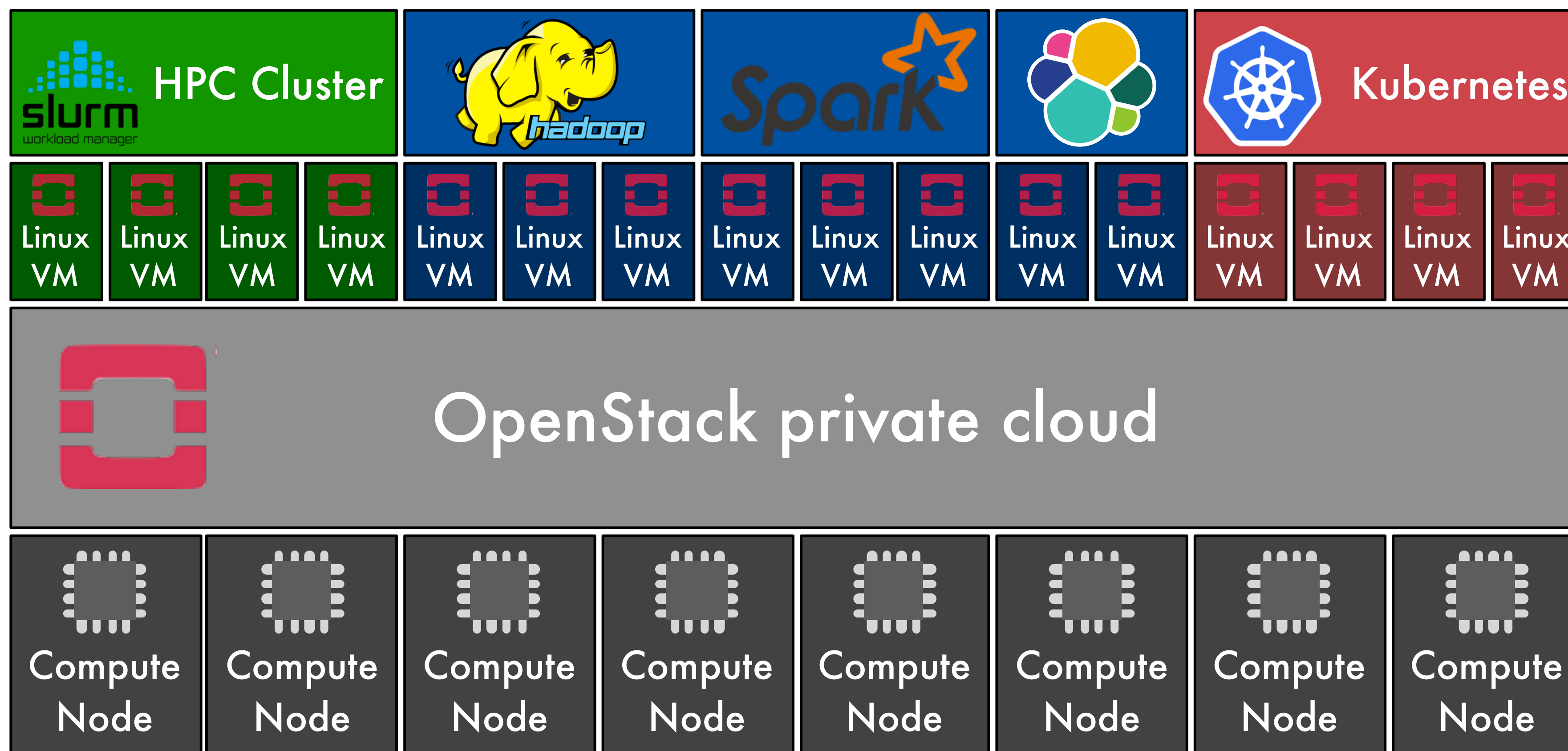


StackHPC Update to UKT0

14th March 2018

An OpenStack Cloud for Research Computing



AAI and OpenStack deliverable

- Research carried out, expert input sought
- First draft reviewed by UKT0 TWG, much feedback provided
- Feedback addressed in second draft, now available

