



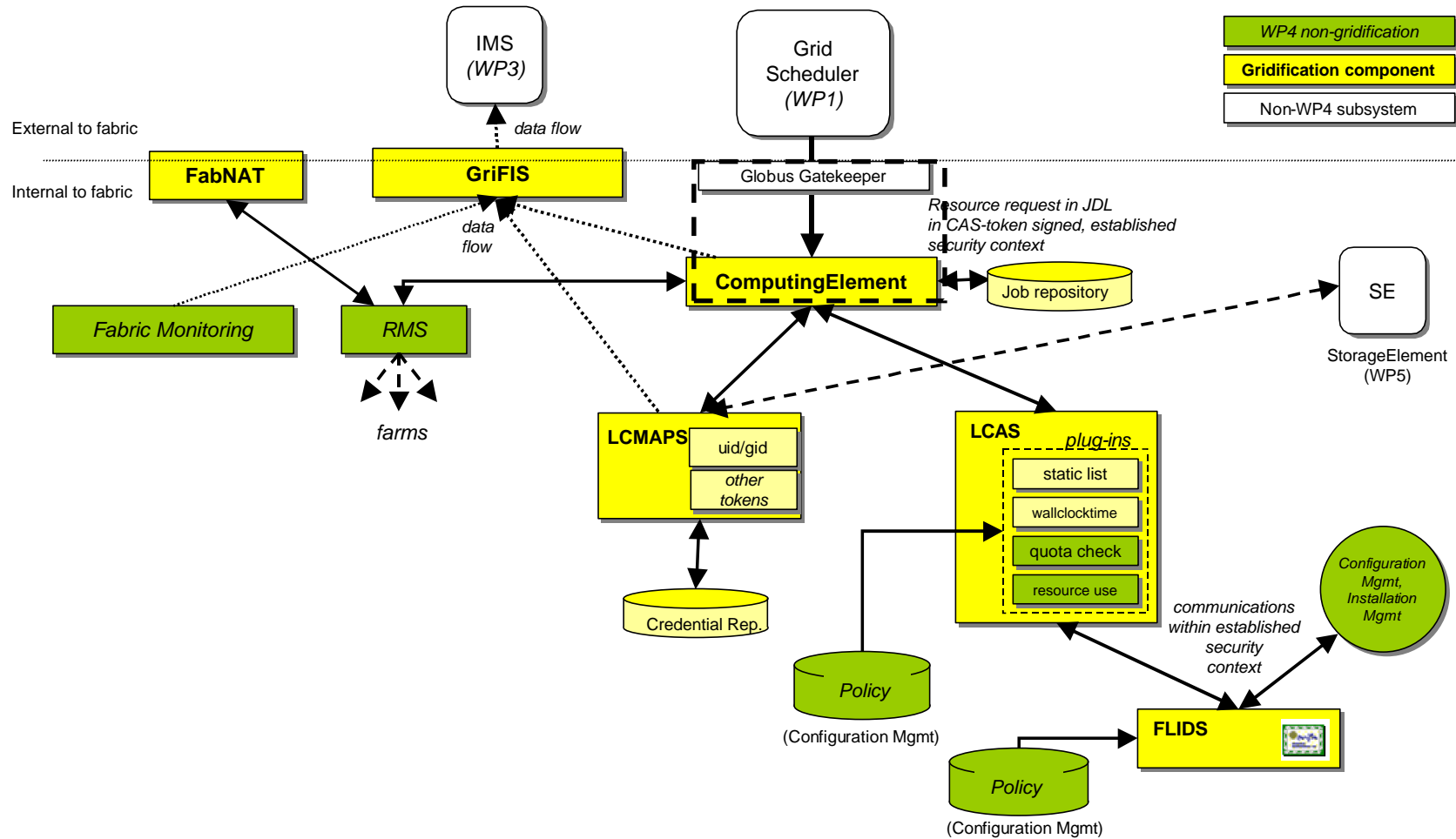
WP4 Security Update

For WP4: David Groep

hep-proj-grid-fabric-gridify@cern.ch



A Job lifecycle within the Fabric





Some WP4 security components

- ✧ Plug-able system for authorization (LCAS)
 - ✧ plug-in (PAM-like) framework
 - ✧ Use as an engine for policy-driven authorization

- ✧ LCMAPS local credentials
 - ✧ Credential generation plug-in framework
 - ✧ Logical place to add role support

- ✧ Additional modifications to gatekeeper required
 - ✧ error&status handling
 - ✧ Getting a useful message to the user



More components

✧ Configuration database

- ✧ The CDB should keep all relevant configuration/policies
- ✧ Can publish to information services (and integrate with WP3 tools)
- ✧ High-level description language to be defined in June workshop

✧ Local I D service

- ✧ To eliminate confusion: primary role is *inside* fabric
- ✧ Secure install services, etc.



Status and plans

✍ Progress on LCAS

- ✍ Added hook in gatekeeper ? `edg_gatekeeper`
- ✍ Early prototype in Release 1.2: shipped as shared object with three components (allow, ban, timeslot)
- ✍ Dynamic plugin framework now being unit tested within WP4/gridification
- ✍ To be released in 1.3
- ✍ More plug-in components can be developed independently (is simple)

✍ LCMAPS

- ✍ Release planning changed to provide it earlier (1.4)
- ✍ Keep all the useful functionality from Andrew
- ✍ Extend with role support (interaction with client side TBD)