

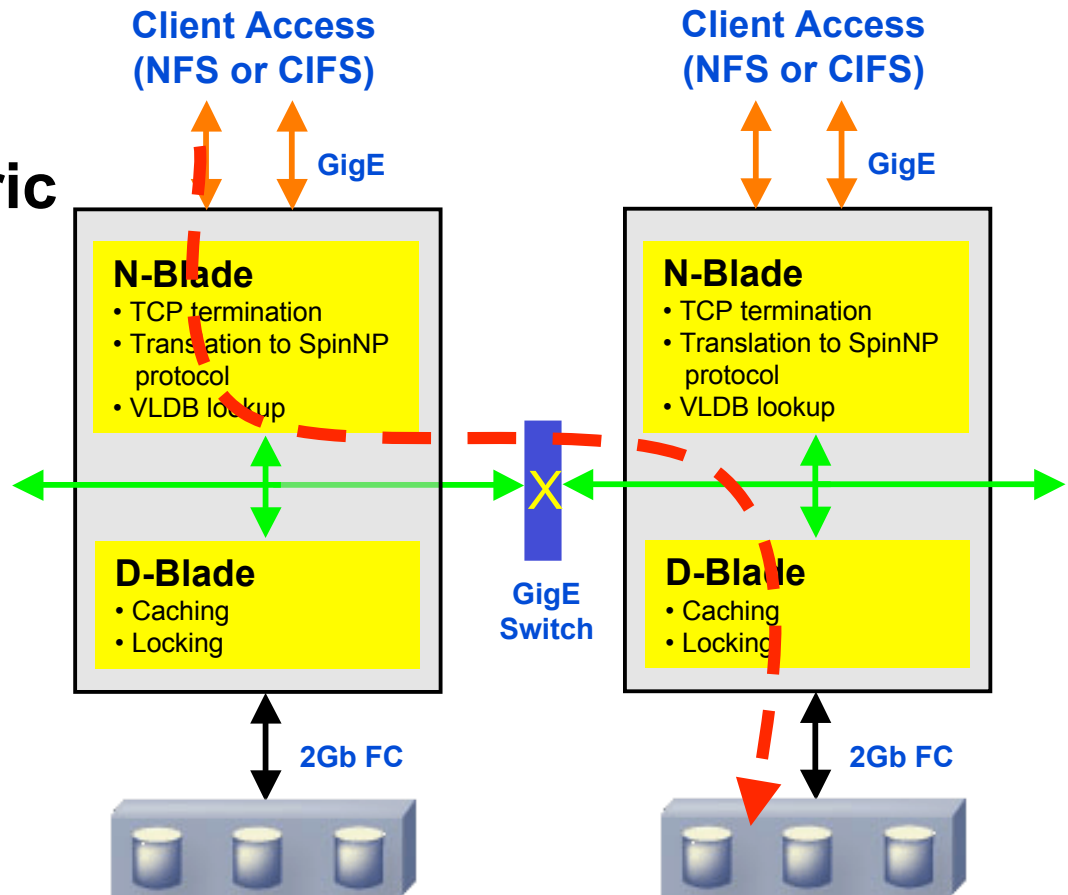


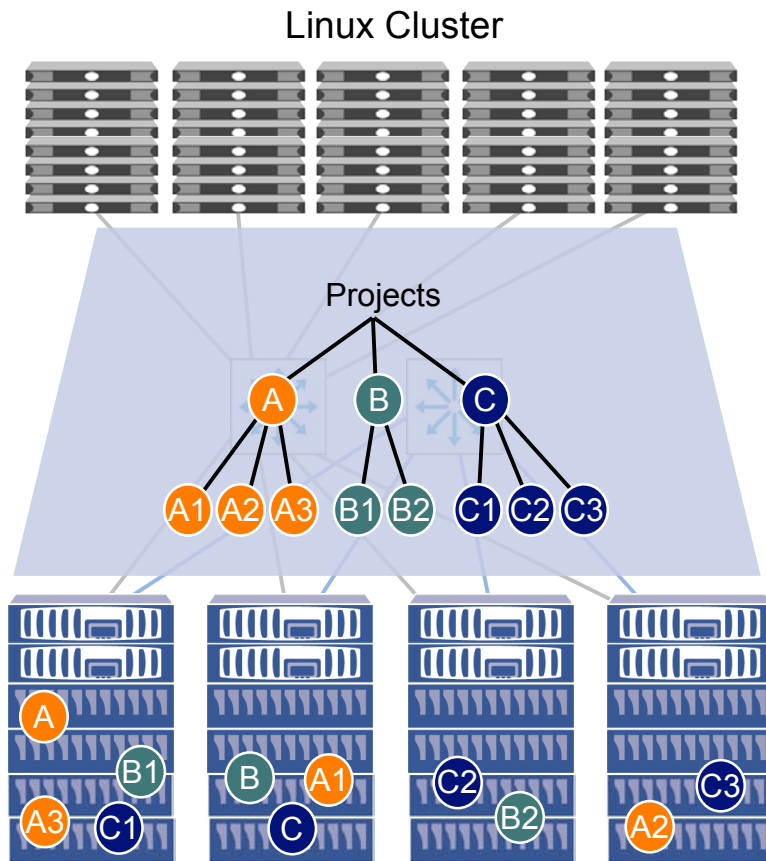
Data ONTAP GX

*Solutions for High Performance
Technical Computing*

November 16, 2006

- ▶ No client code changes
- ▶ Standard IP cluster fabric
- ▶ Linear performance scaling
- ▶ “NAS Switch”





► Use cases

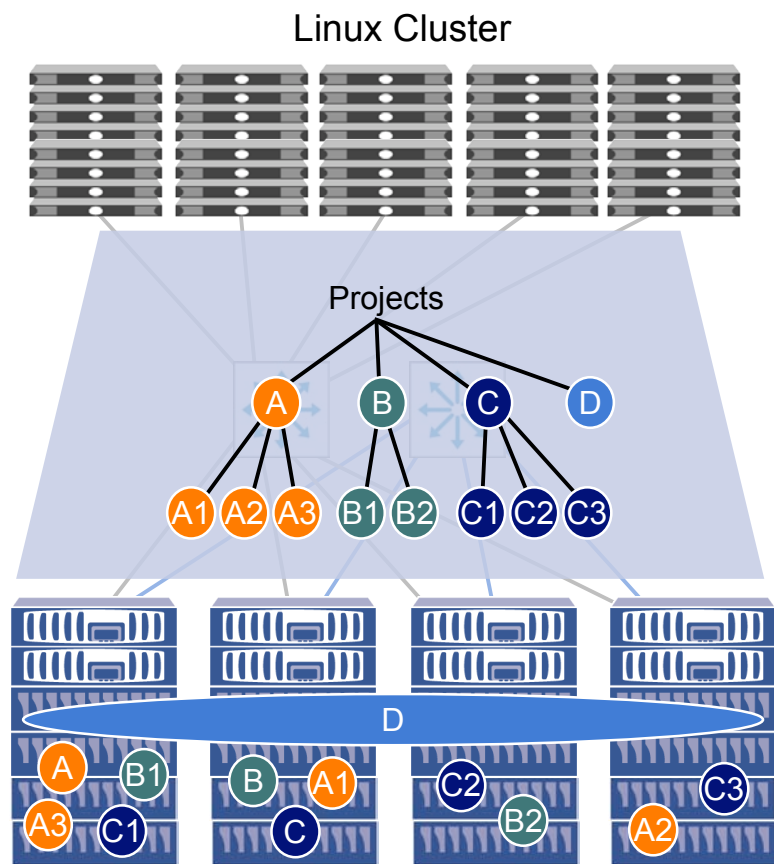
- Optimize performance
- Eliminate “hot spots”
- Maximize disk utilization

► While application is running

► No need to touch clients

► “Take back your nights and weekend”

FlexVol HPO (High Performance Option)



- ▶ **FlexVols span many nodes**
 - Multi-GB/s performance
 - Hundreds of TB capacity
- ▶ **Scale performance for critical files and directories**
- ▶ **Online expansion across add-on nodes**
- ▶ **Management simplicity preserved**
- ▶ **BOTH Striped and Switched storage options on same Storage Grid**

▶ With HPO

- each read/write switched to actual data store
- very high aggregate read/write rates

▶ With pNFS

- each read/write goes directly to actual data store
 - switching overhead eliminated
- single client can manage multiple data paths
 - faster single stream performance