

Proposed Memorial Weekend (5/23 – 5/26) UNR Network Reconfiguration

Executive Summary

UNR IT is proposing to use the Memorial weekend to upgrade our data center routers. There will be periods of different service outages during this time.

Goal

This work is the final phase of a network upgrade project that was funded through the Budget office. UNR's data center routers are being refreshed, as well as increasing capacity and ports for anticipated future growth. Extensive testing has been performed since March. The upgraded network will provide the capability for a highly redundant infrastructure that could reduce or eliminate the need for campus wide outages in the future.

Risks

1. Time is chosen as it is a holiday weekend and in between two semesters. But there might be business units that can not sustain the outage window. If a later date is desired, it is likely to be pushed into the end of calendar year.
2. Vendor support is limited due to the holidays.
3. Various checkpoints leading up to the final May 9th "go/no go" decision have been completed – minimal risks.
4. Milestones and back out procedures for the actual upgrade work have been established and will be used should situations warrant so.
5. Communication to whole campus will start end of week of 5/5.

Communication -- Prior

1. Weekly reminders in IT-Announce and IT-Alerts
2. Various governance and leadership meetings
3. Informal group meetings
4. A week prior and a day before via Provost mailing list.
5. Notices will be posted on MyNevada and WebCampus front pages.
6. Specific communication to UNSOM and ICS thru Dean's office.

Communication -- During

1. Hourly status will be posted on www.status.unr.edu.
2. Changes to the schedule will be communicated to senior leadership.

Communication -- After

1. Final status will be posted on www.unr.edu/IT and via IT-Announce.

2. Communication with individual users, if necessary, will be done privately.

Schedule

Friday May 23rd - 7-10pm

*****All campus level services including UNSOM EMR and Clinics will be offline*****

1. www.unr.edu will be redirected to the emergency website with a temporary “unavailable” page for the duration.

-Saturday May 24th – 8-10am

*****PCI systems, firewalls, and academic cloud services (ACS) are unavailable*****

*****Rest of campus services, including UNSOM will not see any outages*****

-Saturday May 24th – 10am-1pm – KC Data Center Focused

*****All following services are offline*****

1. Active Directory/NetID
2. DNS/DHCP
3. Exchange Email (outlook/owa)
4. WebCampus

*****Rest of campus services including UNSOM will see intermittent disruptions*****

-Saturday May 24th – 1pm- Completion -- KC Data Center Focused

*****All remaining services hosted in KC data center will go offline, such as:*****

1. CAIS
2. Datawarehouse/Oracle
3. Nolij

*****All other non-KC hosted services, including Med centers will be available*****

-Sunday May 25th – 8am-Completion – CS Data Center Focused

*****All services hosted in CS data center will go offline, such as*****

1. High performance Computing
2. File Storage
3. MSSQL databases
4. All 3rd party solutions

*****All services hosted in KC and Med centers will be available*****

-Monday May 26th – All Day

*****All services and UNSOM should be available, staff will be cleaning up*****