Results from DTOX Questionnaire

Jeroen van der Ham

DTOX Questionnaire

- Current topology representation
- Willingness to share topology
- Current provisioning mechanism
- Willingness to open provisioning
- What's stopping you?

17 Responses

- TaiwanLight
- KRLight
- NetherLight
- MAN LAN
- WIX (Washington DC)
- ION (Not really a GOLE but perhaps worth doing this exercise for)
- GLORIAD
- CERNlight

- CzechLight
- NYSERNet
- NOAA N-Wave
- Pacific Wave: Los Angeles, Sunnyvale, Seattle
- ESnet
- Southern Light
- HEANet
- StarLight

Current Representation

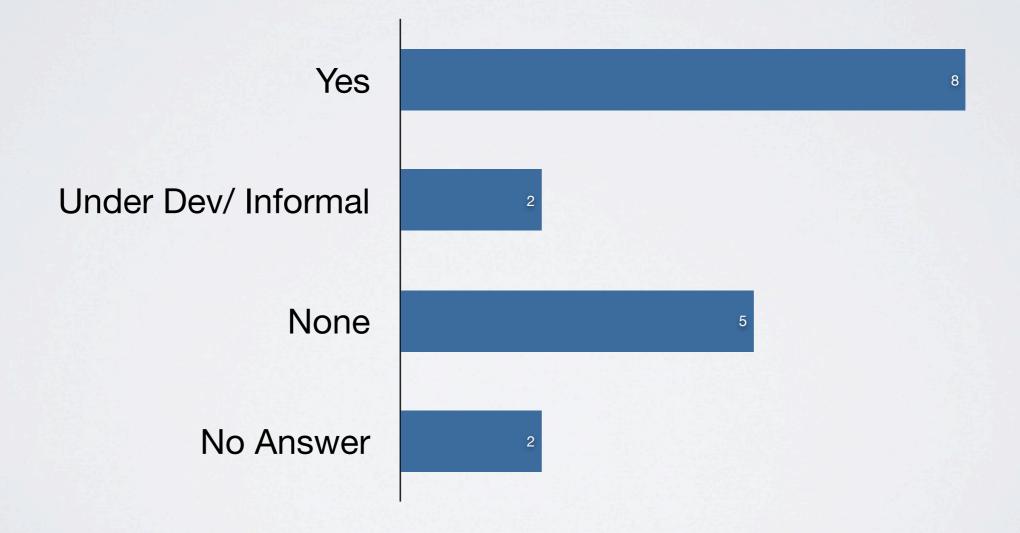
IDC Topology

Manually Drawn & Hardcopy

Visio Diagram & Database



Update Procedures



Wednesday, 25 January 12

Topology Sharing – World

Connected Networks/GOLEs Edgeports 1 Edgeports and availability Full Topology 2

