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# Integrated Capture Points Guide

[Generate a Client Certificate \(Java\)](#)

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# Generate a Client Certificate (Java)

The following procedure provides an example of generating a client certificate using keytool.

## Deploy a client certificate for a Java client

### Start

1. Generate a Java client key:

```
keytool -genkey -alias javawscpclient -keyalg RSA -keystore  
keystore.jks -keysize 2048
```

This command generates a client key and places it in the local keystore.

2. Export the generated certificate from the keystore:

```
keytool -export -alias javawscpclient -keystore keystore.jks -file  
javawscpclient.cer
```

3. Convert the exported certificate to .PEM format:

```
openssl x509 -inform der -in javawscpclient.cer -out  
javawscpclient.pem
```

4. Copy the Java client certificate: Append the contents of `javawscpclient.pem` to the contents of `wscp_clients.pem` on the server host.

### End