How do I setup the public and private keys from a Grid certificate

Start by following the instructions at http://www.doegrids.org/pages/cert-request.html, part of which is included below.

After exporting the certificate from your browser, use these commands to get the public and private keys.

- To get the encrypted public key :

```
openssl pkcs12 -in YourCert.p12 -clcerts -nokeys -out $HOME/.globus/usercert.pem
```

- To get the encrypted private key :

```
openssl pkcs12 -in YourCert.p12 -nocerts -out $HOME/.globus/userkey.pem
```

- Set correct permissions on the private key.

```
chmod go-rw $HOME/.globus/userkey.pem
```