Wednesday, 25 January 12

Topology Sharing – GLIF

Connected Networks/GOLEs

Edgeports

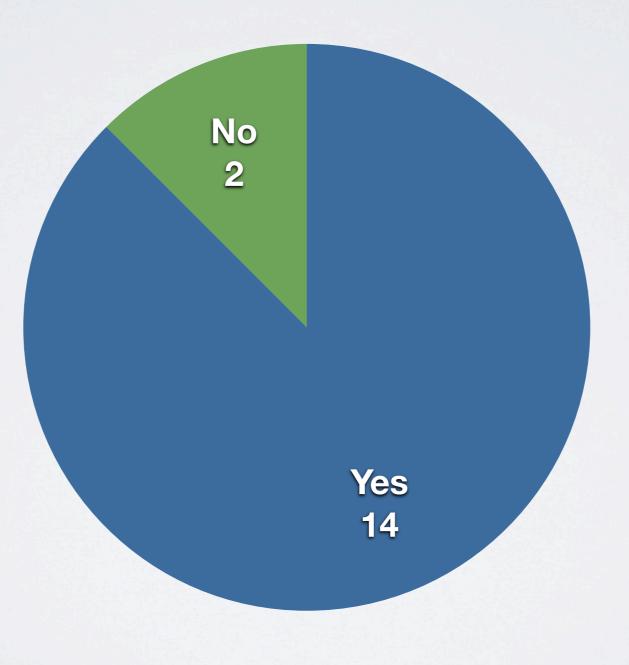
Edgeports and availability

Full Topology

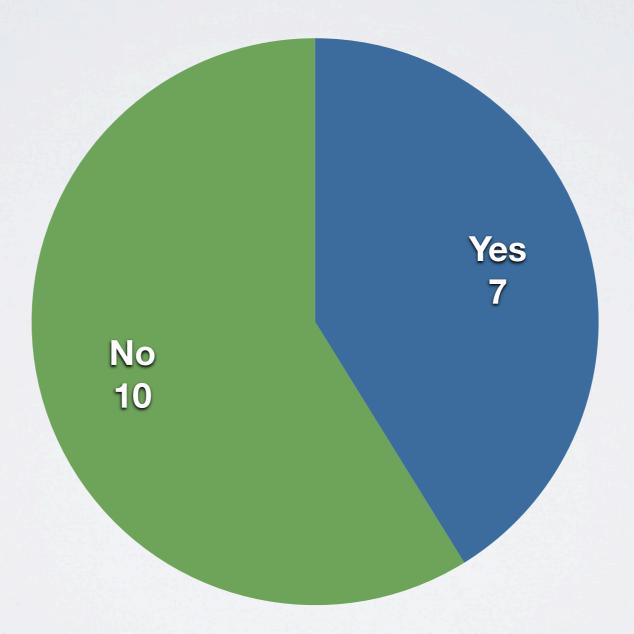
Full topology and availability



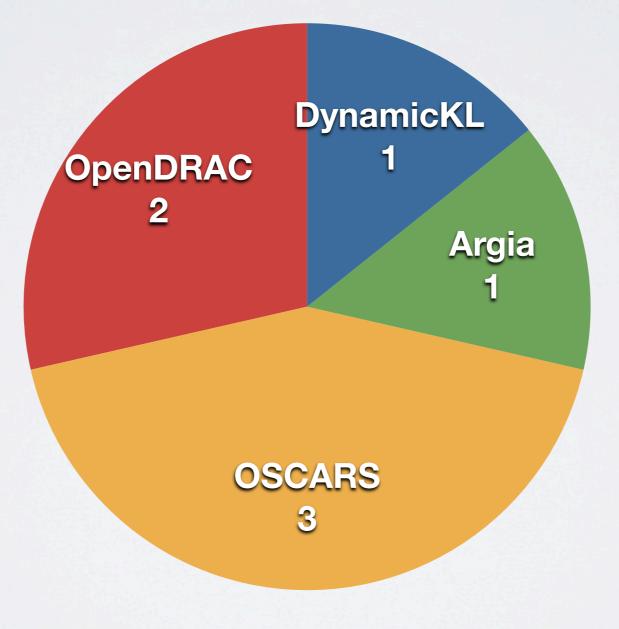
Automatic Distribution of Topology?



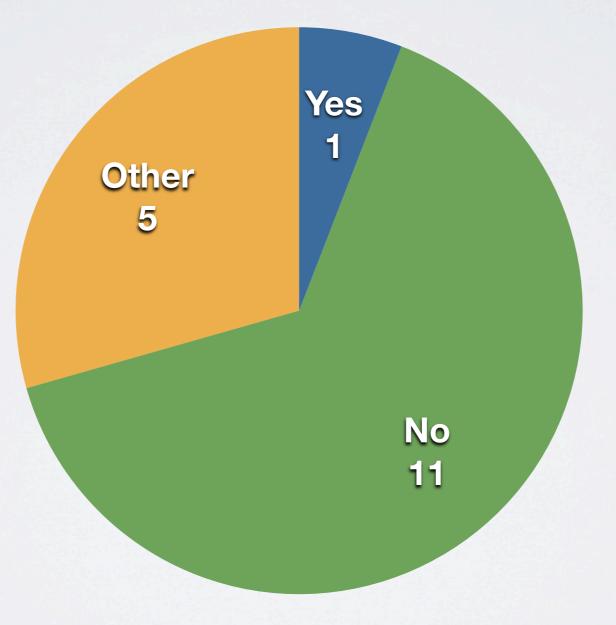
Automatic Provisioning System?



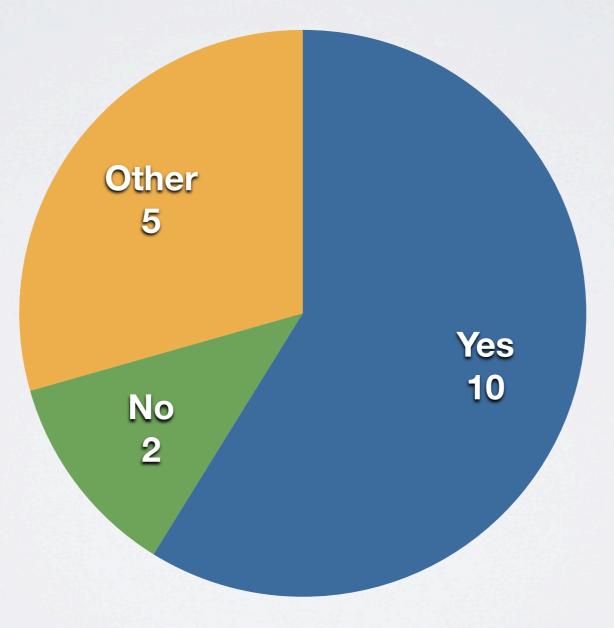
Provisioning Systems



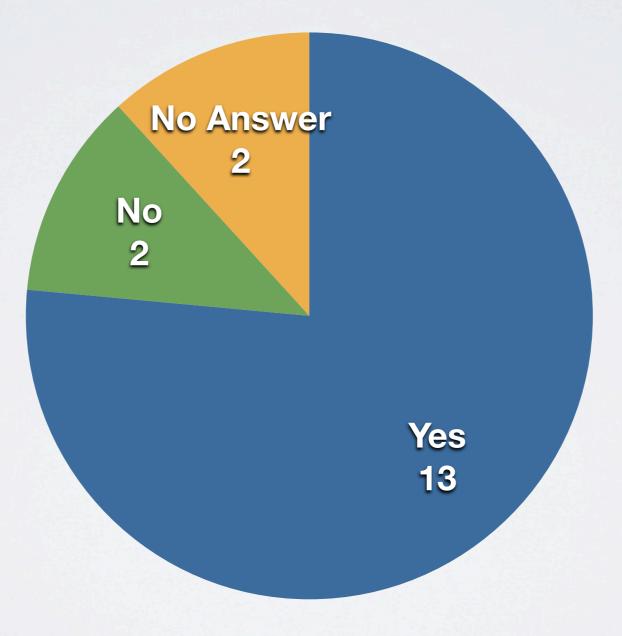
Provisioning for World?



Provisioning for Trusted Peers?



Would you use NML-WG Format?



Wishlist for Topology?

- Standard!
- Contact Info
- Abstract
- Interface types and protocols

What is stopping you?

- No standard
- No Time
- No Tools
- Skepticism