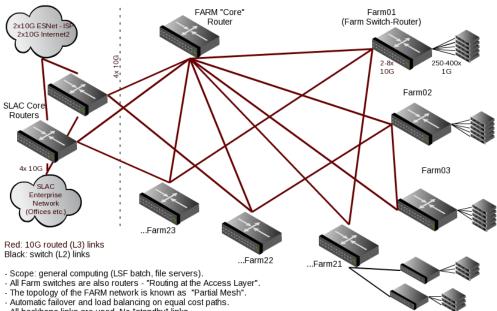
SLAC Scientific Computing Network





- All backbone links are used. No "standby" links.
- To achieve this design, no subnets can exist on more than one router.

 Average: 250-350x 1G switch ports, 2-8x 10G backbone links.

 In special cases, such as lower performance requirements, smaller.
- switches are connected to a Farm router, with 1G or 10G links.
- Beginning to see 10G connected hosts buffer design challenge.

Future trends:

- denser switches vs small TOR switches
- 40GE early next year, 100GE later "fabric" marketing