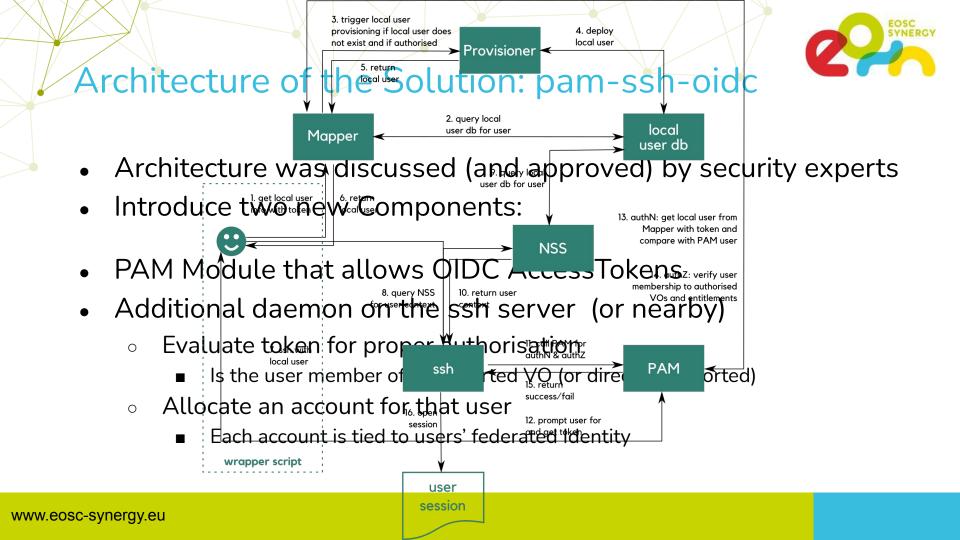


Access to HPC: SSH with OIDC

- Enable login to HPC (and VMs) with existing AAI
 - EGI Check-in, EUDAT B2Access, Geant: eduTEAMS, HPB, ... 0
- Don't modify ssh or sshd
- Straightforward authorisation model
 - Allow only members of supported Virtual Organisations 0
 - Allow authorised individual users
 - VOs are mapped to Unix Groups
- Traditional trust model
 - Grid: Cluster trusts VO-Server to authorise users 0
- Both are equivalent! HPC: trusts PI to approve members of computing-project Ο



Status



- PAM-Module: **pam-ssh-oidc**
- Mapping Daemon motley-cue
- Client:
 - o oidc-agent + mc_ssh
 - o oidc-agent + (extended)

Packages (Beta test starting end May)

.... debian, ubuntu, centos8, centos7
.... debian, ubuntu, centos8

. Mac, debian, ubuntu, centos8, centos7 **putty** Windows (by end 2021)

• Documentation:

https://github.com/EOSC-synergy/pam-ssh-oidc

Packages <u>https://repo.data.kit.edu</u>
 wwwGantjacticesh-oidc@lists.kit.edu

Roadmap

- EOSC-Synergy Betatatest of deb+rpm packages => May 21
- Pooled accounts (grid-style)
- Final deb + rpm packages (client/server) for
- Tool for removing stale accounts (deprovisioning) => End 2021

=> June 21

=> July 21

- Windows support (patched putty, oidc-agent) => End 2021
- Mytoken support (non-expiring tokens)