

# IX Operators Wish List

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# Current IX Hardware

- 1x Cisco WS-C3750-48TS
  - Running c3750-i9-mz.121-14.EA1
- 1x Cisco WS-C3750-24TS
  - Running c3750-i9-mz.121-14.EA1
- 1x Cisco WS-C2950T-24
  - Running c2950-i6q4l2-mz.121-22.EA1
- 4x Cisco WS-C2924-XL
  - Running c2900xl-c3h2s-mz.120-5.WC8
- Mixture of Cisco routers for different tasks, including a 7206-NPE200, 2611, various 2500's, a 3640 and a 4500.



# Current IX Hardware

- We don't push the switches very hard
- CPU load under 10% on all switches
- Backplane utilisation of below 5% on all switches
- Overall 40% of ports in use
- We have no formal maintenance or support contracts
  - Rely on good vendor relationship for assistance



# Hardware Wishes

- Dual AC power without use of external “RPS” style unit
- Ability to hot-swap power supplies
- Rapid warm booting after an software upgrade
  
- All on “Enterprise” grade switches - Many smaller exchanges do not require the port density that comes with the larger and more expensive units



# Software Wishes

- Layer3 filtering on per interface basis, while the switch is operating in layer2
- Ability to disable management interfaces on per VLAN basis
- IEEE 803.3ad link-aggregation
- Allowing use of third-party SFP modules



# Thank you

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