

Certificates Management

Certificates Location

All the certificates (in server and worker nodes) are located inside the directory:
`/etc/grid-security`

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Certificates creation:

Inside the directory `/afs/cern.ch/project/etics/internal/private/HostCertificates` execute the file `genhostcert.sh`. Please see the `genhostcert.example`. Copy the new certificates to the directory `/etc/grid-security` in the server and reboot.

sh genhostcert.sh hostname email niceUser [nicePassword certificatePassword]

- Example: `sh genhostcert.sh etics.cern.ch Etics.Administrator@cern.ch eticsadm *****`

Check a certificate:

How to extract information from a certificate?

openssl x509 -in certificateName -noout -text

How to test a certificate?

openssl s_server -cert certificateName -www -key certificateKey

If the server launches without complaint, then chances are good that the certificate is ready for production use.

You can also point your web browser at the test server, e.g., `*https://yourserver:4433/*`

The server will listen on port 4433; you can alter that using the `-accept` option.