



## SC07 WAN Resources

SC07 Bandwidth Challenge relies on the wide-area-network (WAN) bandwidth provided into Reno, Nevada by regional, national and international R&E networks. The Nevada System of Higher Education (NSHE) and the Corporation for Education Network Initiatives in California (CENIC) are working hand in hand to provide abundant WAN connectivity for SC07. The US R&E Networks which will be connected into SC07 via multiple 10 Gbps paths include: Energy Sciences Network (ESnet), Internet2 Network IP Service (formerly Abilene), and National LambdaRail (NLR) PacketNet and FrameNet. In addition, the Pacific Wave peering exchange will be extended into Reno from Sunnyvale, CA. US research & education (R&E) networks will provide transit into SC07 for the international networks with which they peer. The SC07 infrastructure will also support limited connection of individual 10 Gbps lambdas from NLR WaveNet, Internet2 Network static circuit service and CENIC.

Please contact NLR, Internet2, ESnet or CENIC directly to discuss your requirements for the use of the shared infrastructure and the availability and process for obtaining access to dedicated lambdas for SC07. And if you would like to use network resources not already listed here -- e.g. Internet2 Network dynamic circuit services or Hybrid Optical & Packet Infrastructure (HOPI) -- please contact the appropriate organization right away.

### SC07 WAN Support Contacts:

National LambdaRail (NLR) - Experiments Support Services (ESS): Bonnie Hurst, [ess@nlr.net](mailto:ess@nlr.net)

Internet2 - Matt Zekauskas, [matt@internet2.edu](mailto:matt@internet2.edu)

ESnet - Eli Dart, [dart@es.net](mailto:dart@es.net)

CENIC - Dave Reese, [dave@cenic.org](mailto:dave@cenic.org)

Pacific Wave - Jan Eveleth, [eveleth@pacificwave.net](mailto:eveleth@pacificwave.net)

The deadline for research networks and providers to request WAN circuits into the SC07 convention center is June 1st, so don't delay.