1. Generate JKS files

> In this case I use self-signed certificates, these certificates are valid for a laboratory environment.

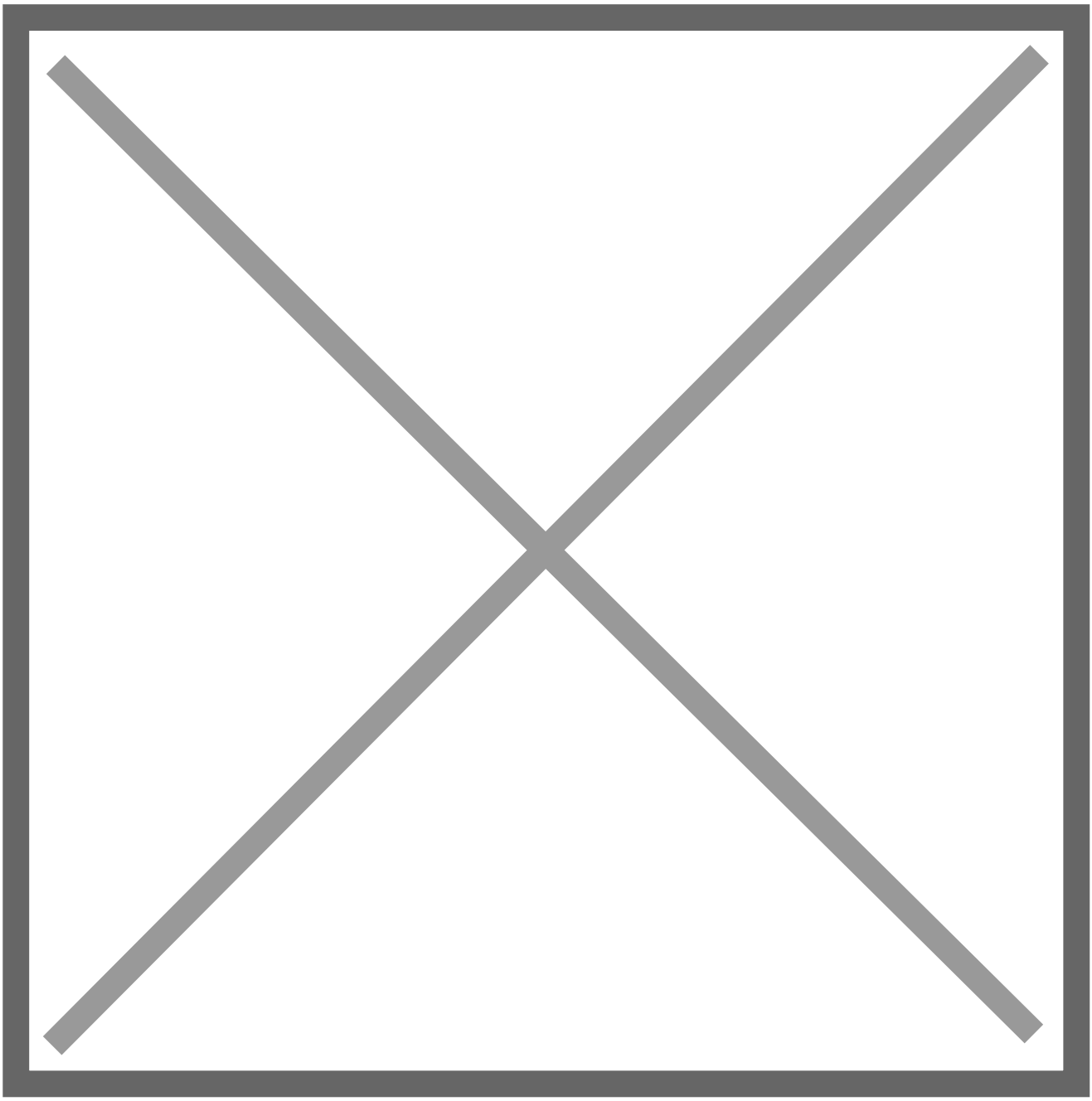
1.1. Generate Store JKS

a. Generate a key

```
sudo openssl genrsa -aes256 -out soffid.pam.store.key
```

b. Generate the .pem file

```
sudo openssl req -x509 -days 1000 -new -key soffid.pam.store.key -out soffid.pam.store.pem
```



To bear in mind the CN (Common Name) when creating the certificate

c. Generate the .pfx file

```
sudo openssl pkcs12 -export -in soffid.pam.store.pem -inkey soffid.pam.store.key -out soffid.pam.store.pfx
```

d. Generate the .jks file

```
sudo keytool -v -importkeystore -srckeystore soffid.pam.store.pfx -srcstoretype PKCS12 \
  -destkeystore soffid.pam.store.jks \
  -deststoretype JKS \
```

```
-destkeypass 123456 -srcstorepass 123456 -deststorepass 123456
```

