

Connectivity Committee Meeting

MINUTES

September 6, 2016

1. Network Services Update – Tom Nieva

T. Nieva thanked everyone that attended Ed Anderson's retirement party last week. T. Nieva will now be the Chairman of the Connectivity Meeting.

a. Fall Registration Moratorium – Tom Nieva

The temporary freeze to prohibit system changes to production application services was ended as of September 2, 2016. There were no major incidents.

b. Reno Load Balancer Issue – Tom Nieva

Work had not begun on the UNR load balancer because of the temporary freeze to changes in the production area. UNR will still be coordinating with Jim McKinney to get this taken care of.

c. AT&T Reimbursement Agreement – Greg Ebner

NDOT and NSHE are working together to get enhanced services along the Hwy 50 corridor. NDOT is building some sites and we will be populating them with equipment. As the Customer of Record, NSHE has to interphase with AT&T to get work done for the attachment points that are being added. G. Ebner has been working with the outside plant engineer to develop the cost to break out the fiber locations and prep them. NSHE has received the final price and has sent the invoice to NDOT for payment. Once payment is received, AT&T will go out and do the fiber splicing.

d. Switch/NBN Contracts – Greg Ebner

Switch has taken over Nevada Broadband Networks to provide services to three rural hospitals in Northern Nevada (Lovelock, Ely, and Elko). In all three locations they will be tied back to state infrastructure. Lovelock has all permitting and should start construction next month. Elko has identified their path and Ely is still working on the process.

e. NS Staffing Levels – Tom Nieva

Network Services posted 2 new positions. One position is for a Network Engineer and the other is for an Audio Visual Network Administrator. Both will be located in Las Vegas. We hope to begin the interviewing process next week with a hire date of Oct 1, 2016.

2. iNtegrate 2 Update/ – Jim McKinney

No update given at this time.

3. Systems Support Services – Pam Burns

We will begin submitting for changes starting next Tuesday. Critical security patches to will be applied to the Linux system.

There are some firmware upgrades that need to be done, which are non-disruptive
We have an AIX operating system upgrade from 7.1 to 7.2 that will be disruptive so we will be notifying everyone about the scheduled upgrade time and date.

The first day of classes with the new registration system in place and all went well. We had installed additional CPU's so that high water mark was turned on but not needed.

Standard maintenance items are always being worked on.

4. Client Services – Brian Anzalone

The meet and greets with the Chancellor went well. We will be working with Pam to plan the migrations for EPSCoR sites for the sponsored products. A lot of sites have been hosted externally and we are working on getting them standardized and in house. We are anticipating the completion of this by Dec/Jan.

5. Data Center Operations – Rich Ayala

In the Reno office we are working on getting UPS-B done this year and hopefully by December. The funding was approved and drawings are being done now. It will then need to be submitted for bid in order to move forward. Installation does not look like we would need any outage in order to complete. However, we will have to isolate systems.

In the Las Vegas office we have a few projects going on at the same time in the computer room. We purchased a return system and it has been installed. We have also received approval to purchase a replacement CRAC unit for number one. Some of these units are hitting the 15-20 year age and need to be replaced. When this is done, three of the four in the computers in the computer room will be new units. Afterwards, we will be able to set up a communication system in order to work together. The installation of tiles that allow us to use the overturn flow system has been completed. We are slowly working on gaining more efficiency of the cooling system. The electric bill has been reduced as well as the carbon footprint. We will continue to benchmark the improvements.

6. Enterprise Licensing and Contracts – Chris Gaub

No update given at this time.

7. System Security – Paul Mudgett

With students back on campus the copyright infringement rules need to be re-addressed. REN-ISAC reports have been sent to the campuses compromised systems, the last couple being compromised credentials on campuses. Bob Moulton asked what the follow-up procedure was for these items. Paul responded that campuses have the accountability for this process. REN-ISAC will send repeated notices out if the item is continuous.

8. Video Conferencing Service/Network – Dani Chandler

No update given at this time.

9. Operational Issues/Events

a. Paul Mudgett stated that we have had several substantial denials of service attacks. The big one was a couple weeks ago on August 14th, which was Saturday night around 9:30 PM, lasting 15-20 minutes, that effected 24.5 Gig. The DDoS was an attack of the WNC.edu website. It used EDU port 80, which flooded the network and prevented access to other services. Just fewer than 900 hosts were used in the attack. There also was a small threat against the Washoe County School district which was 3 Gig, but was handled without a problem.

b. Tom Nieva brought up that at the last connectivity meeting a question was asked in regards to the future of the Connectivity Group and if the committee members were still getting value from these meetings. It was decided that it is of value and will continue. However, it was also decided that the Connectivity Meeting would meeting quarterly versus monthly. Quarterly meetings will be held March/June/Sept/December, while allowing the first Tuesday of the month time slot availability in case of items needing action. The next meeting will be held in December. This change will be implemented effective immediately.

c. Bill Dipple of DRI reported that Ryan Koontz was promoted to Networking Manager at DRI and will plan on attending this meeting regularly.

10. Other Issues

None offered. Meeting adjourned 9:30 a.m.