

Grid Identity Management

- Identity providers – certification authorities
- Digital certificates asserting identity of their owners
- Complex procedure for getting certificates

t-Infrastructure

- Environment for training Grid users
- Capable of handling a lot of users
- Secure, minimizing the risk of misuse
- Users are traceable
- **Flexible identity management necessary**

***t*-CA Requirements**

- Easy and controlled procedure for issuing certificates
- Traceable certificates
- Minimised risk of misuse of the certificates

t-CA Solution

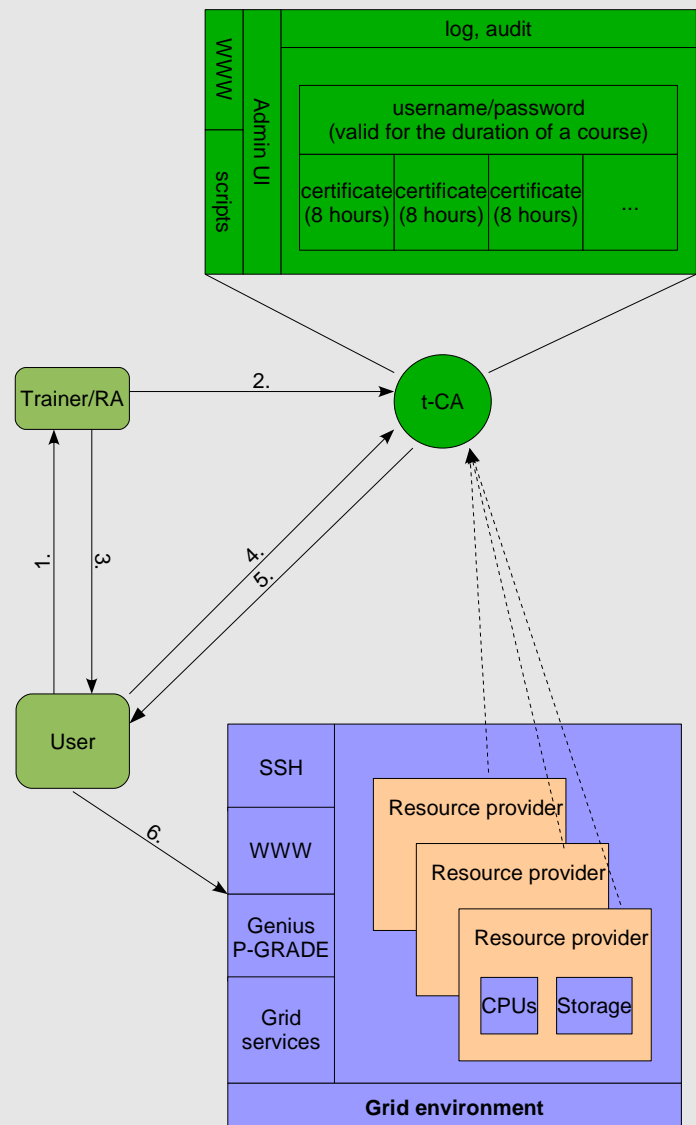
- Online CA Issuing certificates on the fly
- Users use password to generate certificates
- Short lived certificates valid for 8 hours
- All operations stored, users can be traced down

Using the t -CA

1. User registers with the Trainer/RA
2. The Trainer/RA creates a new record on the *t*-CA
 - username and password returned as the result
3. The Trainer/RA passes the username/password to the users
- 4.-5. The Users retrieves a certificate from the *t*-CA
 - the provided username password is used to authenticate
 - This operation has to be done every day
6. Users can access the Grid
 - User can access resources in the production Grid

Accreditation

- Formal policy written and available
- Follows as much as possible the minimal requirements specified by the accreditation bodies
- Some requirements cannot be achieved by design (proper user identification)



Conclusion

- A controlled way of issuing training certificates
- A solution to help to fill in the gap in supporting training courses, does not aim at replacing current Grid CAs
- Both technical technical solution and formal policy available