

VoIP & Network Quality Manager PROACTIVE VOIP AND WAN PERFORMANCE MONITORING AND TROUBLESHOOTING

At-a-glance insight into all aspects of VoIP and WAN performance



Stay a step ahead of VoIP Quality of Service (QoS) issues and end-user complaints. SolarWinds VoIP & Network Quality Manager monitors VoIP performance by analyzing Call Detail Records generated by Cisco CallManager and helps you proactively identify and eliminate distortion, latency, and noise. It also generates synthetic VoIP traffic using Cisco IP SLA technology and facilitates capacity planning and measurement of voice quality in advance of new VoIP deployments. But that's not all! SolarWinds VoIP & Network Quality Manager tracks key edge router and switch statistics and helps you keep a close eye on site-to-site WAN performance.

VoIP & Network Quality Manager at a Glance

- Monitors VoIP call Quality of Service (QoS) metrics including jitter, latency, packet loss, and MOS
- Correlates call issues with WAN performance for advanced troubleshooting
- Searches & filters call detail records
- Monitors site-to-site WAN performance using Cisco IP SLA technology
- Automatically discovers Cisco IP SLA enabled network devices & typically deploys in less than an hour

Features

Monitor VoIP Call Performance

 $Solar Winds\ VoIP\ \&\ Network\ Quality\ Manager\ monitors\ the\ performance\ of\ VoIP\ calls\ by\ analyzing\ call\ detail$ records (CDRs) generated by Cisco® CallManager.

Troubleshoot VoIP Call Performance

SolarWinds VoIP and Network Quality Manager enables advanced VoIP troubleshooting by correlating individual call performance with corresponding network performance metrics.

Search & Filter Call Detail Records

SolarWinds VoIP & Network Quality Manager provides the ability to search, filter and display call detail records (CDRs) to aid in troubleshooting.

VoIP & WAN Monitoring Dashboards

SolarWinds VoIP & Network Quality Manager provides customizable at-a-glance insight into all aspects of your VoIP and WAN performance through an intuitive LUCID™ Web interface.

Intelligent VoIP & WAN Performance Alerts

SolarWinds VoIP & Network Quality Manager enables you to configure intelligent alerts that notify you when specific VoIP or WAN performance thresholds are crossed so you are the first to know when an issue arises.



Call Signaling Chart View

SolarWinds VoIP & Network Quality Manager provides a pictorial representation of the packets exchanged from the call initiation, during progress and end of call, as well as displays the requests that took place from call start to call end.

Automatic IP SLA Setup

SolarWinds VoIP & Network Quality Manager allows you to set up IP SLA operations on your edge routers and switches with a wizard-like interface. You won't need any complicated CLI commands to get started; just a few clicks of your mouse and you're off.

VoIP and WAN Capacity Planning

Solar Winds VoIP & Network Quality Manager generates synthetic VoIP traffic using Cisco IP SLA technology to facilitate capacity planning and measure voice quality in advance of new VoIP deployments.

Customizable Performance Reports

VoIP and Network Quality Manager makes it easy to generate VoIP and WAN performance reports using out-of-the-box templates that can be customized with a few mouse clicks, automating report creation and distribution.

Quick, Do-it-Yourself Deployment

Download, install and deploy VoIP & Network Quality Manager in less than an hour using three simple steps.

System Requirements

Environment

VoIP & Network Quality Manger sites are limited to locations where there is an existing, Cisco IP SLA-compatible router to serve as a simulation node. For more information about IP SLA-capable routers and switches, go to www.cisco.com/go/fn.

HARDWARE	MINIMUM REQUIREMENTS
CPU	Dual processor, 3GHz
Memory	3 GB
Hard Drive	20 GB
SOFTWARE	MINIMUM REQUIREMENTS
OS	Windows® 2003 & 2008 Server (32-bit or 64-bit) including R2, with IIS installed, running in 32-bit mode Windows 2008 Server (32-bit or 64-bit) with IIS installed, running in 32-bit mode
.NET Framework	Version 3.5 or later
Database	SQL Server® 2005 SP1 Express, Standard, Enterprise SQL Server 2008 Express, Standard or Enterprise

"SolarWinds plug-and-play functionality and affordable price tag were exactly what we needed."

> - Mark Stevens, Oceaneering International

> > NOTE: The minimum server requirements listed assume default configuration. Significantly increasing the poll rate or statistic collection rate could result in additional load on the server, which may require a larger CPU or additional memory.



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About SolarWinds

Founded in 1999, SolarWinds delivers powerful and affordable IT management and monitoring software to over 100,000 customers worldwide – from Global 1000 enterprises to small businesses. Named by Forbes as one of the top 10 fastest growing technology companies, SolarWinds is improving the way IT management software is developed, priced, purchased, delivered, and used. Our IT monitoring and management software is built for SysAdmins and network engineers who need powerful, affordable, and easy-to-use solutions that save time and simply get the job done. Evaluating, buying, deploying, and using enterprise software shouldn't be complex. IT management solutions from SolarWinds are easy to try, buy, deploy and use. That's unexpected simplicity.

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