Campus Bridging services today

- UNICORE – Grid system developed in Europe, supported and continually evolving, adopted by XSEDE for optional deployment on level 1 and 2 Service Providers. Nearly universal.
- XSEDE Compatible Basic Cluster: Rocks Rolls and YUM Repo, consulting phone, engineer campus visits
- Globus Online – File transfer utility, approved for use on XSEDE resources. Globus Connect Server also through engineering process.
- Genesis II – global file system (GFFS) and job submission service (BES) under evaluation & development
A few XSEDE items

• OTP used for all infrastructure services in XSEDE. Effort to do the same for all compute resources.

• Network performance issues on XSEDEnet not much different than those faced by other network organizations.

• Main outreach program to universities: Campus Champions
Other associated Operations topics

• InCommon – XSEDE is a member, if a campus is a Level 2 or 3 service provider, they can get a [name].xsede.org and use XSEDE’s CA

• NICS at The University of Tennessee has a 40Gb perfSonar available.

• info.xsede.org – font of information about XSEDE systems, software, packages, APIs, etc. Effort being made to make it easier for all to add their own info.
For more information…

- https://www.xsede.org/campus-bridging
- http://cb-repo.iu.xsede.org/xsederepo/
- https://www.xsede.org/globus-online
- http://genesis2.virginia.edu
- campusbridging@xsede.org
- +1 (812) 318-2872 (M-F, 9a-5p Eastern)
Our reach will forever exceed our grasp, but, in stretching our horizon, we forever improve our world.