



Generating a Certificate Signing Request (CSR) using Java Based Web Servers

Use the keytool command to create the key file:

```
keytool -genkey -keyalg RSA -keystore domain.key -validity 360
```

If you want to use an alias for the site certificate include -alias yyy (where yyy is the alias name)

(NOTE validity may vary)

The following questions will be asked if not known:

- Enter keystore password: (NOTE remember this for later use)*
- What is your first and last name? - This is the Common Name (Domain Name)*
- What is the name of your organizational unit?*
- What is the name of your organization?*
- What is the name of your City or Locality?*
- What is the name of your State or Province?*
- What is the two-letter country code for this unit?*

You will then be asked if the information is correct:

Is CN=www.yourdomain.com, OU=Your Organizational Unit, O=Your Organization, L=Your City, ST=Your State, C=Your Country correct?

When you answer 'y' or 'yes' the password is then requested:

Enter key password for <mykey>

NOTE: Make a note of this password. <mykey> is the default alias for the certificate

Use the keytool command to create the CSR file:

```
keytool -certreq -keyalg RSA -file domain.csr -keystore domain.key
```

You will be prompted to enter the password.

Enter keystore password:

If the password is correct then the CSR is created.

If the password is incorrect then a password error is displayed.

You will need the text from this CSR when requesting a certificate