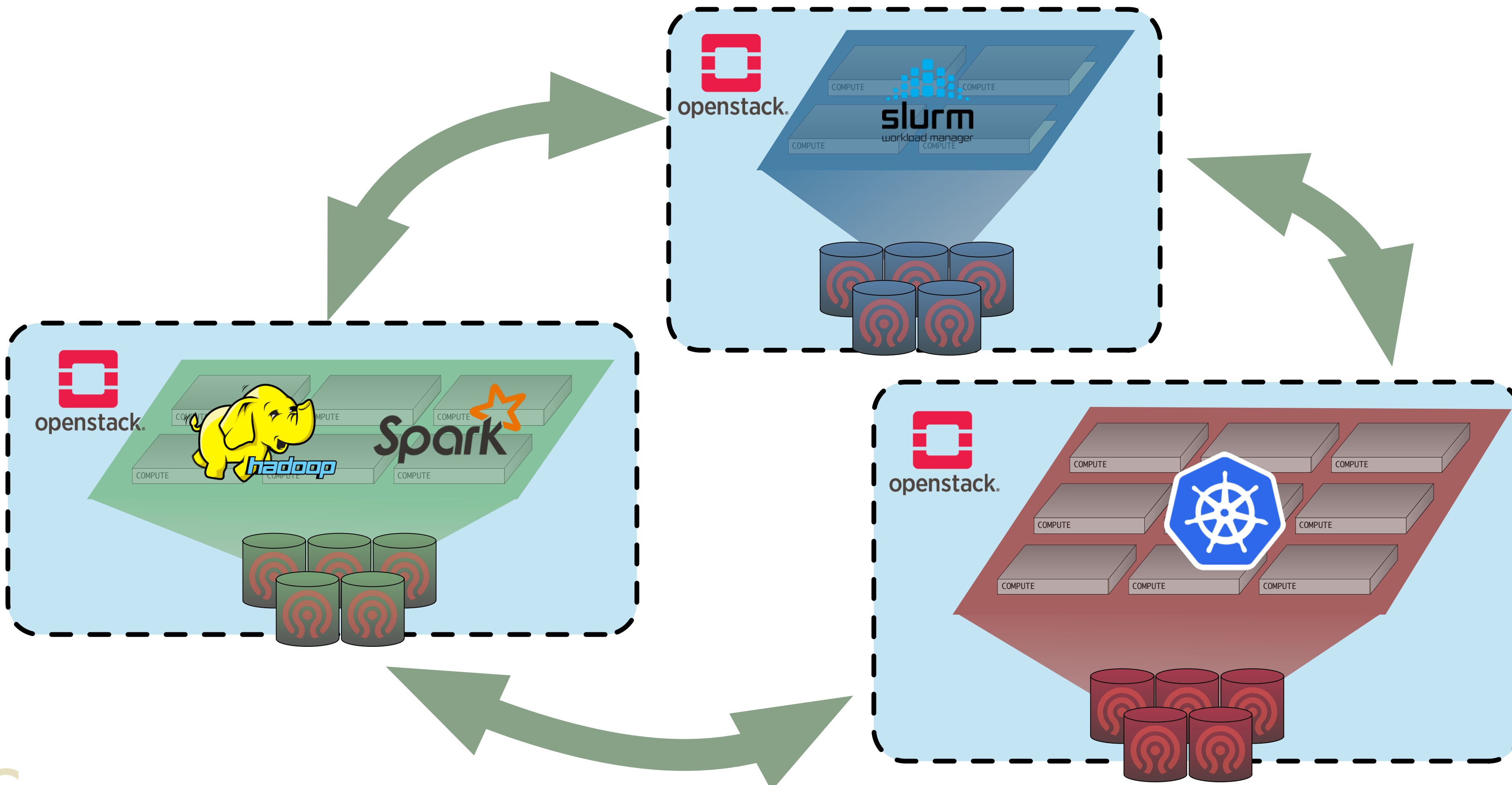
OpenStack test beds

- Don't rule anything out
- Access to three diverse infrastructure test beds
 - RAL
 - Cambridge / ALaSKA
 - Cambridge development environment
- Development for AAI - developer laptops suffice

