“HANDS-ON VLABS: PERFSONAR MONITORING AND DEBUGGING DASHBOARD”

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LAB SERIES: PERFSONAR
Organization of Lab Manuals

• Each lab starts with a section *Overview*
  ➢ Objectives
  ➢ Lab topology
  ➢ Lab settings: passwords, device names
  ➢ Roadmap: organization of the lab

• *Section 1*
  ➢ Background information of the topic being covered (e.g., fundamentals of TCP congestion control)
  ➢ Section 1 is optional (i.e., the reader can skip this section and move to lab directions)

• *Section 2… n*
  ➢ Step-by-step directions
Lab Series: PERFSONAR

- Lab 1: Configuring Administrative Information Using perfSONAR Toolkit GUI
- Lab 2: PerfSONAR Metrics and Tools
- Lab 3: Configuring Regular Tests Using perfSONAR GUI
- Lab 4: Configuring Regular Tests Using pScheduler CLI Part I
- Lab 5: Configuring Regular Tests Using pScheduler CLI Part II
- Lab 6: Bandwidth-delay Product and TCP Buffer Size
- Lab 7: Configuring Regular Tests Using a pSConfig Template
- Lab 8: perfSONAR Monitoring and Debugging Dashboard
- Lab 9: pSConfig Web Administrator
- Lab 10: Configuring pScheduler Limits
LAB 8: PERFSONAR MONITORING AND DEBUGGING DASHBOARD (MADDASH)
Lab 8 Topology

- MaDDash collects and presents two-dimensional monitoring data as a set of grids referred to as a dashboard.