

## **To Generate a Certificate Signing Request (CSR) perform the following steps:**

### **Step 1: Generate a Keystore and Private Key**

1. Create a certificate keystore and private key by executing the following keytool command:

**Note:** The keytool utility is located in your JDK's "\bin" directory

```
C:\bea\jdk\bin\keytool -genkey -alias <your_alias_name> -keyalg RSA -keystore  
<your_keystore_filename> -keysize 2048
```

2. Specify a password. The default value will be "changeit".

### **Step 2: Generate a CSR**

1. The CSR is then created using the following command:

```
C:\bea\jdk\bin\keytool -certreq -keyalg RSA -alias <your_alias_name> -file certreq.csr -keystore  
<your_keystore_filename>
```

**Note:** When generating a CSR, enter the domain of your website (i.e., www.mysite.com) in the "first- and last name" field.

2. To copy and paste the file certreq.csr into the enrollment form, open the file in a text editor that does not add extra characters (Notepad is recommended).

#### **Send this certificate request file to Certifying Authority (CA) to issue certificate**

- a) This step will create certificate signing request file.
- b) -certreq signifies that we are generating certificate signing request file.
- c) -alias myAlias must be same as one used during key generation in previous step