

UGP

Lisa Childers, Incubator Mentor for UGP, on Behalf Of:

Bill Labate, Joan Slottow, Kejian Jin,
Prakashan Korambath, Shao-cing
Huang, Shirley Goldstein, TV Singh
UCLA



Goals of the Project

- The UGP (UCLA Grid Portal) provides single-login access to multiple clusters
 - ◆ Cluster User: for those who have login ids for individual clusters
 - ◆ Pool-Only User: for those without cluster accounts but
- Enables users to interact with clusters
 - ◆ at the campus level
 - ◆ at the institutional level
- Initial deployment across multiple University of California campuses
- UGP also is available for installation at other sites



the globus alliance
www.globus.org

Relationship to Other Globus Projects

- High-level tool that depends on
 - ◆ Java CoG
 - ◆ MyProxy
 - ◆ Java WS Core
 - ◆ MDS4



Current and Planned Work

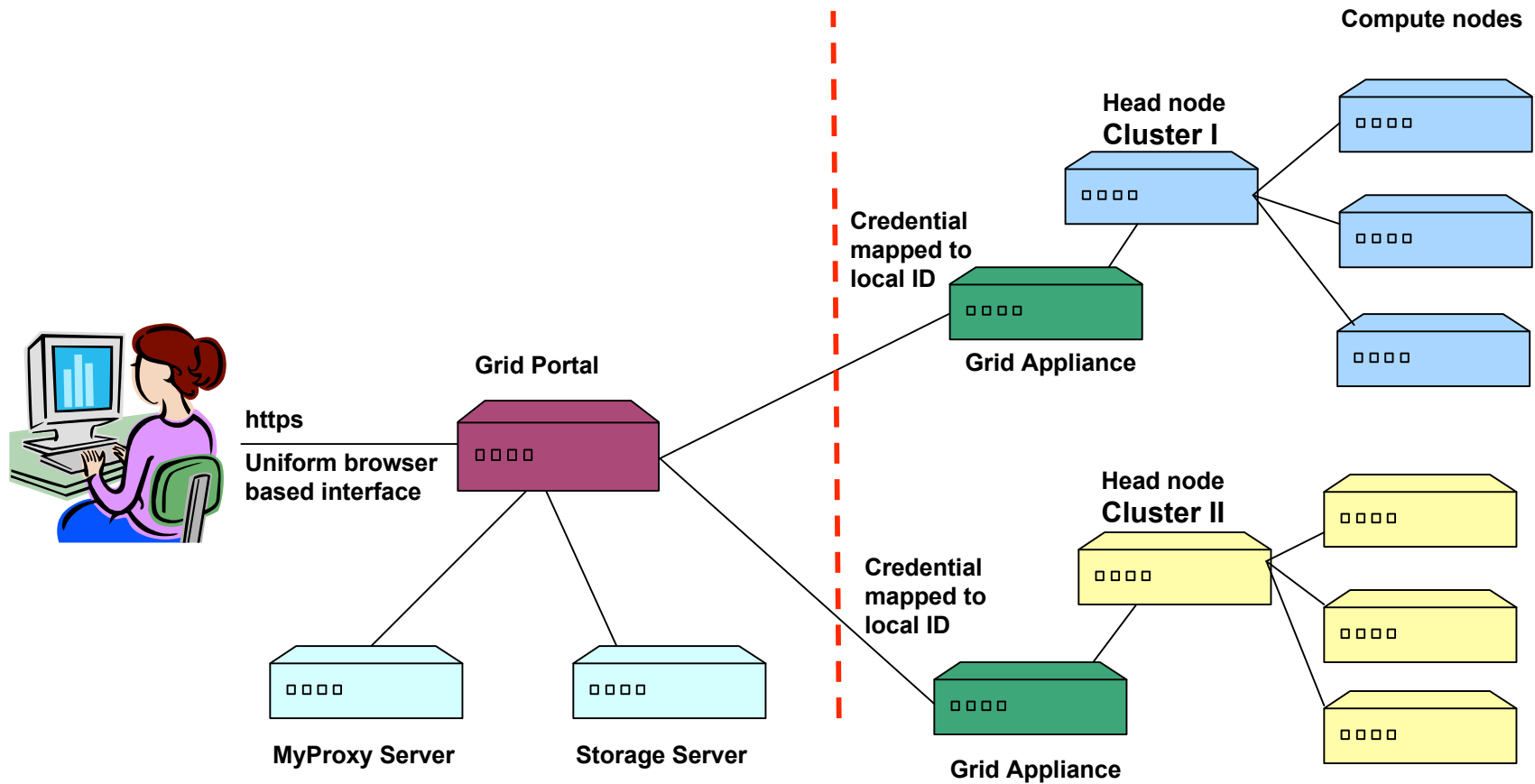
- Currently deployed in UCLA and UCSB campuses
- Deployed in UCI campus, but not released to users
- To be deployed in UC Berkeley shortly
- Recently added feature:
 - ◆ Access to interactive applications through the portal by means of a vncserver running on the cluster compute nodes



