

LCG Production Services - LCG Grid Deployment

How to request a new host certificate

See the following wiki page.

How to check the certificate in "clear" text

```
openssl x509 -text -in hostcert.pem
```

How to know the get subject and end of validity of a certificate

```
openssl x509 -subject -in hostcert.pem  
openssl x509 -enddate -in hostcert.pem
```

Other fields value are also available (check it with `openssl x509 -help`).

How to check that the a certificate matches with his associated private key

```
openssl pkcs12 -export -in hostcert.pem -inkey hostkey.pem -out /dev/null
```

If it does not match, the error message "No certificate matches private key" is displayed.

How to check if the host certificate is valid for use as SSL server

```
openssl verify -CApath /etc/grid-security/certificates/ -purpose sslserver hostcert.pem
```

Check the man page: `openssl verify -help`

-- YvanCalas - 23 Feb 2007

This topic: LCG > HostAndUserCert

Topic revision: r1 - 2007-02-23 - YvanCalas



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback