Network Projects Review—Ed Anderson (SCS)

**Core Router Replacement**
SCS is replacing four system core routers at the SCS data centers and the PoPs—two in the North and two in the South. The equipment has arrived, and we are bench testing it and proofing out the design philosophy. We are on track for an install around the end of May, between the spring semester and summer session.

**Pahrump DS3**
A new DS3 has been installed in Pahrump to replace a total of 5 T1s that were there before. Since the installation, traffic has jumped 60% to 70% of capacity. Since SCS does not have funds available to purchase an additional DS3, there may be a need to exercise traffic control or seek out other remedies.

**TC Reliance Upgrade**
SCS recently upgraded the TC Reliance video scheduling software package to a newer version. Overall, the upgrade went well. Enhancements include screens that are more consolidated. It is no longer necessary to go to multiple screens when scheduling. All schedulers have now been trained in the new version.

**Reno Data Center 6500 Switch Redundancy**
The redundant switches were installed some time ago, but we are now making the redundant connections to those switches and to the servers that connect to them. This work was originally scheduled for this week, but due to shipping delays of material, it has been postponed for one to two weeks. It should be a transparent connection, and there should not be any outages. We will notify you on the specific date and times.

**NV Energy Jumper Move @ 200 S. Virginia St**
When our PoP location at 200 S. Virginia was originally built, AT&T brought in 336 strand fiber cables—both in and out. Only 6 of the strands came into our termination rack, but all the rest of the 336 were not connected and were hanging over our rack.

NV Energy recently wanted to use some of those and requested to use our patch panel. To avoid this less than ideal situation, we had them move those fibers to a patch panel in a new location not over our rack. In the process, we had to cut our existing connections and re-splice them into the new location. There was a local equipment outage, but because we had alternate route capability, there were no service-affecting outages.
Project/Request Summary (as of the end of December)
In December, we had 6 new Network project requests, and 120 project requests year-to-date. We also completed 16 projects in December, and have completed 144 projects year-to-date. There are currently 54 projects in the cue, with 26 of those on hold by the customer for one reason or another.

Information and Application Services  – John Tully (SCS)

It has been fairly quiet with HR activity having finished with the year-end. New classes will be starting at UNLV on Jan. 12. A number of institutions start on Jan. 20, and two community colleges start on Jan. 24. As a result, we expect activity across the network to increase from the 12th through the 24th. We will add capacity on demand for the enterprise server, Bighorn, to help with the anticipated load increase with the start of classes at CSN and UNR on the 20th and 21st.

Regarding iNtegrate, our CCI consultants are working on plans to be able to clone instances in the application installs across all of the logical servers that are being put up.

Systems Support Services  – Chris Gaub (SCS)

Over the holiday break, we did a couple of things dealing with security related issues. We removed the entire social security number from SWAMI. So when new accounts are created for students, we no longer rely upon a whole or partial social security number. Also, the ability to enter a social security number on the SWAMI pages has been removed. Additionally, one of the tools that security administrators used when a user called in with a user ID password issue on RACF, was to ask the employee for the last four digits of their social security number. We have removed the last four digits of the social security number from the RACF database and replaced them with month and date of birth.

On the iNtegrate side of things, the implementation of the system images continues. It is being done because CCI, our implementation consultant, needs the environments. This will be an ongoing process for many months.

We are planning to install a new version of CICS, so that our transaction processing environment is under maintenance with IBM, and we are also preparing to do the periodic application maintenance to ZOS, the operating system on the IBM mainframes. We are also preparing to turn on capacity on demand after the beginning of the spring semester.
Client Services/System wide Software  – Susan Bunyan (SCS)

Software licensing activity is quiet right now. We will gear up again at the end of January. After IPEDs come in, we will be looking to everybody to report their FTE for the Microsoft campus agreement contract. The renewal for that contract is January 28th. In the past NSHE campuses have all had to get the same suite of desktop and operating system, but this time you will be able to choose only the products you want for your campus. Microsoft may bill the campuses directly this time, but you will still get the NSHE discount. The Microsoft campus agreement contract will start the cycle for next year of all the software renewals through June, with the big crunch coming in July.

We also upgraded TC Reliance to the most recent version, and it is operating well. The new program is easier to use and does not have as many pages to go through. Just looking up a schedule is much easier and more user friendly.

System Security – Paul Mudgett (SCS)

As Chris Gaub reported, social security numbers have been removed from SWAMI and RACF, which was a major deal for us.

There is no new activity with the Security Interest Group for now. We will send messages out to the group about anything upcoming.

We are in the process of replacing our client based IPSEC guest VPN with SSL based VPN for both our iNtegrate site and the SCS side of the house. That is starting right away, so we will have a more complete report on that by the time we meet again in the March/April time frame.

Operational Issues/Events- All

None offered.

Other Issues

It was announced that there will not be a Connectivity Meeting in February due to the Net@EDU/StateNets conference in Tempe. The next meeting will be held on March 3, 2009 at the regular time of 9:00 and in the regular video locations.