

SNMP Based for Ease of Integration

FEATURES

Standards based SNMP monitoring.

Monitoring by transport.

Support for turn-key management station (DartWare InterMapper) or your own SNMP station.

Traps, alerts, and warning thresholds can be set to identify messaging issues before they cause loss and to isolate application issues.

Transparent monitoring for your messaging applications.

Notification when links go down.

Traffic statistics gathered on a per-transport and per-machine basis.

Automatically creates topology map of network, both machines and applications.

29West Monitoring Options

- [Passive monitoring via Wireshark®](#)
- [Direct API calls to gather statistics](#)
- [Aggregated statistics pushed to a central collection point for all nodes.](#)
- [SNMP Monitoring Agent](#)
- [Leverage your current SNMP display tool or the 29West integrated InterMapper display.](#)

BENEFITS

- Messaging applications can be tied into existing SNMP management framework.
- Issues identified early, before they lead to loss.
- Latency can be identified before it becomes to apparent to user applications.
- Identifies network issues such as flooded switch ports and ethernet buffer overflows with graphical tools.
- Self-diagnosis of issues with transport allocations over topic space.
- Extensible probes to create customer-defined calculations that can trigger traps based on user/application needs.

SEEING IS BELIEVING

Ask for your software evaluation today!

If you are looking for a competitive advantage in the market, try 29West Messaging and Monitoring in your environment and measure the performance gains it will deliver for you. For more information or evaluation software, contact us:

email: info@29West.com

phone: +1.630.836.2990 US
+44.207.763.7001 UK
+81.(0)3.6860.4692 Tokyo

Or visit us on the web at
www.29West.com

SNMP Monitoring

Graphic Display of Your Environment

VIEW TRAFFIC & LOSS STATISTICS PER TRANSPORT

alpha

Device Status
 Name: alpha
 DNS Name: (DNS monitor disabled)
 Address: 172.16.235.3
 Status: UP
 Probe: 29West LBT-RM Source SNMP probe (port 11161 SNMPv2c)
 Up Time: n/a
 Availability: 100 % (of 17 minutes, 2 seconds)
 Packet Loss: 0.0 % (of 1522 total attempts)
 Short-term Packet Loss: 0.0 % (of 100 last attempts) [Reset]
 Recent Loss: None
 Round-trip time: 0 msec

Per-transport statistics
[View the LBT-RM Source Table](#)

Aggregate statistics
 Total transports:1
 Datagrams sent:706367, 874/sec
 706.367Ki,0.874Ki/sec
 Bytes sent:40262919, 49852/sec
 39319.257KB,48.684KB/sec
 NAK packets received:3, 0/sec
 NAKs received:10, 0/sec
 NAKs ignored:0
 shed:0

Source Table

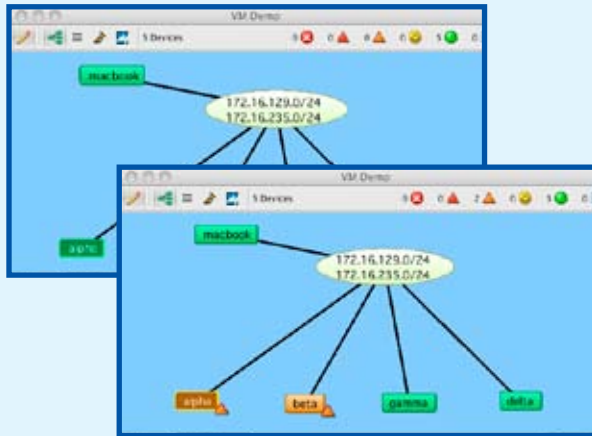
beta

Device Status
 Name: beta
 DNS Name: (DNS monitor disabled)
 Address: 172.16.235.4
 Status: UP
 Probe: 29West LBT-RM Receiver SNMP probe (port 11161 SNMPv2c)
 Up Time: n/a
 Availability: 100 % (of 19 minutes, 6 seconds)
 Packet Loss: 0.0 % (of 3931 total attempts)
 Short-term Packet Loss: 0.0 % (of 100 last attempts) [Reset]
 Recent Loss: None
 Round-trip time: 0 msec

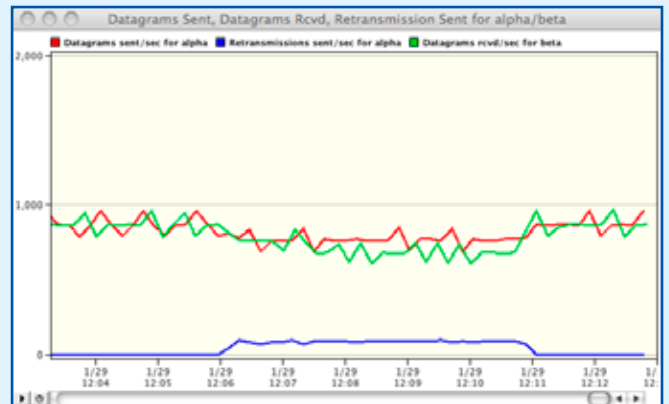
Per-transport statistics
[View the LBT-RM Receiver Table](#)

Aggregate statistics
 Total transports:1
 Datagrams rcvd:810165, 877/sec
 810.165Ki,0.877Ki/sec
 Bytes rcvd:46179405, 50034BPS
 45097.075K,48.861KBPS
 NAK packets sent:0, 0/sec
 NAKs sent:0, 0/sec
 Lost:0
 NCFs received, ignored:0

Receiver Table



Color graphic alert when packet loss exceeds set threshold, flags recovery latency issues



Customize Frequency Views

Chicago
 29W110 Butterfield Road
 Suite 306
 Warrenville, IL 60555
 +1.630.836.2990
 Fax: +1.630.836.7508
 www.29West.com

New York
 One Liberty Plaza
 23rd Floor
 New York, NY 10006
 +1.212.835.9485

London
 2 Finch Lane
 EC3V 3NA
 London
 +44.207.763.7001

Tokyo
 12th Floor Yurakucho ITOCiA
 2-7-1 Yurakucho Chiyoda-ku
 Tokyo 100-0006
 Japan
 +81.(0)3.6860.4692

CHICAGO • NEW YORK • LONDON • TOKYO