



Western Regional Network (WRN) Policy Committee Meeting

Wednesday August 8, 2012

Attendees:

Robert Aylward
Louis Fox
Gil Gonzales
Ron Johnson
Marla Meehl
Amy Philipson
Dave Reese
Pete Siemsen
Steve Smith

Absent:

Moira Gerety
Dave Lassner

1. CBREC Work Horse Network

- o Ron Hutchins proposed that CBREC take the existing NLR lambdas and interconnect the east coast segments and west coast segments
- o Could use to peer for services and intra-CBREC traffic
- o Ron J. a little worried about over use of capacity on WRN system
 - Are not over provisioned
- o Ron J. notes that distributed peering can be scary
 - Works on the west coast with good engineers that know each other well
- o Ron J. does not think these are show stoppers, just need to be aware of these issues and implement carefully, progressively, and in a limited way
- o Fall out from I2 should be manageable
- o LEARN has not formally agreed to join WRN
 - There is a router in El Paso they can connect to
 - Louis and Gil will contact LEARN about joining WRN
 - Desirable to have UT Austin connected
 - Connect in Chicago and El Paso
- o I2 WRN NSF ARI lambda agreement has not been signed by I2 with CENIC yet
- o The goal is to take non-research traffic off of I2
- o There could be VLANs for scientists that could be research
- o May be a possibility of putting one of the Level3 PoP in Texas
- o Discussion did not include ONENET joining WRN
- o Did not plan to sign formal agreement between WRN (including LEARN) and SOX
 - Handshake and engineering protocols - pilot or ad hoc
- o Hinges on LEARN joining WRN
- o Could connect SOX to El Paso and bypass LEARN as a testbed

- Amy asks if there is any other timing issues besides the I2 Chicago agreement being signed that should guide this system since LEARN could take some time to join WRN
 - What value does LEARN bring
 - Maybe multiple paths to WRN
 - Prefer to put this discussion on hold until the WRN I2 agreement is signed
 - There are no objections from WRN to the concept of pursuing the Work Horse Network pending a formal engineering review/design
 - Can pursue LEARN WRN membership separately
 - Once I2 agreement signed, will get back together for formal WRN motion to proceed on Work Horse, communicate to CBREC, and start engineering
2. **Agreed to have a meeting of WRN engineers before going forward to make sure no engineering show stoppers before including CBREC engineers**
- Pete can pull together a call including Ron J., Dave R. and WTC
 - Expanding WRN model where any member can establish VLANs to any other member
 - Would be connecting SOX and WRN and possibly LEARN if they join WRN
3. **NSF ARI**
- I2 ARI builds are not complete
 - Delay in 100G optics
 - Texas dark channel agreement signed - accepted I2 conditions
 - All Texas invoices paid