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?