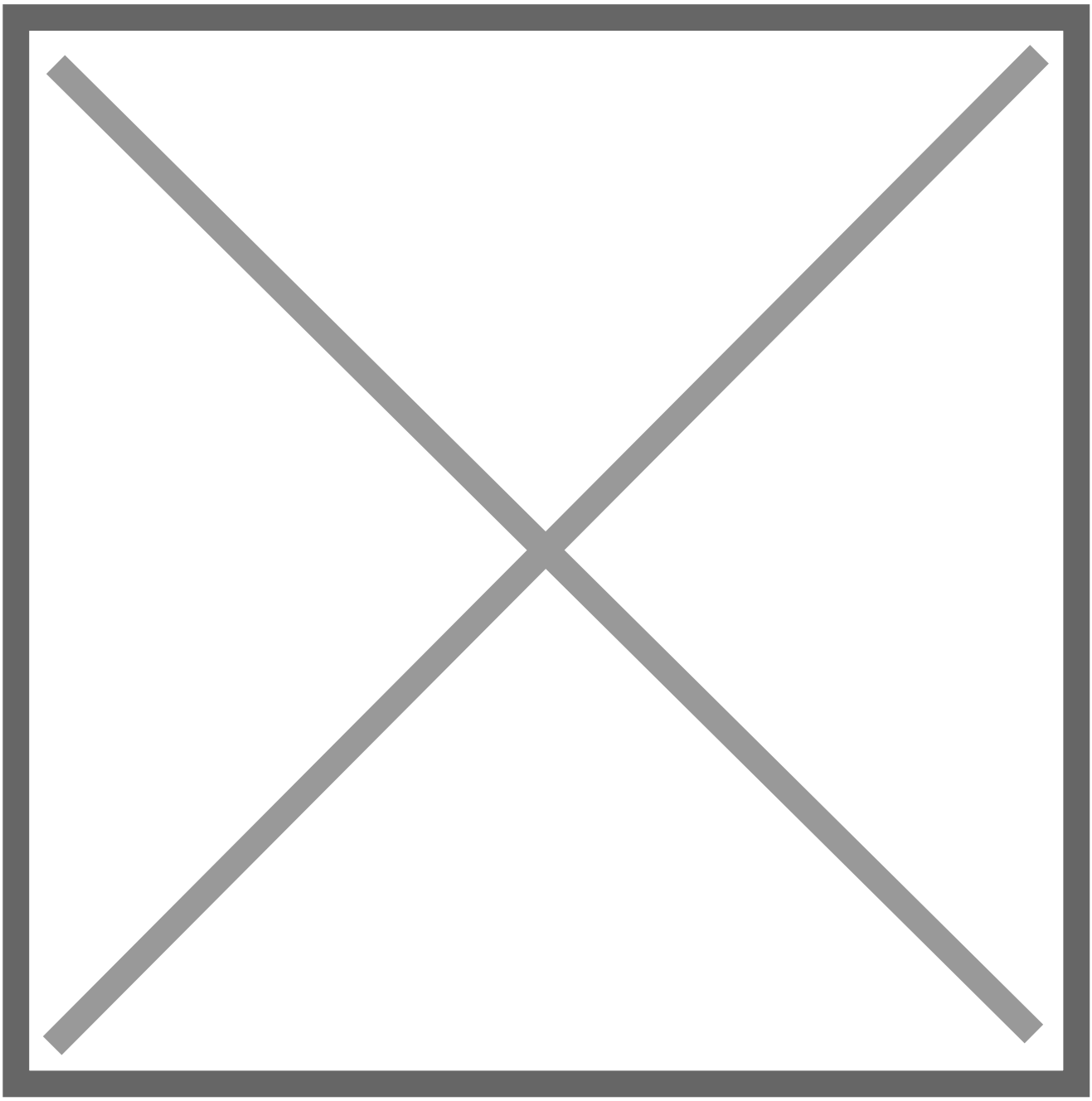
1.2. Generate Launcher JKS

a. Generate a key

```
sudo openssl genrsa -aes256 -out soffid.pam.launcher.key
```

b. Generate the .pem file

```
sudo openssl req -x509 -days 1000 -new -key soffid.pam.launcher.key -out soffid.pam.launcher.pem
```



> To bear in mind the CN (Common Name) when creating the certificate

c. Generate the .pfx file

```
sudo openssl pkcs12 -export -in soffid.pam.launcher.pem -inkey soffid.pam.launcher.key -out soffid.pam.launcher.pfx
```

d. Generate the .jks file

```
sudo keytool -v -importkeystore -srckeystore soffid.pam.launcher.pfx -srcstoretype PKCS12 \
  -destkeystore soffid.pam.launcher.jks \
  -deststoretype JKS \
  -destkeypass 123456 -srcstorepass 123456 -deststorepass 123456
```

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