



Network-Centric Performance Management : So Near and Yet So Far?

NANOG56 Panel

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Intro

- Talk about typical content provider network tools
- Talk about requirements of monitoring and NetMGMT from an application perspective (What is asked of the network?)

Challenges in General

- Talk about inheriting legacy off-the-shelf tools
- Talk about the challenges in scaling polling of devices (losing a lot of accuracy e.g. RRD based)
- Requirements it imposes on switch/routers and/or appliances

Grid Computing & Network SLAs

- Talk about how Grid Computing works at LinkedIn
- Talk about large data transfers between sites and SLA's needed across operators to support that

Grid Computing – System Limitations!

- Pushing 10G blows a line card?
- Talk about subscription on line cards and challenges in a shared environment
- Guidance to system vendors on what OTT operators need for performance monitoring
- Ideas for what this means for relationships with upstream and downstream providers

Line Card Subscription Challenges

- Talk about challenges from a content providers perspective
- Need for an automated tool to help with subscription management
- Guidance for software providers and/or system vendors

Key Takeaways for Eco-System Players

- Inputs for system vendors – requirements from polling and monitoring needs
- Inputs for software providers – requirements emerging from performance mgt. needs
- Share what other operators can learn from LinkedIn's experience