509v3 Subject Alternative Name:  
DNS:www.itclass.tbs.tn, DNS:ssl.dns.tn, IP Address:10.1.2.3

Show config

OK

Database: C:/Users/adejl/Desktop/Jun.Sem2/Security/seclab.xdbChercher

X Certificate and Key management

FileImportTokenExtraHelp

Private KeysCertificate signing requestsCertificatesTemplatesRevocation lists

Internal name	commonName	CA	Serial	Expiry date	CRL
Root CA	Root CA	Yes	01	2025-03-01	
Jun...	Junior St...	Yes	03	2025-03-01	
www...	www.itcla...	Yes	02	2025-03-01	

New Certificate

Export

Import

Show Details

Delete

Import PKCS #12

Import PKCS #7

Plain View

Database: C:/Users/adejl/Desktop/Jun.Sem2/Security/seclab.xdbChercher

X Certificate and Key management

Details of the Certificate

StatusSubjectIssuer

Internal nameJunior Student

SignatureRoot CATrusted

KeyJunior StudentSerial03

Signature algorithmsha256WithRSAEncryption

Fingerprints

MD5DD:22:37:C2:59:1E:7A:5E:93:43:5D:52:3F:79:A6:81

SHA1EA:FE:4C:A6:E9:E2:69:74:1B:8D:08:53:32:06:56:47:0E:6E:EB:A4

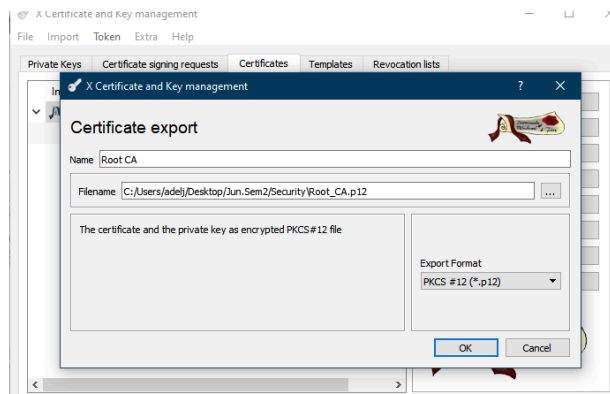
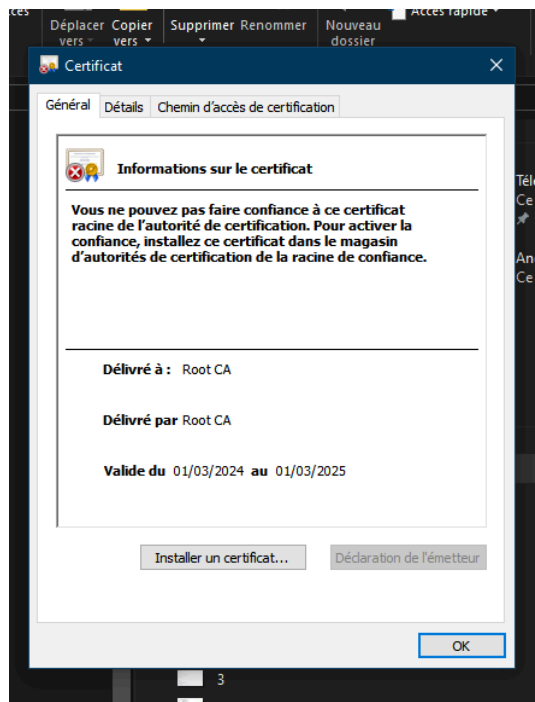
SHA2569A:B2:72:23:A6:78:12:A9:28:96:96:89:43:F3:C0:99  
B9:BC:5C:A0:CB:B2:16:35:96:3A:92:02:7D:C6:EC:40

Validity

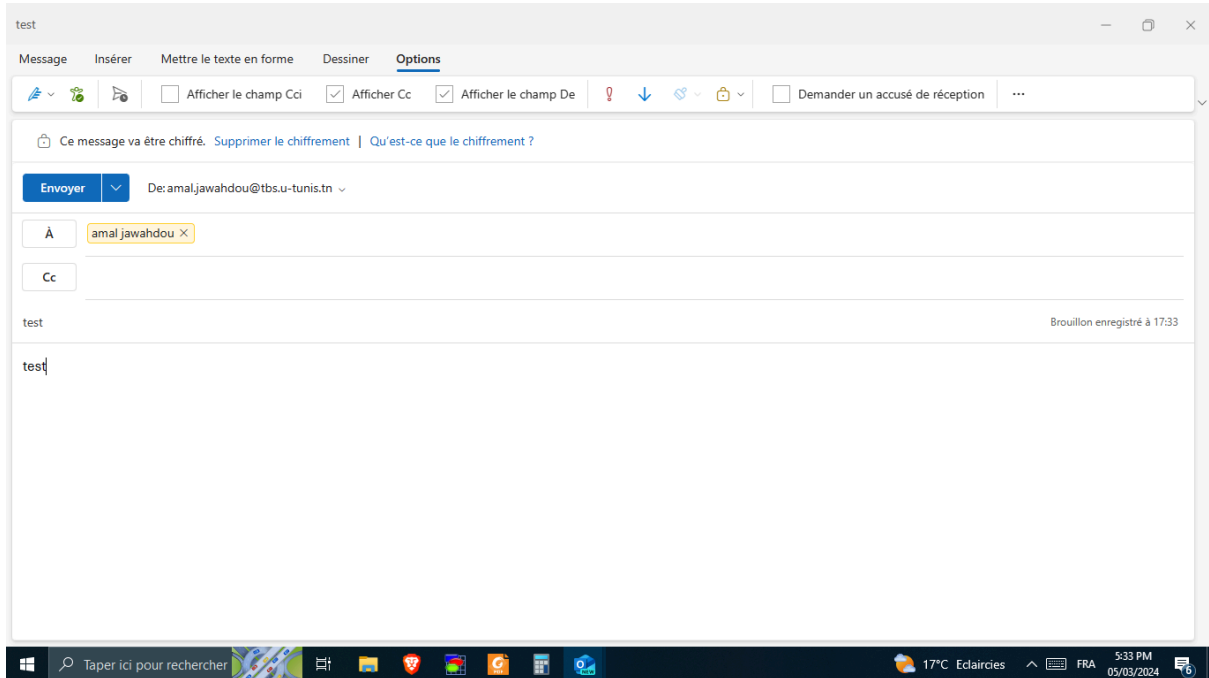
Friday, March 1, 2024 5:24:00 PM A6: centrale OuestSaturday, March 1, 2025 5:12:00 PM A6: centrale OuestValid

OK

Database: C:/Users/adejl/Desktop/Jun.Sem2/Security/seclab.xdbChercher



# Send a ciphered message with the personnel certificate



amal.jawahdou <amal.jawahdou@tbs.u-tunis.tn>

À : Vous



Mar 05/03/2024 15:21

amal.jawahdou (amal.jawahdou@tbs.u-tunis.tn) has sent you a protected message.



[Read the message](#)

[Learn about messages protected by Microsoft Purview Message Encryption.](#)

[Privacy Statement](#)

[Learn More](#) on email encryption.

Microsoft Corporation, One Microsoft Way, Redmond, WA 98052