NANOG Server Update

NANOG 41 Community Meeting
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Background

- Merit currently hosts NANOG web, mail, and RealMedia servers
- Servers are part of a shared environment
- The shared mail server has had issues with volume of NANOG mail at times
- Merit is currently in midst of technology refresh from Sun to Intel based servers
- Web server refreshed. Mail, Real still Sun
New Servers

• Two Intel-based servers donated for dedicated NANOG use (thanks Randy)
• Allows more control; new services
• Xeon/Dual 2.13GHz, 2GB, 600GB raided disk running FreeBSD 6.2
• One server used for mailing lists; Second for Web, video archives, PC/SC support
• Will backup each other for redundancy
Mail Server

• Will run MailMan/Exim for list management/delivery. Replaces current Majordomo/Postfix based system
• Have moved nanog-eng support list
• Will be moving other support lists and main NANOG list shortly
• Still looking at Web archival interfaces (still archived on Merit server for now)
Web/Video Server

- Server ready, but currently redesigning the NANOG website
- Will move to new server when redesign is completed
- Working with Steve Feldman on moving PC nanogpc.org site over
- Web server will host archived Real videos via HTTP instead of via Real Server
Issues

• Serving Real videos via http seems to cause seeking issues with older streams (also lose adaptive bandwidth)

• Should Merit re-encode old Real videos to a standard format (MPG4/H.264)?

• What other services could be provided?
  – Community Wiki (currently on Cluepon)?
  – Slashcode-based forum?