



- IP Core Hubs
- SDN Hubs
- Major R&E and International peering connections

- 10-40 GE SDN
- 10GE-IP-Circuit
- < 10GE-IP-Circuit
- MAN 10 GE Ring

- ★ **Office of Science National Labs**
- Ames** Ames Laboratory (Ames, Iowa)
- ANL** Argonne National Laboratory (Chicago)
- BNL** Brookhaven National Laboratory (Brookhaven, Long Island)
- FNAL** Fermi National Accelerator Laboratory (Chicago)
- JLAB** Thomas Jefferson National Accelerator Facility (Newport News, VA)
- LBNL** Lawrence Berkeley National Laboratory
- ORNL** Oakridge National Laboratory (Oakridge, TN)
- PNNL** Pacific Northwest National Laboratory (Richland, WA)
- PPPL** Princeton Plasma Physics Laboratory (Princeton, NJ)
- SLAC** Stanford Linear Accelerator Center (Palo Alto, CA)