



ESnet

ENERGY SCIENCES NETWORK

Panel: Shared Resources in the Cyberinfrastructure Environment

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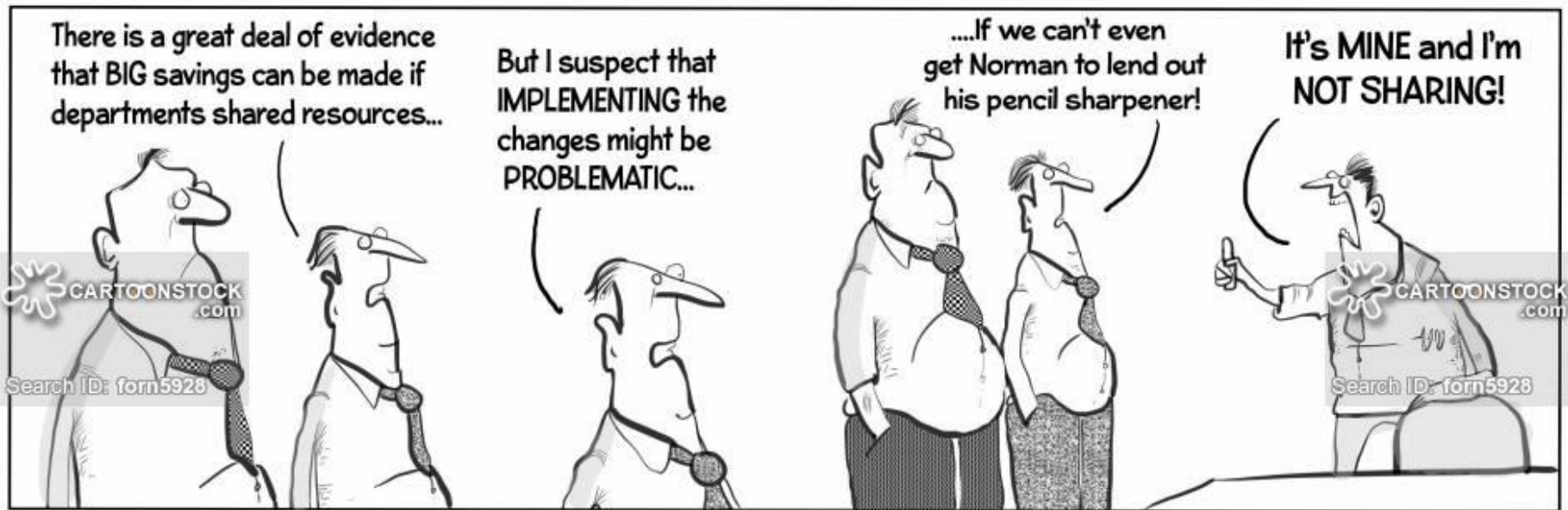
NSF, Quilt and ESnet Joint Session
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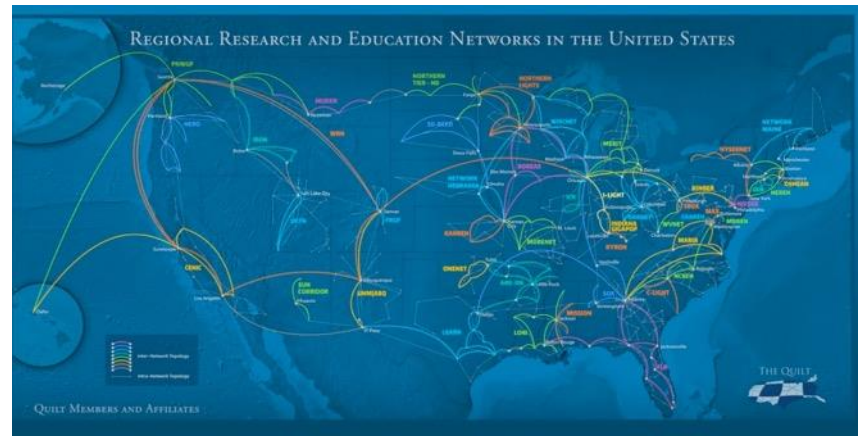
Do people share?



Is this sharing?



R&E does do true sharing of resources



Cyberinfrastructure sharing example



perSONAR worldwide deployments



Need for sharing

- Consuming less resources overall
- More efficient use of planet resources
- Increase in productivity



Sharing of cyberinfrastructure [computing, networking and storage] resources is critical to DOE's sustainable future and ability to handle exponential growth in data/processing needs

Future Laboratory Computing

Background and Roadmap for a Distributed Computing and Data Ecosystem

July 2018

Draft 2.0





Thank you!