



LINX News

Mike Hughes, CTO

mike@linx.net

LINX™

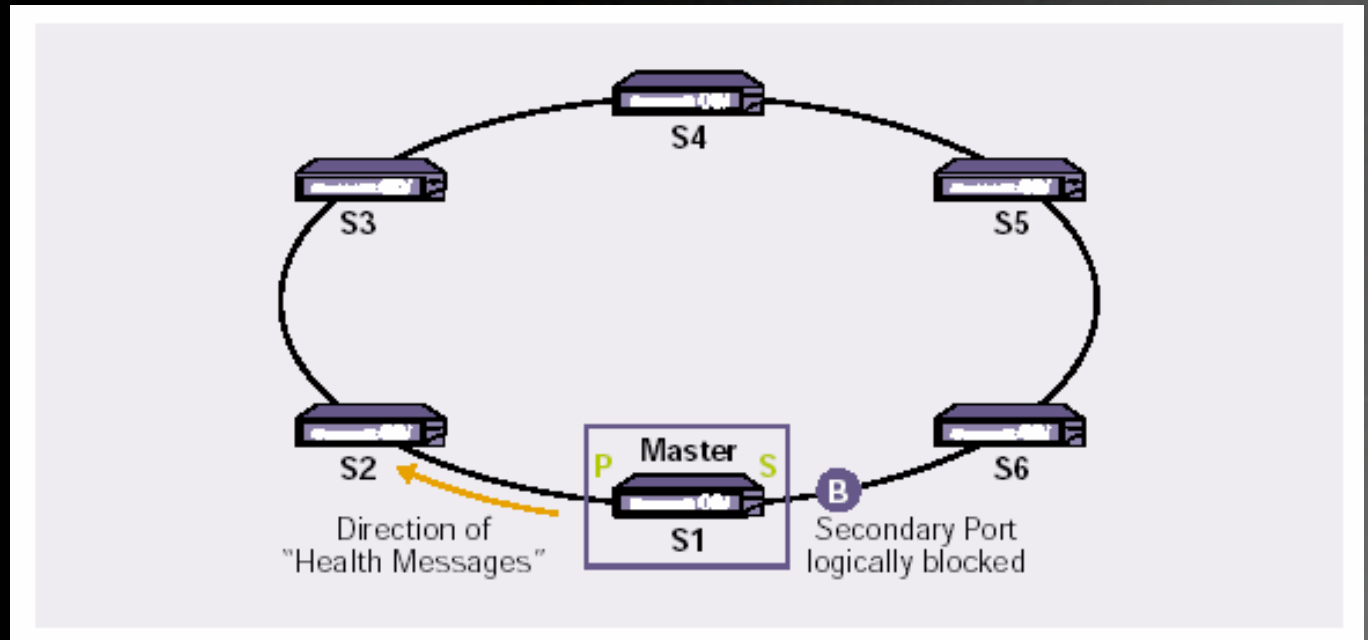
Current Status

- 34.5 Gig/sec traffic at peak
- 140 members
- Trends
 - Increase in GigE, decreasing 100M
 - Sharp increase in avg. traffic on GE late 2003
 - Still some consolidation, but strong new member prospects
 - 22 members participating in LINX managed PI

Technical News

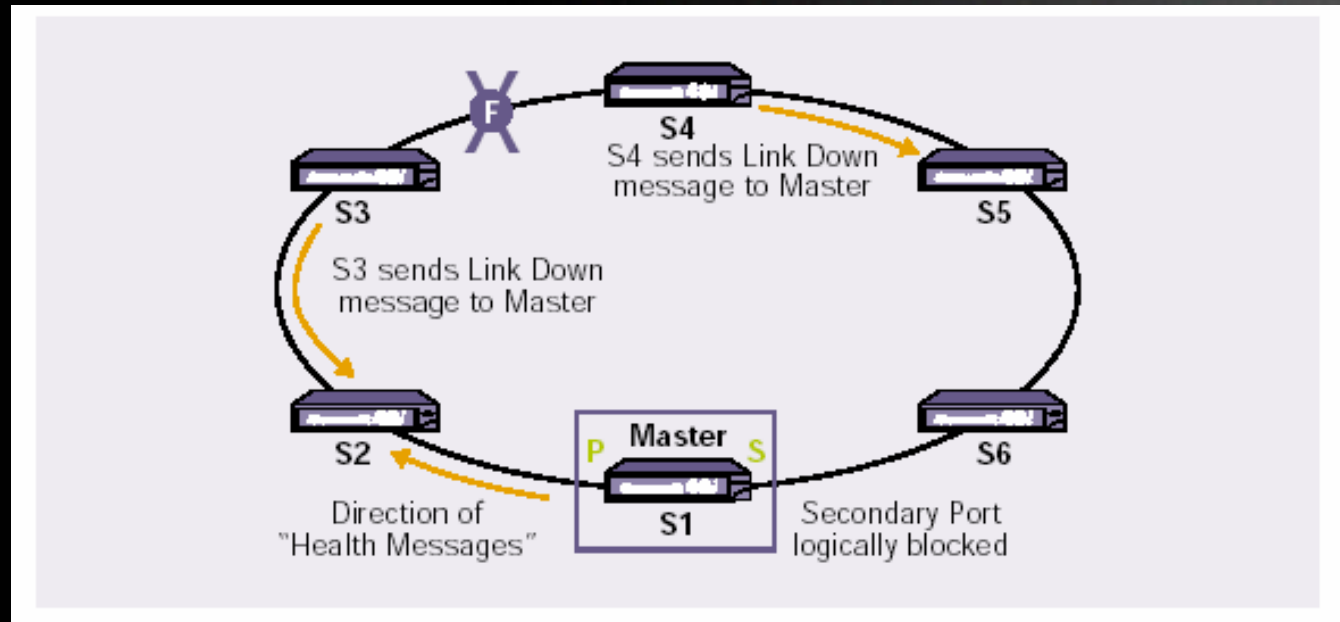
- Upgrade Extreme platform with MSM3
 - Key improvement: hitless upgrade and failover
- Now running EAPS (ring protection)
 - Details in informational RFC 3619
- First round of evaluating 10G hardware for further upgrades
 - Foundry MG8
 - Cisco CAT6509/Sup720

EAPS Operation: “Complete” State



- All VLANs blocked on B, except control
- Ring looks like a “string”

EAPS Operation: "Failed" State



- Link state change on ring causes FDB flush
- Master unblocks 2nd port

10GE Native Platform

- LINX participants want the ability to attach natively at 10GE, or use bundled GE
- Want integration with the same platform
 - Members said: “Don’t build ‘extra’ exchanges”
 - New needs to integrate properly with existing
- Model is add two new big switches, upgrade existing hardware too
 - 10GE directly to new switches
 - 10/100/1000/nx1000 elsewhere

“LINX from Anywhere”

- This is an initiative to organise marketing efforts with draft-martini ethernet carriers, and mitigate any technical hazards
- Link up prospects who don't want to fully build out into London with a suitable carrier
- Currently 7 carriers, covering 33 countries

<http://www.linx.net/joining/linx-anywhere/>