



Anycast DNS service available; current DNS IP addresses to be retired 2018/07/31

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The University of Utah is making its Domain Name System (DNS) service more robust with a technology called Anycast. The Anycast IP address **172.20.120.20** is now available for U organizations to use, and several university organizations have already switched.

We request that IT administrators begin testing the IP address **172.20.120.20** soon to identify and resolve possible issues they may have, and migrate well in advance of July 31, 2018.

After July 31, 2018, **172.20.120.20** will be the only IP address providing UIT DNS services, and DNS services will be retired from these IP addresses:

- Campus: 155.97.136.200, 155.101.246.200
- Hospital: 155.100.144.200, 155.100.69.200, 155.100.108.5, 155.100.69.3

Users and clients not pointing to the new DNS Anycast address as their DNS server will lose functionality after July 31. External DNS architecture and functionality will not be affected. These DNS changes received approval from the university's IT [Architecture & New Technology Committee](#) on January 22, 2018.

Anycast services provide greater network reliability and redundancy for DNS. Anycast is a "shared" Internet Protocol (IP) address not local to any specific DNS server, instead allowing multiple machines to share the same IP address. When a request is sent to an Anycast IP address, routers direct it to the nearest available DNS server.

If you have any questions, or would like guidance in testing a particular system with Anycast, your local IT support staff may be able to assist, or you may contact the UIT Help Desk at 801-581-4000 option 1.



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University of Utah - UIT 102 S 200 E Ste 110
Salt Lake City, UT | 84111 US

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