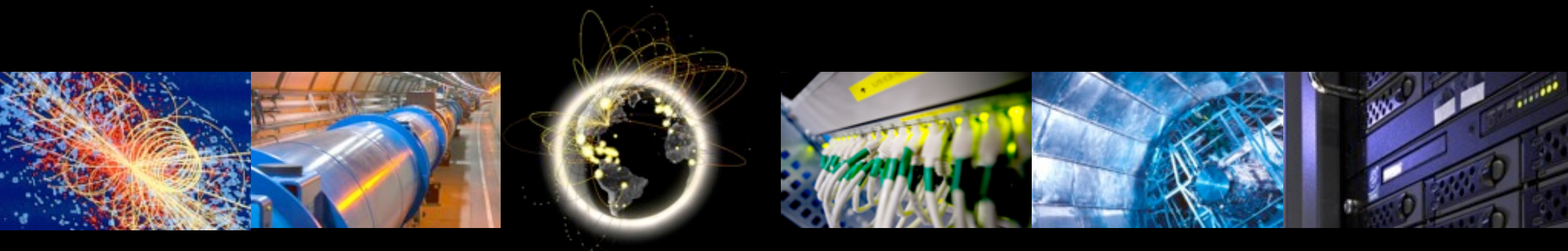


Security Working groups update

WLCG Grid Deployment Board, 14th November 2012, R. Wartel





Traceability WG

- Main objectives
 - Software: ensure there is enough traceability on the SE and that our services use standard logging mechanisms (syslog)
 - Operations: Recommendations aimed at the sites should be produced to help fulfilling the logging and traceability policy on the WN (whether or not virtualization is used) and UI
- Current status:
 - Started with the discussion on software
 - Questionnaire being prepared for the different software areas
 - Not very active - more participants welcome!
 - Discussion on operations not started yet
 - Probably easier to make progress here
 - Next meeting initially planned for this week, but very few people available to attend :-)



Identity Federation Pilot

- Goal: propose a non-browser based pilot: a service enabling access to WLCG resources using home-issued federated credentials.
 - Follow up on <https://cdsweb.cern.ch/record/1442597>
 - Technical + policy work to be done
- Proposed plan
 - Proof of concept
 - Architecture design and integration in WLCG
 - Pilot service
- Interested experts, sites, VOs and federations welcome!



Identity Federation Pilot

- Main points agreed so far:
 - **Goal of the pilot:** a CLI login tool (typically a "voms-proxy-init" or "grid-proxy-init" replacement), able to authenticate users based on their home credentials, create X509 credentials and proxy, and offer to optionally add voms extension
 - As soon as the proof-of-concept options are a bit clearer, we should start investigating **levels of assurance**, **trust** and **possible IGTF accreditation**
 - **CILogon** and **EMI STS** (at least) seem to provide valid options to fulfill the described objectives
- Technical discussion "CILogon/EMI STS" yesterday
 - Should we choose one over the other?
 - Would it be conceivable to have a single, unified pilot relying on *both* CILogon and STS? (Implications and costs?)



Identity Federation Pilot

- Both support SAML ECP (...but very few IdP do...)
- Otherwise very **different**, need two clients (and a wrapper?)
- Making CILogon and EMI STS compatible?
 - Either CILogon would need to support **WS-Trust**
 - Or EMI STS would need to support **posting** the certificate request **to the CILogon REST endpoint** and support the returned response
 - Both CILogon and EMI STS experts will investigate costs
- Workplan for the next 2 months
 - Setup a pilot EMI STS (at CERN)
 - Review and test the CLI for EMI STS CILogon
 - Conduct a survey to see how many IdP support SAML ECP in EU
 - Review attributes that need to be pulled from the IdPs
 - Start discussions on accreditation and possible operational requirements on the IdPs