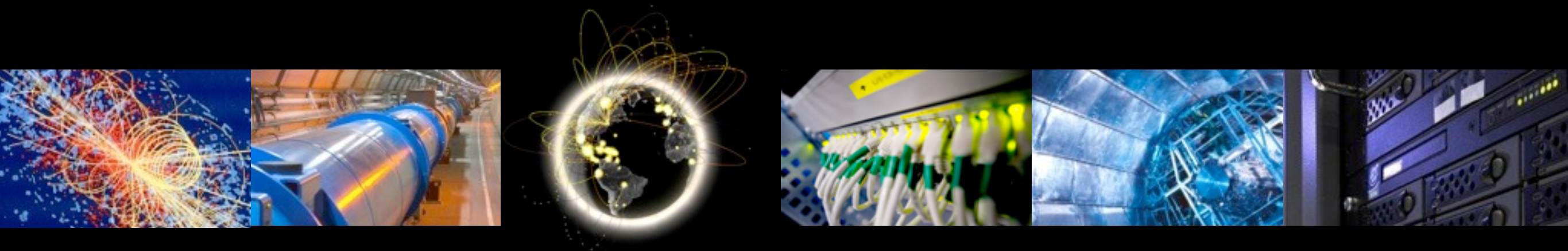


Identity Federation: A pilot for WLCG

WLCG Management Board, 5th June 2012, R. Wartel



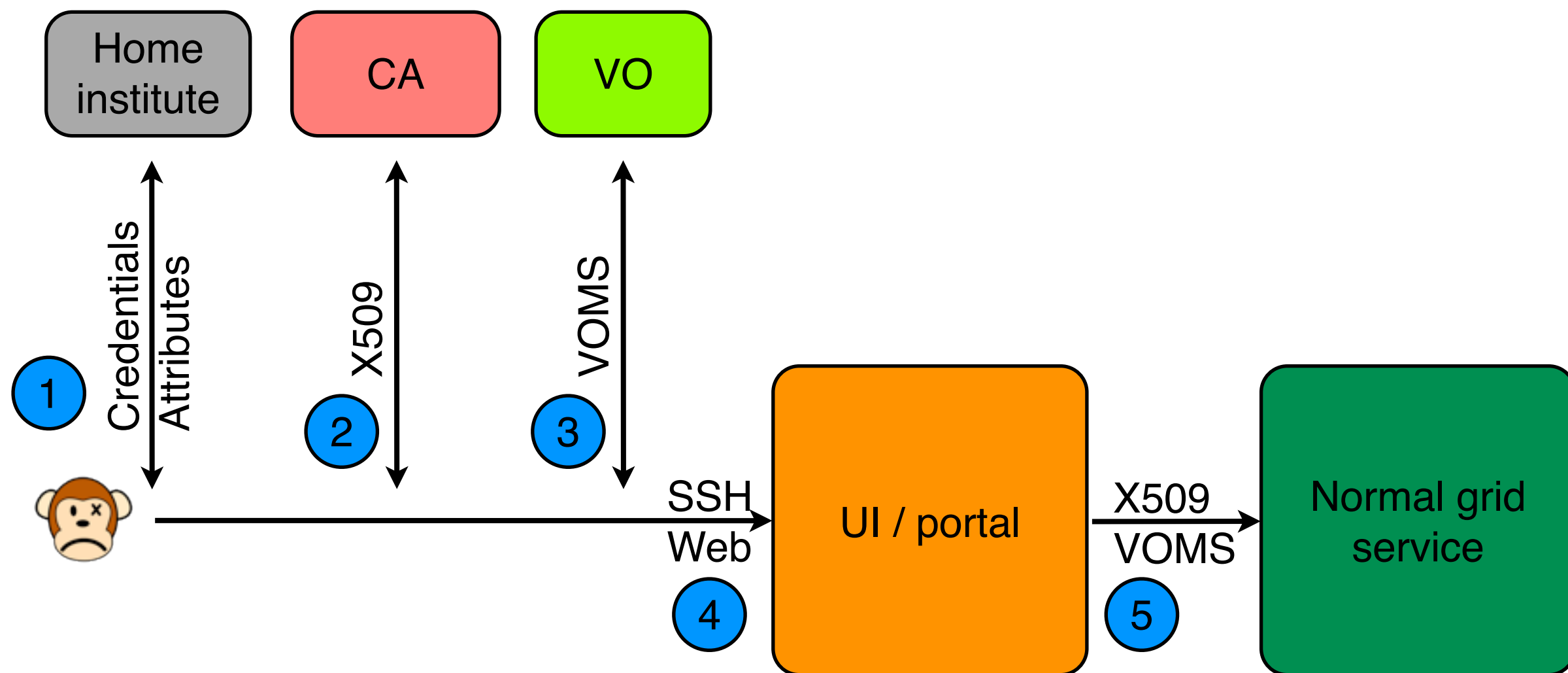


Federated Identity Vision

- Federated Identity Management document
 - Common vision, requirements and recommendations
 - <https://cdsweb.cern.ch/record/1442597>
 - Presented by Dave Kelsey at the last GDB
 - Endorsed by the MB on 5th June 2012
- Need to decide on a **pilot project**, for example:
 - Browser based: a pilot using a WLCG collaborative Web application where users authenticate via their home-issued federated credential (e.g. <https://refeds.terena.org/> (click "Login"))
 - **Non-browser based: a service enabling access to WLCG resources using home-issued federated credentials.**