the globus alliance

www.globus.org

Single Campus Architecture



<http://dev.globus.org/wiki/Incubator/UGP>

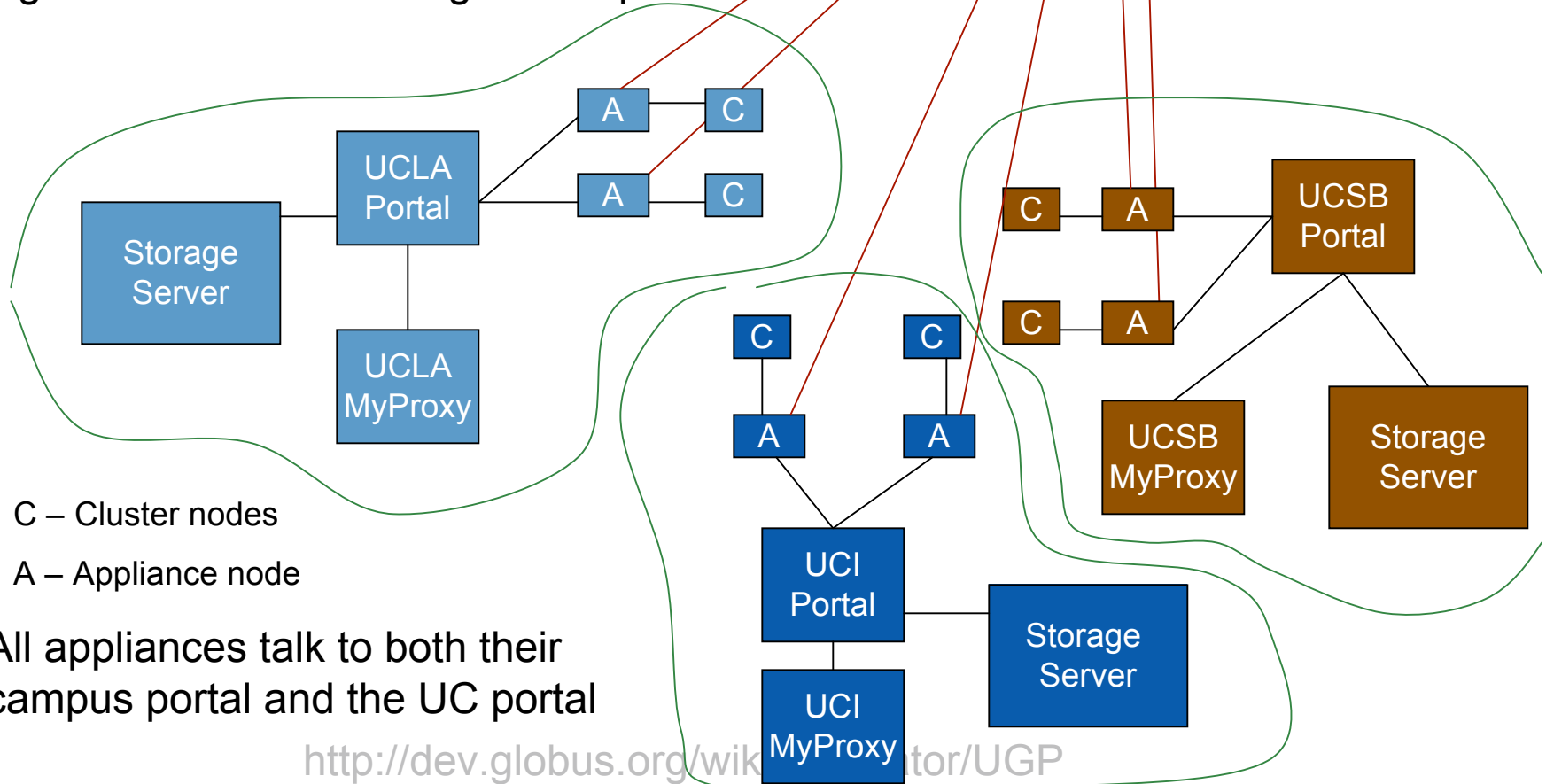


the globus alliance

UC Grid Multi-Campus Architecture



Single CA is shared among all campuses



Critical Issues

- I do not know if there are critical issues