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Enabling Grids for
E-science in Europe

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Grid proxy and MyProxy

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Grid-proxy-init

To create a proxy certificate, issue the command:

```
>> grid-proxy-init  
Your identity: /C=IT/O=GILDA/OU=Personal  
Certificate/L=INFN Catania/CN=Giuseppe La  
Rocca/Email=giuseppe.larocca@ct.infn.it  
Enter GRID pass phrase for this identity:  
Creating proxy ..... Done  
Your proxy is valid until: Thu May 27 04:11:19 2004
```

Grid-proxy-info

To print information about a proxy certificate, issue the command:

```
>> grid-proxy-info
subject : /C=IT/O=GILDA/OU=Personal Certificate/L=INFN
        Catania/CN=Giuseppe La
        Rocca/Email=giuseppe.larocca@ct.infn.it/CN=proxy
issuer  : /C=IT/O=GILDA/OU=Personal Certificate/L=INFN
        Catania/CN=Giuseppe La Rocca/Email=giuseppe.larocca@ct.infn.it
type    : full
strength : 512 bits
path    : /tmp/x509up_u512
timeleft : 11:59:54
```

Grid-proxy-destroy

To destroy a proxy certificate, issue the command:

```
>> grid-proxy-destroy
```

Myproxy-init

To create and store a long-term proxy certificate, the user must do:

```
>> myproxy-init -s grid001.ct.infn.it
```

```
Your identity: /C=IT/O=GILDA/OU=Personal Certificate/L=INFN  
Catania/CN=Giuseppe La Rocca/Email=giuseppe.larocca@ct.infn.it  
Enter GRID pass phrase for this identity:  
Creating proxy ..... Done  
Proxy Verify OK  
Your proxy is valid until: Wed Jun 2 17:00:46 2004  
Enter MyProxy pass phrase:  
Verifying password - Enter MyProxy pass phrase:  
A proxy valid for 168 hours (7.0 days) for user larocca now exists on  
grid001.ct.infn.it.
```

Myproxy-init

If your certificate is going to expire, you can create a new long-term-proxy with a lifetime in hours less than the certificate's remaining one, by using the command

```
>>myproxy-init -s <server> -c <hours>
```

Where **-c** is the option to set the lifetime of delegated proxy on server.

Myproxy-get-delegation

To get a long-term proxy, issue the command:

```
>> myproxy-get-delegation -s grid001.ct.infn.it
```

Enter MyProxy pass phrase:

A proxy has been received for user larocca in /tmp/x509up_u512

Myproxy-info

To retrieve information about a long-term proxy, issue the command:

```
>> myproxy-info
```

```
username: larocca
```

```
owner: /C=IT/O=GILDA/OU=Personal Certificate/L=INFN  
Catania/CN=Giuseppe La  
Rocca/Email=giuseppe.larocca@ct.infn.it
```

```
timeleft: 167:39:46 (7.0 days)
```

Myproxy-destroy

To destroying a long-term proxy, issue the command:

```
> > myproxy-destroy --s grid001.ct.infn.it
```