

RFC1918 Address Space Use Policy

Background:

Some departmental IT groups operate private networks that do not interconnect to the UW campus. If UW-IT routes the same network on the campus network that is used by the department, confusion may result, especially if active hosts are reachable over the campus network. Campus IT administrators would like a block of RFC 1918 IPv4 space to be set aside that they know will not be routed on the UW campus.

Because of increased demands for UW-IT allocations of IPv4 space, blocks from 10.0.0.0/8 are now being utilized on the campus network. These have the potential to overlap with private networks if assignments are not coordinated.

Complete Policy Statement:

The UW-IT Network Operations Center (UW-IT NOC) will allocate private IP address space from the 10/8 RFC1918 block upon request. The standard size of an allocation will be a /20 (the equivalent of 4000 IP addresses or 16 /24 networks). If more than a /20 is needed by one organization a /16 will be allocated.

The current allocations can be found on the UW-IT Wiki:
https://wiki.cac.washington.edu/x/_30rAw

UW-IT has reserved the 10.64.0.0/16 block of IPv4 space for the use of campus departments when coordination is not needed. UW-IT will not route any space in this block on the campus network. UW-IT does not track allocations out of this block by campus users.

In addition, UW-IT does not allocate space on the campus network out of the 192.168.0.0/16 block. Due to the popularity of this block for many applications, we do not encourage its use.

Public Policy Statement (if needed):

This complete policy as outlined above may be shared with any campus entity as needed.

Brief Description	UW-IT usage of RFC1918 address space
Current Version	2
Date Established	October 18, 2011
Date Last Revised	September 3, 2013
Date Last Reviewed	
Responsible UW-IT Group	NDT-TM