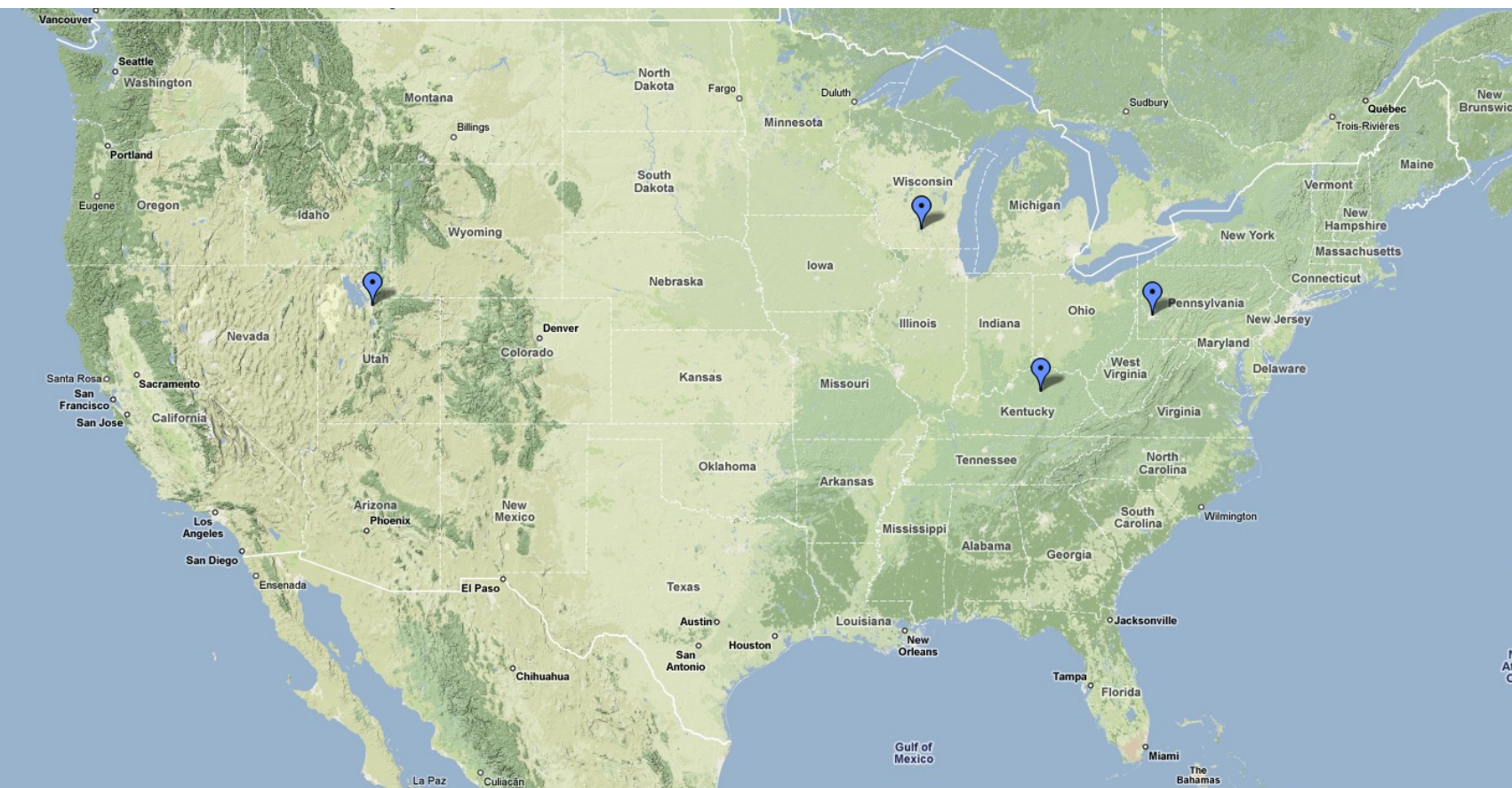


Federates

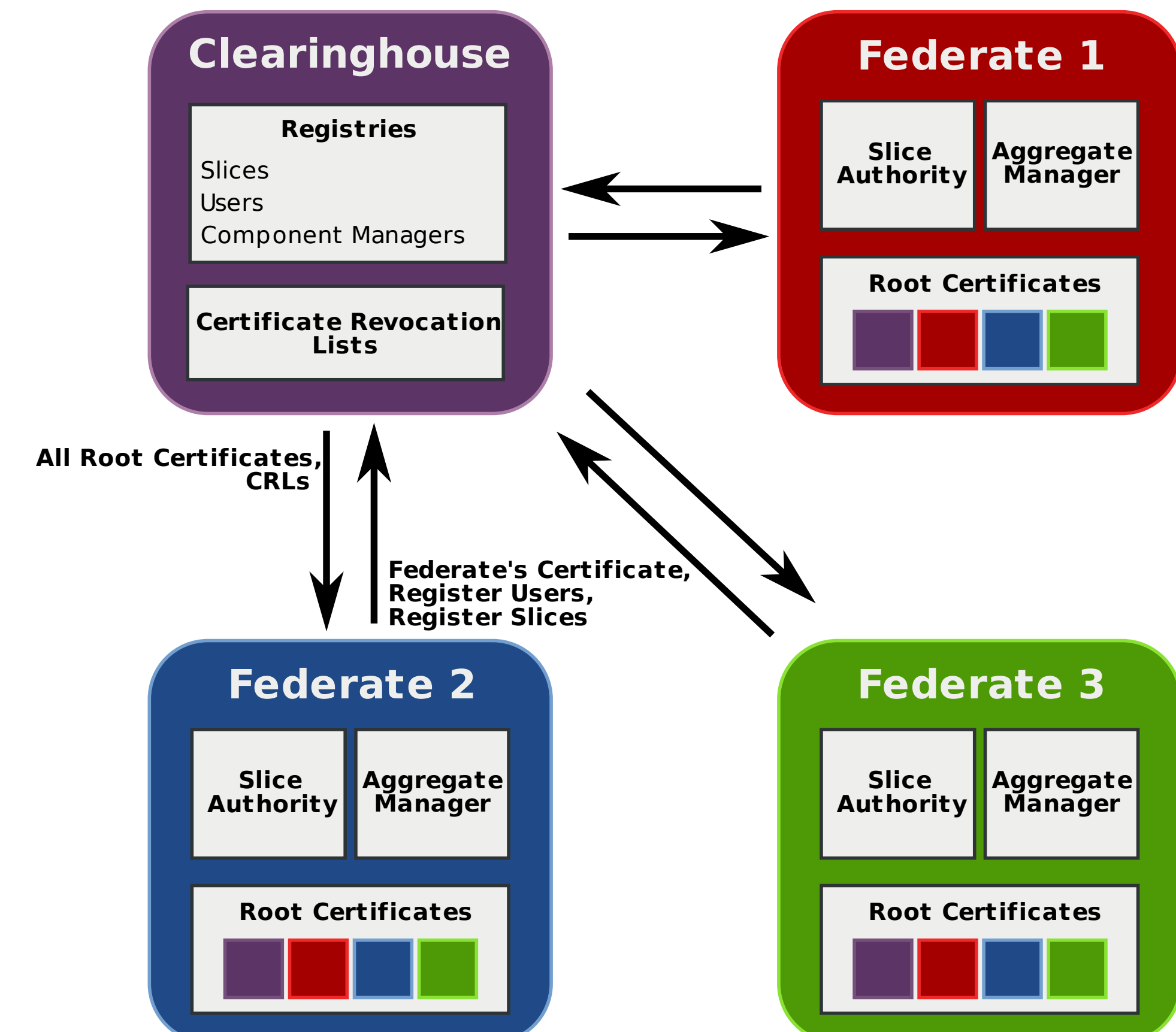
Six federates online

- 3 at University of Utah
- Schooner, part of WAIL at the University of Wisconsin
- Netlab at University of Kentucky
- CMULab

