SC16 Technical Program Workshop INDIS 2016: Innovating the Network for Data-Intensive Science

Salt Lake City, hpc Utah matters.



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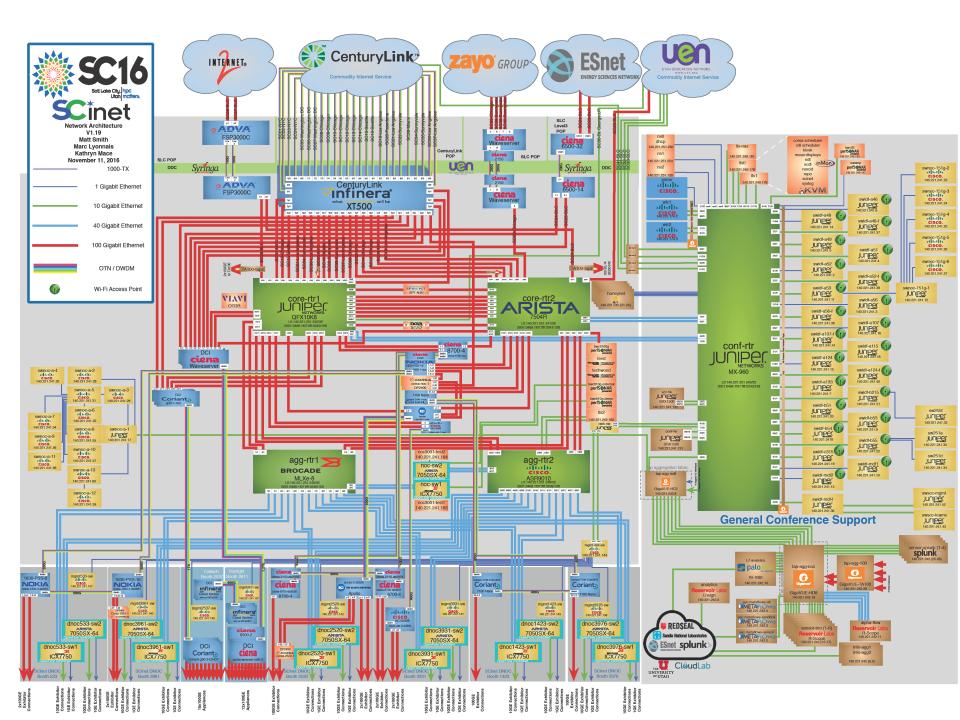
Summary Highlights

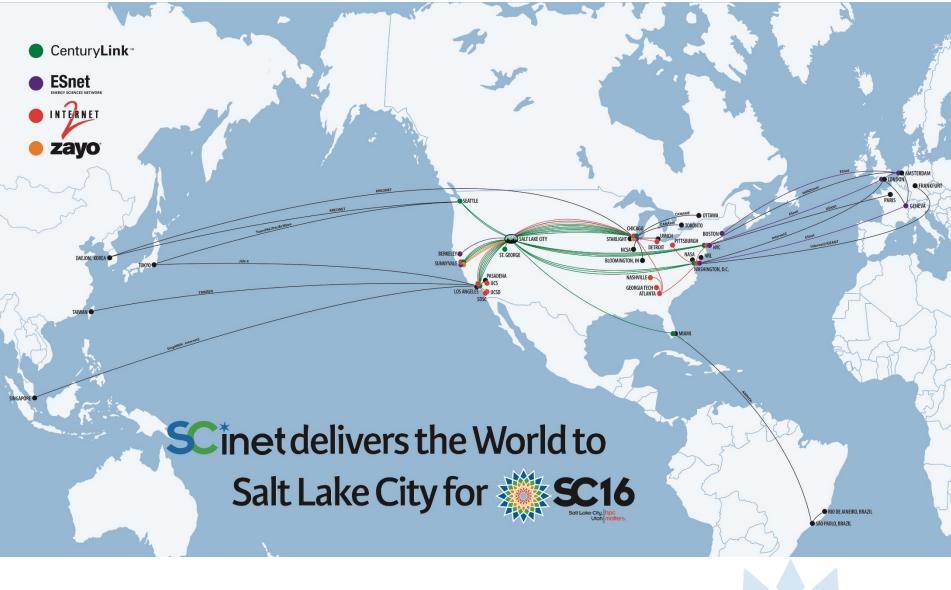
- Total WAN bandwidth delivered: 3.15 Tbps
- Total metro bandwidth delivered: 5.4 Tbps
- Routing and switching capacity: 14Tbps+
- 56 mi/90km of fiber deployed on exhibit floor
- Over \$32 million in loaned equipment
- Over 200 volunteers from over 18 countries
- 200+ SCinet Wireless Access Points configured

hpc matters

- 8 Distributed NOCs (DNOC) on exhibit floor
- 120 managed and 78 unmanaged switches











What Good is SCinet?

- Unrivaled International Networking Laboratory
 - Leading experts government, industry and academia
 - Diverse networking equipment
 - Innovative philosophy of advancing networking
- SC as a premier HPC, networking and storage conference
 - Rich technical program
 - Extensive exhibit component
 - Vendor, service provider and customer participation
 - Network Research Exhibition (NRE) demonstrations





SCinet

- Innovating for 26 years
 - Amazing transformations in networking with advances every year
 - Pursuing richer capabilities and more functionality in networking
 - SCinet 26.20
- Long History of Software Defined Networking
 - Database driven network design going back more than a decade
 - Auto routing infrastructure
 - Fully incorporated SDN advances and implementation
- Continued Exploration in this crucial time in networking development
- Provide a platform to herald the importance of network research



