

# Overview: Active Network Management

LTS/UMIACS Review

February 15, 2005

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# Active Network Management

- Project origin: MENTER

  - MPLS Event Notification Traffic Engineering and Restoration

  - LTS-UMD-NIST Collaboration (with ARDA support)

- Network Monitoring and Event Transport

  - Application: Mitigation of distributed denial of service attacks

- Traffic Engineering for IP and MPLS

  - Unicast traffic load balancing

  - Multicast traffic load balancing

  - Differentiated service via selective overprovisioning

- Traffic Engineering for MPLS/WDM

  - Quasi-static traffic engineering

  - Dynamic traffic engineering

- Prevention of BGP Instabilities