



WaveWatch-wan

Wide Area Network Monitoring

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Network Health Check

WaveWatch-wan is an enterprise-class network (WAN) monitoring solution designed to provide real-time information on network performance and availability. WaveWatch-wan utilises the Simple Network Management Protocol (SNMP) to provide a comprehensive 'network health check' capable of determining the availability and performance of edge routers.

WaveWatch-wan is delivered fully configured on a resilient high-end server that sits on the customer LAN and is remotely managed by Waveworks' NOC via a dedicated ADSL link. A custom configuration is designed around the customer with real-time network statistics through an easy-to-use web interface. Initial training and support is provided demonstrating how WaveWatch-wan will benefit your organisation's knowledge and control of the network.

Core Monitoring

The core functionality of WaveWatch-wan is designed to provide performance and availability information about your edge routers. Each network device monitored is checked every two minutes for response time, bandwidth utilisation and availability. All status information is recorded into a database which is only accessible via a secure web interface. From the interface, network administrators can review the current status of their network through the use of real-time interactive performance charts, availability reports and tabular displays.

The array of information available allows end-users to perform trend analysis, performance reviews and historical comparisons on up to a year's worth of data - an essential part in highlighting potential network weaknesses and planning for future expansion within your IT infrastructure.

Alerts

The WaveWatch-wanpro is an enhanced service providing the added benefit of instant alerts that inform you of network problems before your clients, end-users or managers do. When problems are encountered, the system highlights them in the web interface with an instant notification detailing the device and problem. This automatically generates an alert which is sent out to nominated customer contacts via email and/or SMS as required. A full history of events is stored in the system along with an audit log of who received the alerts and through which media.

Key Features

- ▶ Dynamic web interface for viewing statistics.
- ▶ Instant alerts on interface and via email and/or SMS.
- ▶ Historical event log - 365 day history.
- ▶ Support of SNMP v1,2,3.
- ▶ Analysis of daily/monthly/yearly statistics.
- ▶ Fully compatible with most network hardware including: Cisco, Juniper, 3COM, Nortel.
- ▶ Fully managed solution.

Products & Services

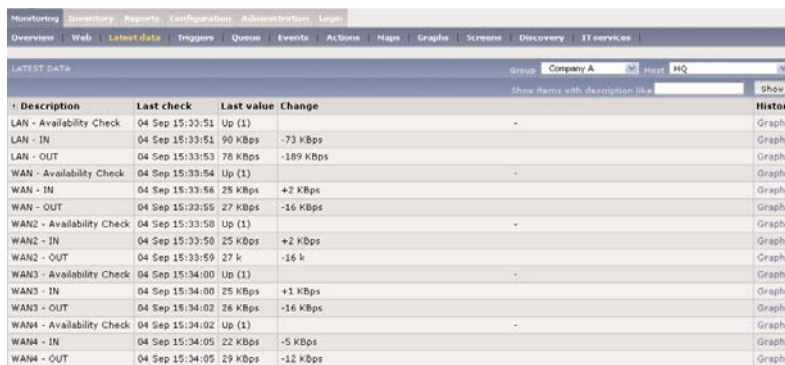
Sample Screens

Report - availability



Name	True	False	Unknown	Graph
LAN - Failure	0.0065%	99.3608%	0.6324%	Show
WAN - Failure	0.0000%	99.3589%	0.6411%	Show
WAN2 - Failure	0.0346%	99.3210%	0.6444%	Show
WAN3 - Failure	0.0535%	99.3022%	0.6442%	Show
WAN4 - Failure	0.0117%	99.3441%	0.6442%	Show

Latest Data - performance

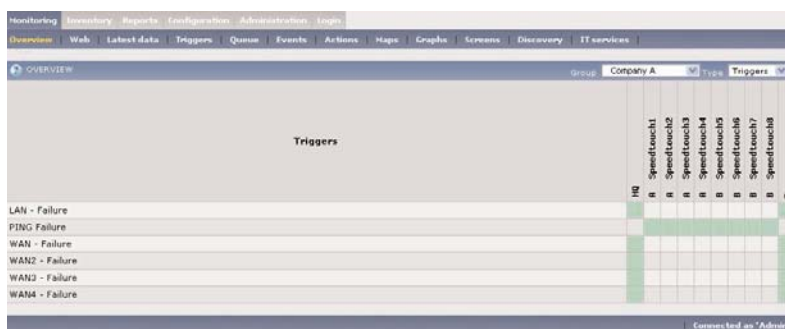


Description	Last check	Last value	Change	History
LAN - Availability Check	04 Sep 15:33:51	Up (1)	-	Graph
LAN - IN	04 Sep 15:33:51	90 KBps	-73 KBps	Graph
LAN - OUT	04 Sep 15:33:53	78 KBps	-189 KBps	Graph
WAN - Availability Check	04 Sep 15:33:54	Up (1)	-	Graph
WAN - IN	04 Sep 15:33:56	25 KBps	+2 KBps	Graph
WAN - OUT	04 Sep 15:33:55	27 KBps	-16 KBps	Graph
WAN2 - Availability Check	04 Sep 15:33:58	Up (1)	-	Graph
WAN2 - IN	04 Sep 15:33:58	25 KBps	+2 KBps	Graph
WAN2 - OUT	04 Sep 15:33:59	27 k	-16 k	Graph
WAN3 - Availability Check	04 Sep 15:34:00	Up (1)	-	Graph
WAN3 - IN	04 Sep 15:34:00	25 KBps	+1 KBps	Graph
WAN3 - OUT	04 Sep 15:34:02	28 KBps	-16 KBps	Graph
WAN4 - Availability Check	04 Sep 15:34:02	Up (1)	-	Graph
WAN4 - IN	04 Sep 15:34:05	22 KBps	-5 KBps	Graph
WAN4 - OUT	04 Sep 15:34:05	29 KBps	-12 KBps	Graph

Graphs - bandwidth utilisation



Overview- device status



Triggers	HQ	Spenttouch1	Spenttouch2	Spenttouch3	Spenttouch4	Spenttouch5	Spenttouch6	Spenttouch7	Spenttouch8	Spenttouch9
LAN - Failure	0	0	0	0	0	0	0	0	0	0
PING Failure	0	0	0	0	0	0	0	0	0	0
WAN - Failure	0	0	0	0	0	0	0	0	0	0
WAN2 - Failure	0	0	0	0	0	0	0	0	0	0
WAN3 - Failure	0	0	0	0	0	0	0	0	0	0
WAN4 - Failure	0	0	0	0	0	0	0	0	0	0