

## Connectivity Meeting

### AGENDA

August 4, 2015

#### 1. Network Services Update – Ed Anderson

##### A. 100 Gbps Backbone Upgrades

- i. The new 100 Gbps backbone has been running smoothly for approximately one month. SCS will be participating in a joint press release with Internet 2 to announce the establishment two 100 Gbps nodes in Nevada.

Jeff Wolf

- ii. UNR has been funded to replace their routers; they would like to open discussion/start planning with SCS to get a redundant 10Gbps link and get their PO for the upgrade issued.

##### B. Network Change Moratorium

- i. During the month of August, there will be a moratorium on any changes to the network, systems or applications that will or could affect service availability during the heavy network load period associated with the beginning of the Fall semester. SCS will however, make changes in rural or non core services that don't affect major customers. These issues will be handled on a case by case basis with final approval individually by Jim McKinney.

##### C. NDOT ITS Project

There were no updates to this item.

##### D. U.S. 50 Project – Greg Ebner

- i. **Splice Carson/U.S. 50 fibers** – Working with NDOT, this project longer term initiative that will improve capacity and add fiber access points along the U.S. 50 corridor and will include the initial sites of Silver Springs, Fallon, Cold Springs, Austin, Eureka and Ely. NDOT is hopeful their design will be in place and out for bid by March 2016 with construction to begin Summer of 2016. In this timeframe SCS will begin installing equipment and deploying a new system in the Summer of 2017. This will be similar to the I-80 Corridor Project and will include communication shelters, antenna towers, backup generation, and DC power.

##### E. Carson City Metro Fiber Ring Upgrades – Greg Ebner

- i. All equipment has been received. This will be installed during the last quarter of this year and the first quarter of next year, with a big rush during the break between the Fall and Spring semesters to get some or all of it in place.

- F. ITB for Annual Cisco Maintenance Contract – Ed Anderson
  - i. The material list associated with our annual Cisco Maintenance has been completed and has gone over to purchasing.
  
- G. Project Queue – Tom Nieva
  - July 2015:  
NEW – 4, COMPLETED – 7, CANCELED/DELETED – 0
  - Calendar Year to Date:  
NEW - 48, COMPLETED - 61, CANCELED/DELETED - 4, IN QUEUE - 42, ON HOLD - 12
  
- 2. iNtegrate 2 – Jim McKinney
  - i. iNtegrate 2 is moving out of design sessions and into working sessions, which will begin after the week of August 17th.
  - ii. Changes are being made to accommodate for work space needed on behalf of the consultants and visitors who will be coming in.
  - iii. Integrations and conversion meetings have started and reporting should be underway by September.
  - iv. Earlier this week it was decided we will take a look at what we want to do network wise to improve Workday functionality.
  
- 3. Systems Support Services – Pam Burns
  - A. Linux security and critical system patches were applied on July 28<sup>th</sup>. Linux operating systems will be upgraded to RHEL 7 over the next several months. We will work with individual owners of applications on each server to schedule the upgrades.
  
  - B. Monday, August 24<sup>th</sup> is the first day of classes for most of the campuses. The last day for any changes affecting Student related systems was Monday, August 3<sup>rd</sup>. Additionally, IBM has staged critical spare parts for the hardware at each Data Center and has set up an escalated response in order to quickly correct any issues during the heavy registration period.
  
  - C. SCS will continue to work on the recommendations from Internal Audit to improve the security and recoverability of critical data:
    - i. Direct logon to iNtegrate servers with a shared account has been eliminated from Shared and UNR iNtegrate systems.
    - ii. Preparations to extend passwords and limit account expirations are underway.
    - iii. 3<sup>rd</sup> quarter HA tests will be scheduled. We are working with UNLV this week to test startup and shutdown scripts in their database L-PARS.
  
  - D. The SCS Systems group has worked with IBM to identify comparable configurations on three different pSeries machine types to accommodate a

consolidation of the pSeries hardware in Reno and Las Vegas. Recommendations will be presented for the consideration and agreement of the Campus Instances.

4. Data Center Operations – Rich Ayala was not present.  
There were no updates to this item.
5. Client Services – Brian Anzalone was not present.  
There were no updates to this item.
6. Enterprise Licensing and Contracts - Chris Gaub was not present.  
There were no updates to this item.
7. System Security – Paul Mudgett was not present.  
There were no updates to this item.
8. Video Conferencing Service/Network – Dani Chandler
  - A. Bluejeans Pilot Update
    - i. There are 110 accounts out.
    - ii. The School of Medicine is looking to incorporate Bluejeans into their tele-counseling and tele-mental health sessions.
    - iii. The Blue Jeans trial has been extended for at least another 6 months. Continuation of the program may extend even longer if user demand remains high
9. Operational Issues/Events  
There were no operational issues or events discussed.
10. Other – Jeff Wolf
  - i. UNR replaced their core network last Wednesday night; this will allow them to cut down their fiber use. They have RX8 surplus equipment available.