



Architecture & New Technology Committee

January 22, 2017

Eccles Broadcast Center, Dumke room

Agenda

1. Campuswide IT training task force or subcommittee
2. Software Anywhere follow-up
3. Anycast DNS
4. Uconnect using RFC 1918 space
5. Facilities' utility meter project
6. Active directory standards report
7. Open floor
8. Adjourn

1. Campuswide IT training task force or subcommittee

Chief Information Officer Steve Hess will discuss the creation of a group to gather data and offer input on the Deloitte study recommendation of [building a unified IT training program](#).

2. Software Anywhere follow-up

The SITC has asked ANTC to reconvene a group to discuss the path forward for following through on the [recommendations that came out of the Software Anywhere task force](#).

3. Anycast DNS

Anycast is now live and in use on general purpose Uconnect and all UIT-maintained networks using DHCP. At the February IT Professionals meeting, Trevor Long will be bringing the IT pros up to speed on the improved DNS service.

Long will request that all IT people in charge of systems with statically assigned DNS servers change to the new Anycast address by July 31, 2018. At that point, UIT will decommission the existing DNS server addresses.

4. UConnect using RFC 1918 space

UIT would like to use RFC 1918 (e.g. private) IP space for the general purpose Uconnect pool. This effort is to alleviate the growing demand on our wireless infrastructure. The university is running out of public addresses, which are a finite resource.

Additionally, a network best practice is to use RFC 1918 IP space for this kind of network. Trevor Long will propose making this switch before the start of Fall semester 2018 — specifically, July 9 (Monday) — to allow for time to work out any unforeseen issues before the semester starts.

5. Facilities' utility meter project

Chris Benson of Facilities Management will discuss the campus utility metering project. He will talk about:

1. History & purpose of metering
2. Metering network architecture and data modeling
3. Lessons learned: tech issues and how the approach has changed
4. Current status and what's next
5. How data is currently being utilized
6. How ANTC can help continued progress

[Slides for the presentation can be found on Box.](#)

6. Active Directory standards report

UIT's Dave Huth will give a brief advisory of an audit report coming out of a Microsoft review that likely will have implications for campus Active Directory standards. The report is expected before the February ANTC.

7. Open floor

Any issues that need to be discussed here publicly before we next meet?