

Connectivity Meeting

Minutes

March 3, 2015

1. Network Services Update – Ed Anderson

a. Reno-Tonopah 20 Mbps capacity upgrade (WESTNET) (Greg Ebner)

This project is on hold for the time being.

b. Pershing County School District Capacity upgrade NDOT ITS Project

The Radio is installed and operating from the middle school to the new NDOT ITS shelter. SCS is waiting for the NDOT shelters along the route to be completed. The agreement has been modified to the change in the scope of work since the inception of the contract.

c. Armagosa/Beatty capacity upgrades

The T1s have been turned down and everything is running properly on the wireless connection.

d. Carson City satellite SA office (Dani Chandler)

The office has been fully operational since mid-February.

e. 100 Gbps Backbone Upgrade (Ed Anderson & Stanton Gurr)

i. SCS Phase 1

1. Scope/Timing – SCS is planning to utilize year-end funds to replace the single 10 Gbps backbone research connection out of Reno with a 100 Gbps backbone research connection in the north and a second 100 Gbps research connection in the south. These connections will allow both northern and southern research institutions connections directly with Internet2 initially, these connections will be 10 Gbps but will be capable of future upgrade that will allow to multiple 10/40/100 Gbps research connections as the NevadaNet research traffic demand grows. This initial backbone upgrade will be in place by 6/30/15.

2. In order for NevadaNet research entities to take advantage the increase in backbone capability, the research entities will need to improve their internal capability as well. SCS is collaborating with the research entities in the preparation of a multi year NSF grant that will help fund some of the improvements needed at the individual institution level. This grant funding, if approved, will build out the SCS backbone between Reno and Las Vegas and support high speeds for the institutions in the future. This includes the provision of science DMZs for each institution and

perhaps a data transfer node based on the need of the research functionality moving forward. SCS will end a long term association with CENIC, disconnecting from them and connecting directly to I-2. As stated, the completion of the first phase of this project is projected for July 1, 2015. Kirk Fitzgerald and Stanton Gurr have started speaking with the different representatives at each institution about this project to discuss both backbone and institutional requirements to that a coordinated and comprehensive implementation plan can be developed. SCS will keep the Connectivity group informed as this series of projects moves forward.

f. Project Queue (Tom Nieva)

NEW - 6, **COMPLETED** -14, **CANCELED/DELETED** – 1, **IN QUEUE**- 58, **ON HOLD** – 12

2. iNtegrate 2 Update – (Jim McKinney-Absent)

No update at this time.

3. Systems Support Services – (Pam Burns)

- a. The hardware upgrades to the new mainframe systems were completed. The DR system was replaced in January and the Production HRMS/Advantage Financial system was completed in February. The operating and product software was also brought up to current levels.
- b. Internal Audit is finishing writing up the audit findings and should have a report to us in the next couple of weeks. System Support Services will notify the appropriate group at each campus with audit findings that need to be addressed at the campus level.
- c. SSS has tested AIX 7.1 on systems and are staging the migration of all AIX Lpars in order to maintain compatibility between AIX and HA. Pam will send more information to the System leads for Shared, UNLV, and UNR within the next few days so SSS may work with you to schedule the AIX migrations and power HA upgrades.
- d. Red Hat has released several critical security patches. SSS has scheduled the application of patches to all Linux systems during the standard patch window on Tuesday, March 10, 2015.

4. Data Center Operations – (Rich Ayala)

- a. The heat pump project is in full swing. Work replacement is scheduled to begin March 10th through the end of March. Installation will take place during the evenings from 5:00pm until 2:00am or up to 7:00am. All of the replaced units will be up and operating before the beginning of the business day so as not to interfere with normal business hours.

desktops. During the meetings, the campuses determined who will represent each campus in training for this video conferencing program that will be used to enhance the video conferencing already being utilized. Every campus, and group within the system, would like to participate in testing this product for the next six months. Each campus will have a designated Blue Jeans representative for support in rolling out this latest addition to video conferencing. At the end of the six month trial period, SCS will receive feedback and decide whether or not this is a service that would be beneficial to the institutions.

9. New Technologies – All

a. Cisco Total Care – (Ed Anderson)

At this time, it does not appear that Cisco Total Care will be beneficial for NSHE. SCS is currently looking at other solutions.

10. Operational Issues/Events

11. Other