Network Update

CSCF Staff Meeting
2011-2-25

What's new with the network?

- Wireless:
  - 80% of users migrated to eduroam
  - March 1 phase-out of uw-wireless not happening, uw-wireless to be renamed to uw-unsecured
  - "XpressConnect" configuration tool renewed
  - Private AP naming convention to help distinguish bogus SSIDs

...and

- IP address space cleanup

  – Using 10.15.0.0/23 network to "park" DNS names – non-functional (not routed)

  – Stale/unused addresses cleaned up, parked in 10.15.{75,75,78,77}/24

- Usage:

Network	total	actual use	%used
129.97.74	248	29	11.6%
129.97.75	255	15	5.8%
129.97.78	255	19	7.4%
129.97.79	255	7	2.7%
total	1013	70	6.9%

So:

- 129.97.79 has seven addresses remaining:

```
129.97.79.18 ljp-maple.math
129.97.79.33 lj4-dc3546.math
129.97.79.57 mudge.cs
129.97.79.68 swag07
129.97.79.74 alg25.cs
129.97.79.149 scg19.math
129.97.79.174 ljp-dc3301.math
```

- Would like to renumber all these by March 14

Other networking notes

- NetScreen firewall at end-of-life, to be replaced with a pair of Juniper SRX
  - Under the new network-management arrangement, provided by and managed by IST
  - Day-to-day policy management to be determined, probably to be CSCF
- Campus VPN is a Cisco ASA hardware solution, to be available "soon"