INFORMATION TECHNOLOGY
THE UNIVERSITY OF UTAH

Details re: 7/9/18 UConnect migration to private IP space; please substitute old IP ranges with new ranges if needed

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On June 5, 2018, we asked the U's IT community to help test general UConnect as part of a 30-day pilot of general UConnect subnets on private RFC 1918 IP space prior to the planned **July 9, 2018** migration**.** The pilot, which included select UIT departments in collaboration with the U's broader IT community, was successfully completed. Accordingly, **starting at 6:00 a.m. on July 9**, general UConnect will run in an IPv4/IPv6 dual stack configuration. No downtime is anticipated in association with this change.

If you manage Access Control Lists (ACLs) or firewall rules that are currently permitting the old blocks of addresses, and you have not yet permitted the new address blocks, access could be denied after 6:00 a.m. on 7/9. Please check any firewall/ACL rules that you administer and substitute the new IP ranges for the old IP ranges before the change date.

Campus General UConnect address pools being changed:

128.110.12.0/22	128.110.84.0/22	155.99.184.0/22
128.110.16.0/22	128.110.88.0/22	155.99.188.0/22
128.110.20.0/22	128.110.92.0/22	155.99.196.0/22
128.110.232.0/22	155.99.104.0/22	155.99.200.0/22
128.110.236.0/22	155.99.108.0/22	155.99.204.0/22
128.110.24.0/22	155.99.12.0/22	155.99.208.0/22
128.110.240.0/22	155.99.148.0/22	155.99.212.0/22
128.110.28.0/22	155.99.152.0/22	155.99.216.0/22
128.110.36.0/22	155.99.16.0/22	155.99.220.0/22
128.110.4.0/22	155.99.160.0/22	155.99.224.0/22
128.110.64.0/22	155.99.164.0/22	155.99.228.0/22
128.110.68.0/22	155.99.168.0/22	155.99.24.0/22
128.110.72.0/22	155.99.172.0/22	155.99.8.0/22
128.110.76.0/22	155.99.176.0/22	155.99.88.0/22
128.110.80.0/22	155.99.180.0/22	155.99.92.0/22

Networks *not* being changed:

- Departmental UConnect
- Clinical UConnect
- Other wireless networks (ULink, UGuest, eduroam, etc.)

New address blocks:

New IPv4 Private Address Blocks

- 10.16.0.0/12
- 10.32.0.0/12

New IPv6 Address Block

- 2604:c340:ac::/48

While no issues are expected with this change, should problems arise, your local IT support staff may be able to assist, or you may contact your respective help desk: UIT Help Desk at 801-581-4000, option 1; ITS Service Desk at 801-587-6000.

This change allows the University of Utah to continue to meet the growing reliability and scalability demands associated with increasing mobile device use on campus.

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Note: This change was presented at an IT Professionals Forum meeting, and reviewed and approved by the university's Strategic Information Technology Committee (SITC) and Architecture and New Technology Committee (ANTC).

Node 4 story idea? Email us: stratcomm@it.utah.edu

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