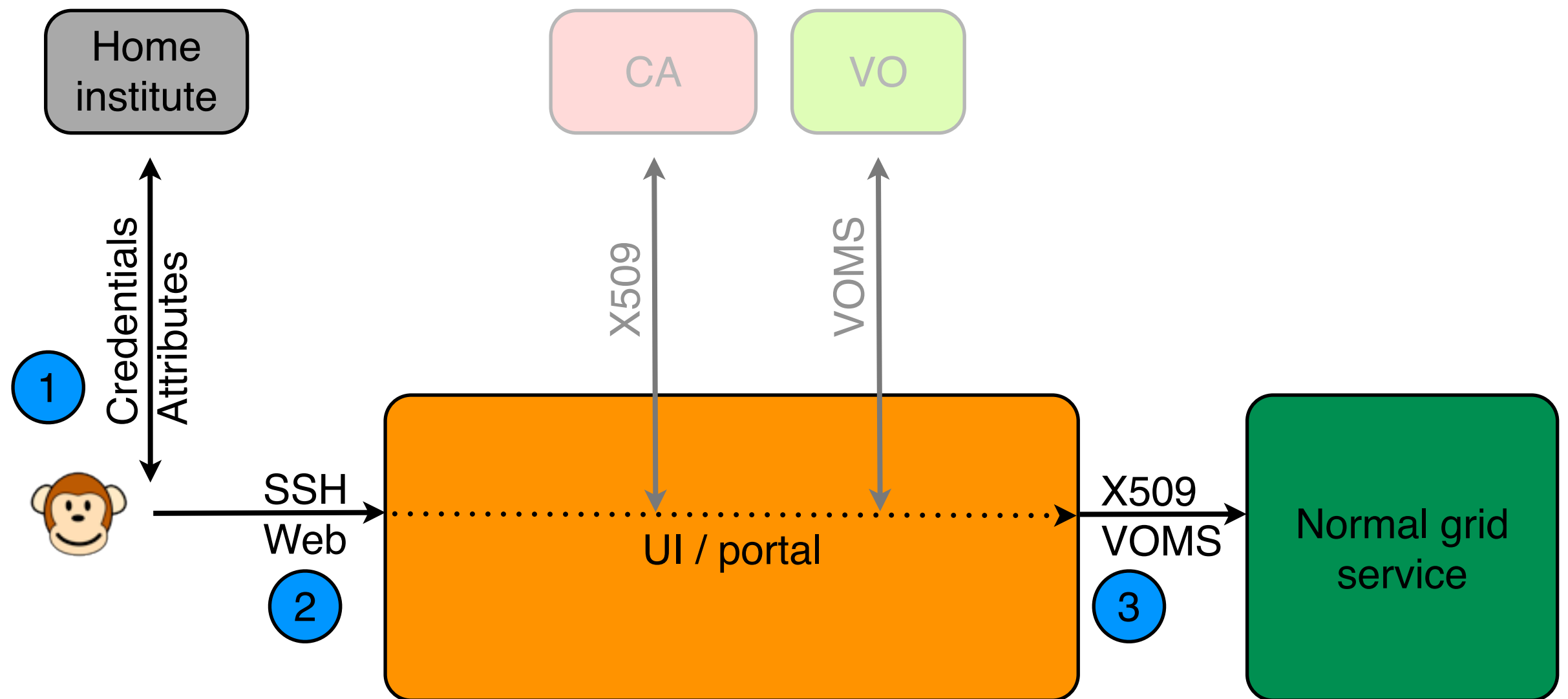
A pilot project for WLCG



Traditional access to grid services



A pilot project for WLCG



Federated access to grid services



A pilot project for WLCG

- Existing building blocks
 - Credential translation and/or short lived online CA available
 - VO are basically attribute providers
- Certainly a lot of technical questions to be answered
 - Policy, “trust” and standardisation work also needs to continue
- Important to build on top of existing federations/architectures
- Working implementations already, for example:
 - SWITCH AAI’s SLCS
 - http://www.switch.ch/grid/slcs/about/about_long.html
 - CILogon
 - <https://cilogon.org/>
- Most users have already have a home institute and credentials issued by them
 - Probably a number of corner cases too



Getting started

- Proposed plan
 - Proof of concept
 - Architecture design and integration in WLCG
 - Pilot service
- Interested experts, sites, VOs and federations should step forward!