

# *Network Update*

CSCF Staff Meeting  
2011-8-18

A copy of these slides is in:

<http://www.cs.uwaterloo.ca/cscf/internal/presentations/>

# *What's new with networks?*

- IP-space recovery: 75-net and 78-net
- Move from 152-net to 167-nets
- IST IPAM project
- New firewalls
- Miscellaneous

## *IP-space recovery*

- “75-net” (129.97.75.0/24):
  - Seven CS names left: lucky, coronado, lex-dc2336, scg16, graceland, merlin3, tapir-backup
- “78-net” (129.97.78.0/24):
  - Six CS names left: dbhp3, genome, bifgate, iapetus, southport, opeongo
- Would really like to get these done by the end of August.
  - I can do the network stuff if you handle the client-side and client communications

# *Move from 152-net to 167-nets*

- New DNS addresses:

mc	172.19.47.5, mc-dns-1.cs.uwaterloo.ca
mc	172.19.47.6, mc-dns-2.cs.uwaterloo.ca
dc	172.19.32.5, dc-dns-1.cs.uwaterloo.ca
dc	172.19.32.6, dc-dns-2.cs.uwaterloo.ca

- The September deadline now seems unrealistic:
  - New DNS servers not operational
  - Still 148 names in use on 152
- This makes it doubly important that we can give back 75 and 78

## *IST IPAM project*

- IPAM: IP Address Management
- Replacement for “Maintain”
- Responses to RFP have been received and are being evaluated
  - Creating short-list for detail evaluation
- Implementation by end of 2011 if all goes well

## *New firewalls*

- Long-standing plan for IST to replace our firewalls
- Would use devices currently on wireless network (wireless being upgraded)
- Many delays, looking at new year at the earliest

## *Miscellaneous*

- Reported problems with MacOS “lion” release and the campus VPN
- Working on deploying a general-purpose NAT network for use in conference rooms, ICR, etc.
- Upcoming: integration of DHCP with new inventory system