



DOE Science Grid



- **DOESG is deploying Grid middleware across ANL, LBNL, NERSC, PNNL, and ORNL.**
 - Developed DOEGrids CA for DOE science community
- **Relationship between DOESG and OSG?**
 - Trouble-ticket exchange work with iVDGL possible model for collaboration
 - Clearly share many common interests / problems.
- **Usability and Fault Tolerance**
 - How do we build production infrastructure that is usable by; scientists, developers, and administrators?
 - Security Issues: Current PKI is too fragile and complex. Firewalls, Authorization, integration with local site security
 - How do we troubleshoot problems across multiple Grids and organizations?
- **Need more data on real application usage of Grids**
 - Is using NetLogger to archive long term data viable for later data mining?