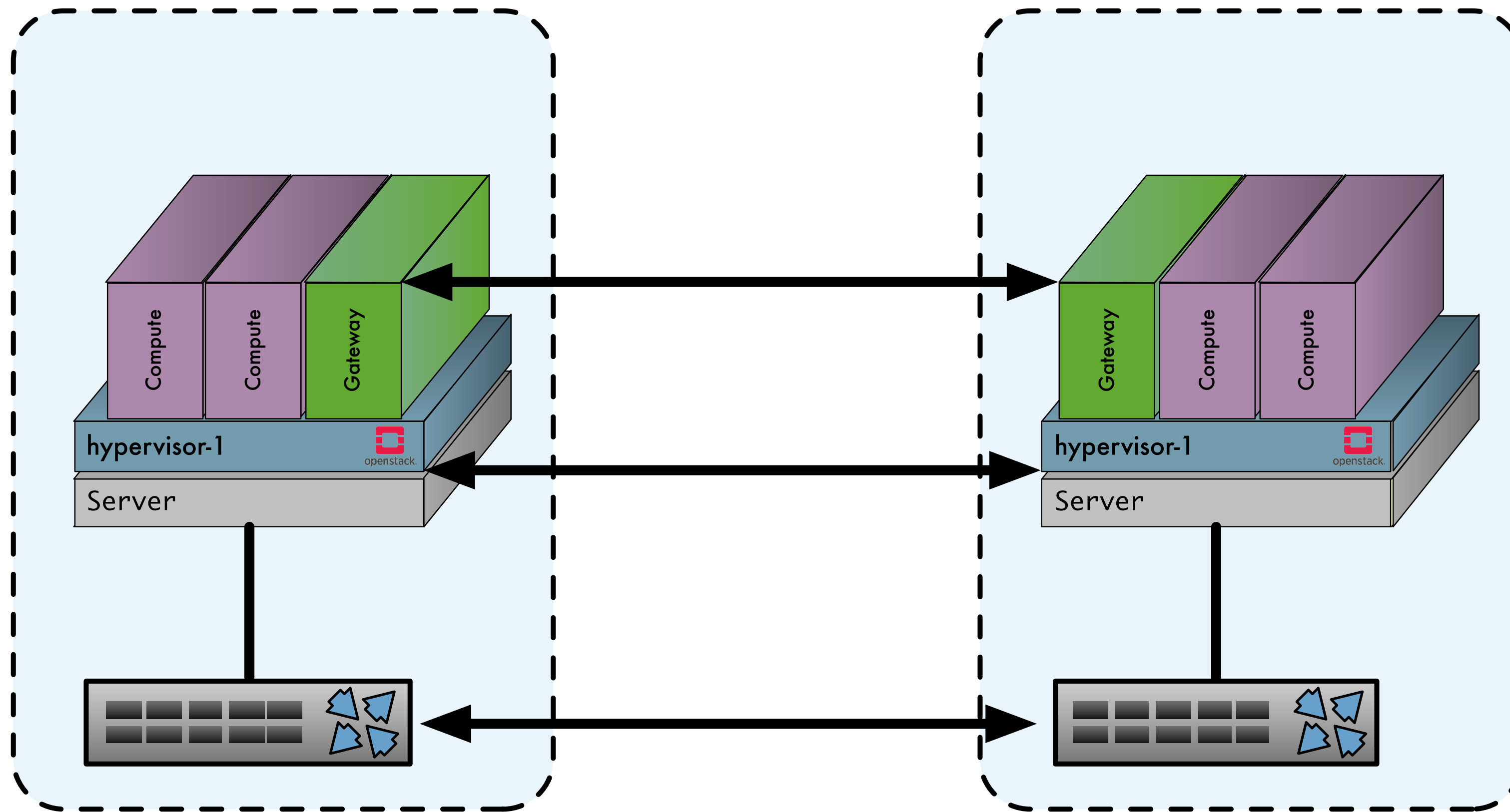
AAI interfacing and prototyping

- Keystone to Keystone
 - Deployment developed as first step
- Keystone to Keycloak
 - Stand up an external Keycloak IdP as placeholder
- Keystone to other AAI services
 - Developer access to EGI Check-in
 - Jisc Assent / Moonshot

Federated networking



Federated networking



Software models for federated platforms

- Follow-on activities
 - Common Interface between Federated Clouds
 - Scheduling work across Federated Clouds

Thank you