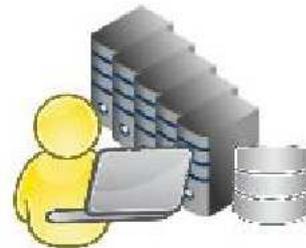


User Interface machine



Outline

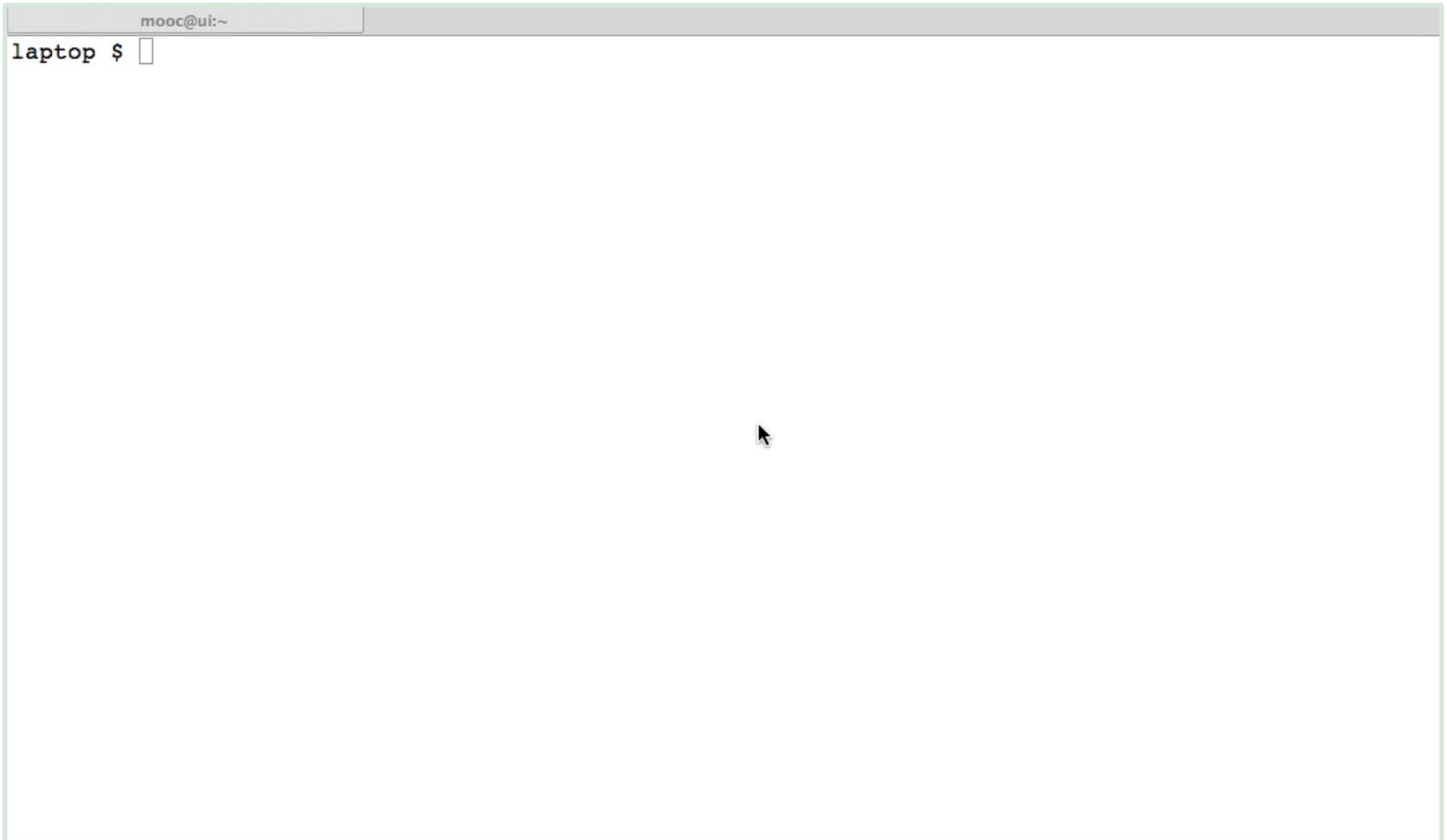
- ❑ **What is UI**
 - Basic operations
- ❑ **Install certificate on UI**
 - \$HOME/.globus directory
 - Inspect certificate
 - Setting priviledges



User Interface Machine is...

- ❑ **UI is a linux machine**
 - Similar to the Worker Nodes
 - Equipped with all the necessary tools for interaction with Grid
- ❑ **Basic operations:**
 - create a VOMS proxy
 - access Grid resources
 - list all the resources suitable to execute a given job
 - submit jobs for execution
 - cancel jobs
 - query the status of jobs and retrieve their output
 - copy, replicate and delete files from the Grid
 - manage file transfer jobs

Install certificate to UI



Permissions

- ❑ **Protect your keys:**
 - `chmod 644 usercert.pem`
 - `chmod 400 userkey.pem`

- ❑ **Check the certificate contents:**
 - `openssl x509 -text -noout -in usercert.pem`

Browser export and p12 to pem conversion (split)

- ❑ `openssl pkcs12 -nocerts -in mycert.p12 -out userkey.pem`
- ❑ `openssl pkcs12 -clcerts -nokeys -in mycert.p12 -out usercert.pem`