Trust established by exchange of certificates



Federation Design



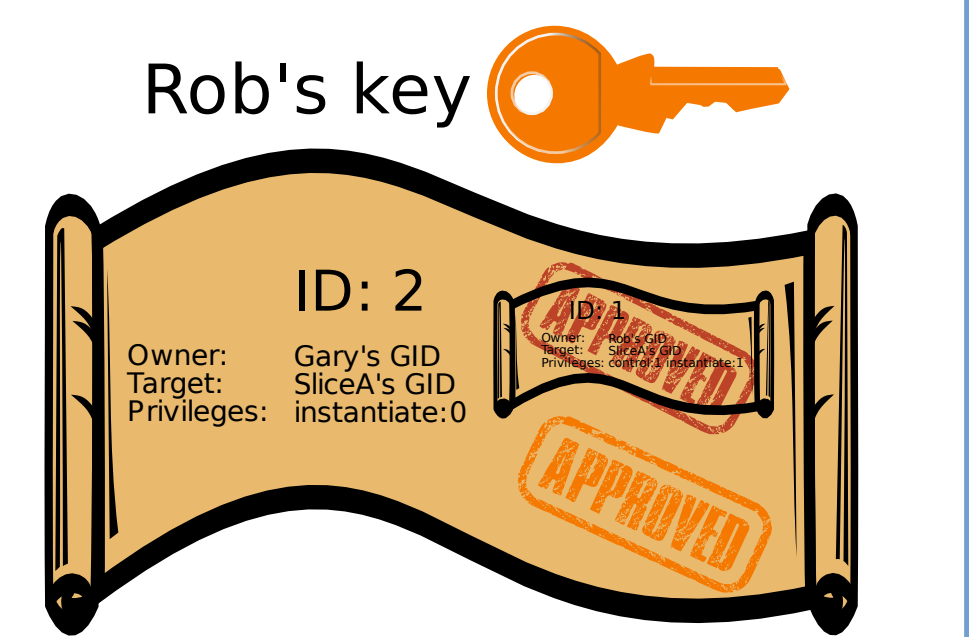
Credentials

Contain:

- Unique ID
- Owner GID
- Target GID
- Set of privileges
- Delegate bit



Signed by target's authority

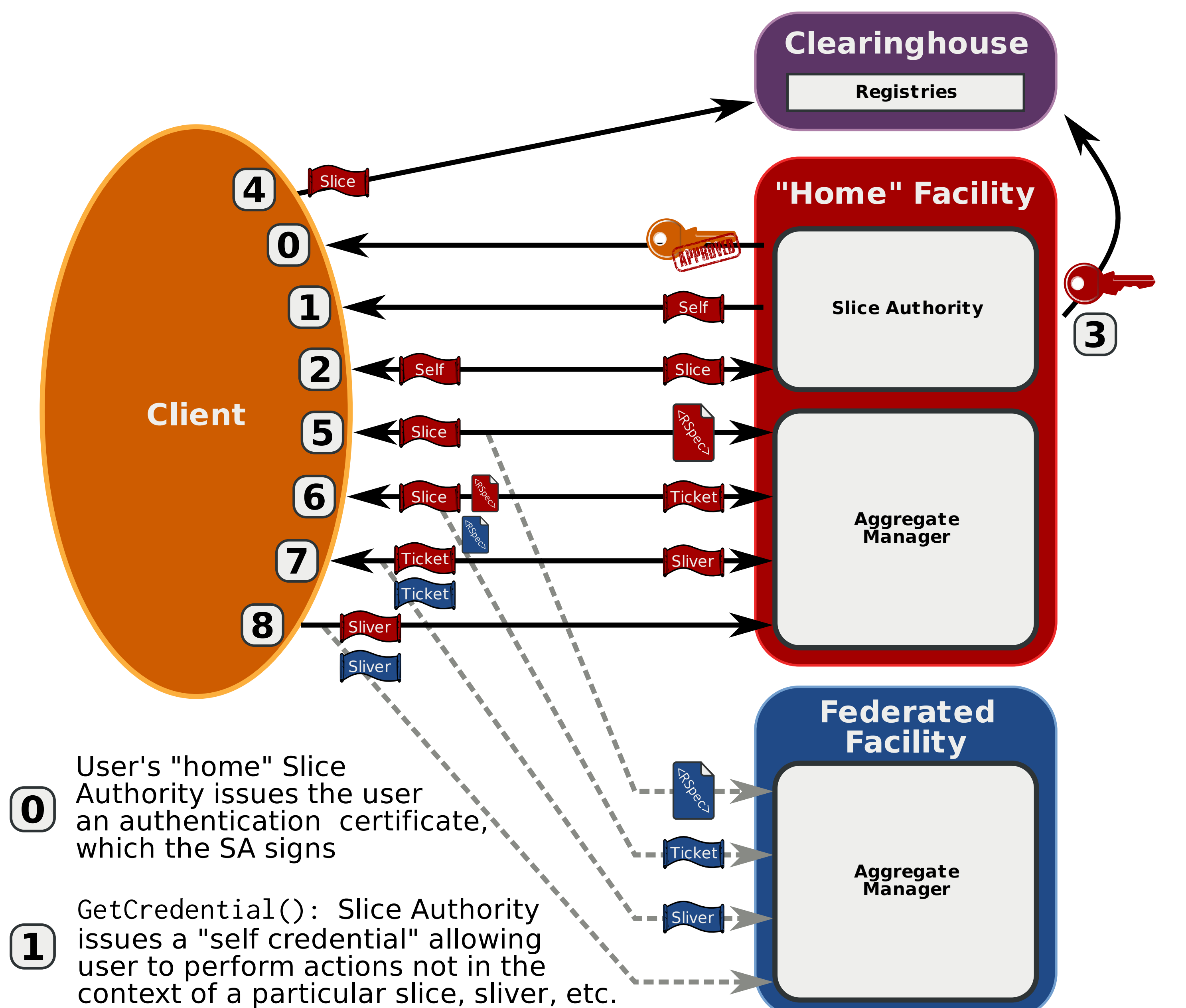


Delegation:

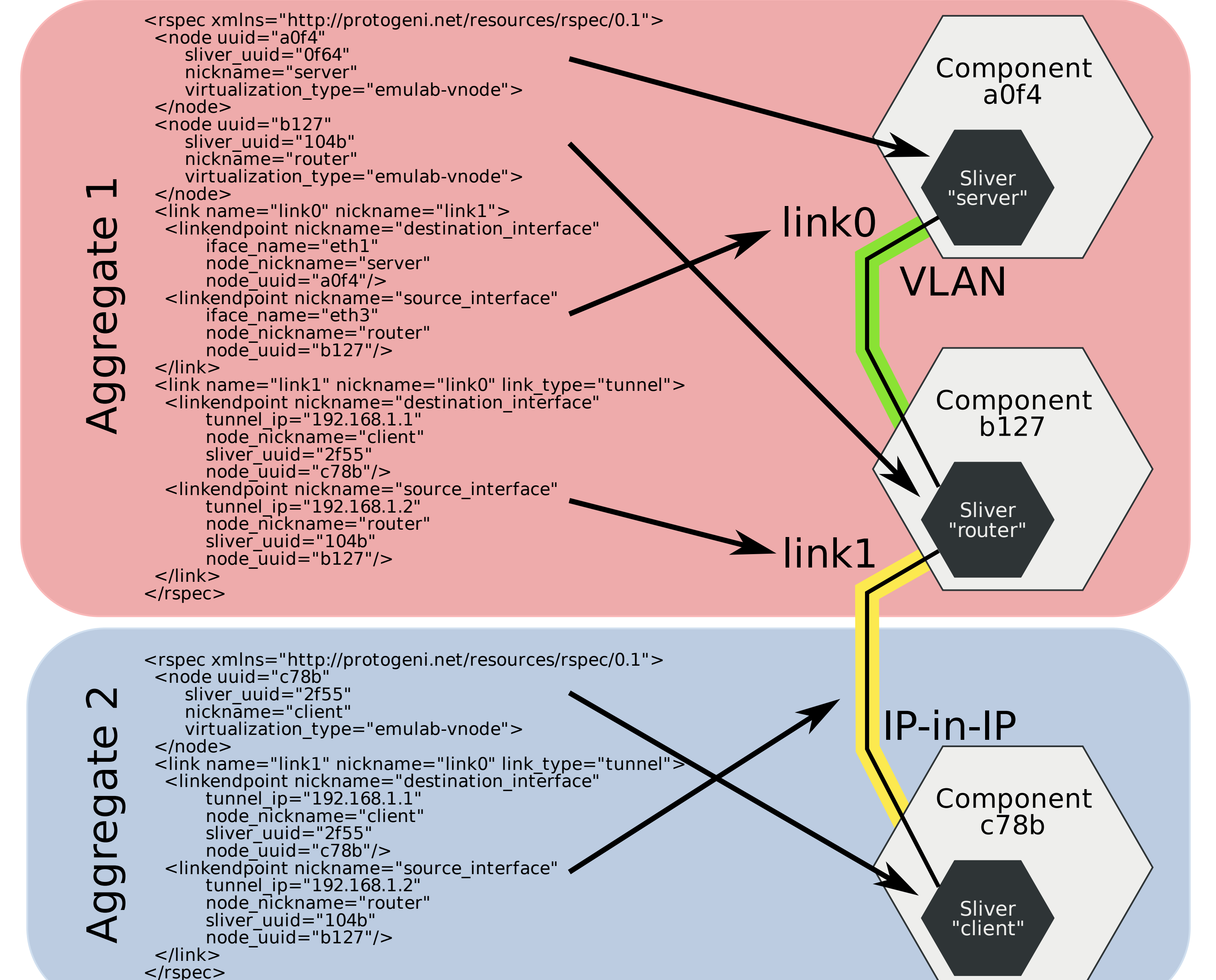
- Include original credential
- Possibly subset of privileges
- Signed by owner's key

GID:
<UUID,
HRN,
Certificate>

Creating a Slice



Request RSpec



Emergency Shutdown

