



EGEE Grid Hands On Training for MI-SASA Researchers  
Mathematical Institute of Serbian Academy of Sciences and Arts

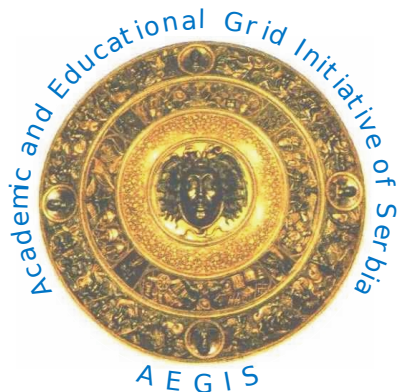
# User account setup

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[www.eu-egee.org](http://www.eu-egee.org)



- Access point to Grid
- User must have account on UI node
- Grid operations:
  - Submit jobs
  - List resources for job
  - Cancel jobs
  - Show job status
  - Retrieve job output

- Grid passport
- X.509
- Certification Authority (CA) – AEGIS CA
- Virtual Organization (VO)
- Subject Name (SN)

/C=RS/O=AEGIS/OU=Institute of Physics Belgrade/CN=Nikola Grkic

- .globus
- Certificate request

```
grid-cert-request
```

```
usercert.pem
```

```
usercert_request.pem
```

```
userkey.pem
```

- Right permissions:
  - 444 usercert.pem
  - 400 userkey.pem
- VO membership request

- Keep your private key secure
- Do not loan your certificate to anyone
- Report to your CA if your certificate has been compromised.
- Private key and certificate can:
  - Stored in your browser and mail
  - Stored in files using different file format (PEM, P12, ...)
- Importing certificate in to mail client and web browser
  - Make p12 format:

```
openssl pkcs12 -export -inkey userkey.pem -in usercert.pem \  
-out my_cert.p12 -name "My certificate"
```

- Standard proxies

```
grid-proxy-init
```

```
grid-proxy-info
```

```
grid-proxy-destroy
```

- VOMS proxies

```
voms-proxy-init -voms <vo>
```

```
voms-proxy-info
```

```
voms-proxy-destroy
```

- MyProxy is used to automate proxy renewal

```
myproxy-init -s <myproxy_server> -d -n
```

```
myproxy-info -s <myproxy_server> -d
```

```
myproxy-destroy -s <myproxy_server> -d
```