

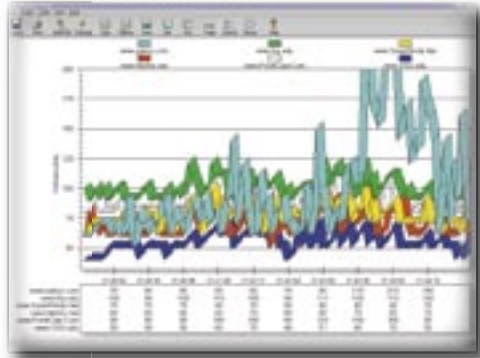


SOLARWINDS.NET

Network Management Software

Over 45 Tools In One Package

The SolarWinds network management toolset contains all the necessary applications to effectively manage data networks. The Engineer's Toolset contains over 45 applications and tools ranging from discovery and router management to security and performance monitoring.

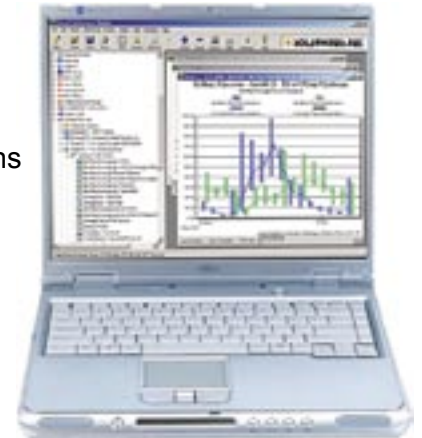


Features At A Glance:

- ❖ Bandwidth Management
- ❖ Performance Management
- ❖ Fault Management and Alerting
- ❖ Real-Time Graphing
- ❖ Network Discovery and Switch Port Mapping
- ❖ Router Security Analysis
- ❖ Port Scanner
- ❖ Configuration Management for Cisco Routers
- ❖ IP Address Management
- ❖ Installs on any Windows desktop or laptop

Some Companies Who Use SolarWinds:

- ❖ Lockheed Martin
- ❖ MasterCard
- ❖ Exxon Mobil
- ❖ Nokia
- ❖ Charter Communications
- ❖ NASA
- ❖ Harvard University
- ❖ Sony
- ❖ Microsoft
- ❖ US Air Force
- ❖ Siemens
- ❖ Symantec
- ❖ Federal Express



Download a Free 30-day evaluation
<http://SolarWinds.Net/Tools>

"Today we have a more comprehensive view into engineering and maintenance planning. SolarWinds has allowed us to be faster at troubleshooting network impairments. SolarWinds' software is so intuitive, an easy-to-use tool for all levels of service organization."

Greg Woods - Charter Communications

Network Management Software

Network Discovery

- ▶ Network Sonar's high performance discovery builds a database of the structure and devices on a network.
- ▶ IP Network Browser's interactive network discovery scans IP Address ranges and displays details for each device. User extensible discovery using SolarWinds database of over 250,000 OIDs.
- ▶ Switch Port Mapper will discover the devices connected to a switch and map each port to the connected devices.
- ▶ Ping Sweep a range of IP addresses and view which IP Addresses are in use and which ones are NOT in use.

Network Monitoring

- ▶ Real-time network monitoring and graphing of Latency, Loss, Percent Utilization, Total Bytes Transferred, Traffic, Errors and Discards, etc.
- ▶ SNMP Real-Time Graph will poll and graph any OID.
- ▶ Remote SNMP monitoring of interface status and statistics.
- ▶ E-mail and pager alerting on user defined triggers.
- ▶ Easily configure Alerts to notify of reboots, IOS change or IOS level downgrades, etc.
- ▶ Create and edit Traps

IP Address Management

- ▶ Automatically monitor IP addresses within many subnets and report on their usage and details about each device.
- ▶ DHCP (Dynamic Host Configuration Protocol) Monitor Scope will monitor DHCP Scopes and show which scopes are low on addresses.
- ▶ Scan IP Address range and look for DNS configuration errors by performing a forward and reverse DNS lookup and DNS audit.
- ▶ Discover and draw DNS structure diagrams of your network.

MIB Browser

- ▶ Includes SolarWinds extensive database of over 220,000 unique OID's from over a thousand public and private MIBs.
- ▶ Remotely update values such as changing interface descriptions or network configuration parameters.
- ▶ Walk the SNMP tree for a target device and dump the value of each OID.
- ▶ Free MIB Database updates with software maintenance.

Bandwidth Monitoring

- ▶ Real-Time usage monitoring of Ethernet, Token Ring, Frame-Relay, ATM, and any other network Interface.
- ▶ Historical trending of bandwidth utilization, errors and discards, total bytes transferred, CPU load, etc.
- ▶ Graphical reports on collected statistics can be generated for any time period.

SNMP Security Scanning

- ▶ SNMP Brute Force and Dictionary Attack tools remotely determine read-only and read-write community strings.
- ▶ Pinpoint SNMP security weaknesses.
- ▶ Includes a number of SNMP Discovery and Auditing tools.

Router Configuration Tools

- ▶ Download, Upload, and Edit configuration files to/from Cisco routers, switches, and firewalls.
- ▶ Compare the current Running configuration against the Start-Up configuration in the non-volatile memory of a Cisco router or switch
- ▶ Decrypt and Reset Cisco type 7 passwords.
- ▶ Easily Reset Cisco type 5 passwords.
- ▶ Monitor the CPU load on Cisco devices in real-time.

Network Analysis Tools

- ▶ Remotely initiate a PING test from any remote Cisco router via Proxy.
- ▶ Advanced TraceRoute with real-time SNMP discovery during the trace: IOS Level, Machine Type, etc.
- ▶ Includes a Wide Area Network traffic generator.
- ▶ TFTP Server that allows you to transmit and receive multiple configuration files and the same time.

E-Mail

- ▶ Validate the status of your email server against global Spam Blacklists.
- ▶ Add Spam Blacklist servers to Query LList.

System Requirements

- Windows Operating System
- Pentium III 350 MHz or higher
- 24 MB available disk space
- 32 MB RAM (128 recommended)
- Network Interface Card or modem

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