

VoIP & Network Quality Manager

Proactive VoIP and WAN Performance Monitoring and Troubleshooting

The screenshot shows the SolarWinds VoIP & Network Quality Manager interface. At the top, there are navigation tabs for 'MY DASHBOARDS', 'ALERTS & ACTIVITY', 'REPORTS', and 'SETTINGS'. The main content area is titled 'IP SLA Summary View' and contains several panels:

- All IP SLA Operations:** A section for managing operations, listing types like UDP Echo and TCP Connect.
- IP SLA Operations By Status:** A table with columns for IP SLA OPERATION, OPERATION TYPE, and ROUND TRIP TIME. It lists several operations between nodes like 'bas-2851.local' and 'cur-2851.lab.cur'.
- IP SLA Operations Health Overview:** A pie chart showing the status of operations: 1 Operation Up (green), 0 Operation Warning (yellow), 0 Operation Critical (red), 3 Operation Down (blue), 0 Unknown (grey), and 0 Operation Unreachable (black).
- Network Quality Map:** A world map showing operation status. A note indicates the map is not live and suggests using Orion Network Atlas.
- Search VoIP Calls:** A search interface with filters for Call Origination, Call Destination, Call Time, Call Status, and Call Quality.
- Last 25 IP SLA Events:** A list of recent events, including service start/stop notifications and evaluation expiration warnings.

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® Unified Communications Manager and Avaya Aura® Communication Manager 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.

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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

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FEATURE HIGHLIGHTS

Monitor VoIP Call Performance

SolarWinds VoIP & Network Quality Manager monitors the performance of VoIP calls by analyzing call detail records (CDRs) generated by Cisco & Avaya communication managers.

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.

VoIP Gateway & PRI Trunk Monitoring

SolarWinds VoIP & Network Quality Manager provides VoIP gateway and performance details including PRI trunk and channel utilization, distribution of VoIP and data, and a list of the top 10 quality issues through a designated gateway so you can see exactly how your VoIP capacity is being used and identify potential issues before they impact users.

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

SolarWinds 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

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	Quad Core Processor 2.5 GHz or better
Memory	8GB RAM
Hard Drive	20GB
SOFTWARE	MINIMUM REQUIREMENTS
OS	Microsoft® Windows Server® 2016, 2012, or 2008 R2
.NET Framework	.NET 4.5; compatible with 4.6.1
Database	Microsoft SQL Server 2016, 2014, 2014 SP1, 2012, or 2008 R2 Standard Edition

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

— Mark Stevens,
Oceaneering International

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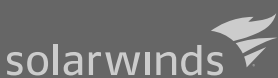
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