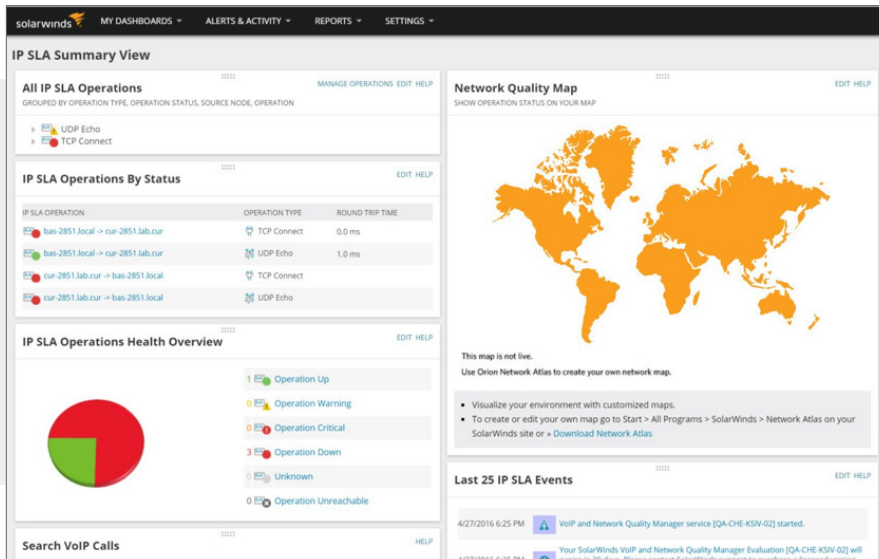


VoIP & Network Quality Manager

Proactive VoIP and WAN Performance Monitoring



Stay a step ahead of VoIP call quality issues and end-user complaints. SolarWinds® VoIP & Network Quality Manager (VNQM) is designed to monitor VoIP performance by analyzing call detail records generated by Cisco® Unified Communications Manager and Avaya Aura® Communication Manager, and can help you proactively identify and eliminate distortion, latency, and noise. It can also generate synthetic VoIP traffic using Cisco IP SLA technology, and can facilitate capacity planning and measurement of voice quality in advance of new VoIP deployments. VNQM is also built to track key edge router and switch statistics and can help you keep a close eye on site-to-site WAN performance.

TRY IT FREE

30 days, full version

WHY CHOOSE VOIP & NETWORK QUALITY MANAGER

- » Designed to monitor VoIP call quality metrics, including jitter, latency, packet loss, and MOS
- » Can help gain valuable Cisco SIP trunk metrics, including status and call activity, to aid in troubleshooting
- » Able to correlate call issues with WAN performance for advanced troubleshooting of Cisco and Avaya® calls
- » Monitors site-to-site WAN performance using Cisco IP SLA technology
- » Provides VoIP gateway and performance details, including PRI trunk and channel utilization, for help with capacity planning
- » Searches and filters call detail records
- » Can automatically discover Cisco IP SLA enabled network devices and deploys typically in less than an hour

FEATURE HIGHLIGHTS

Monitor VoIP Call Performance

VNQM monitors the performance of VoIP calls by analyzing call detail records (CDRs) generated by Cisco and Avaya communication managers.

Cisco SIP and CUBE Trunk Monitoring

VNQM is built to provide valuable Cisco SIP trunk and CUBE SIP trunk metrics, including up/down status and audio and video call activity. In addition, SIP trunk and CUBE SIP trunk call activity and availability is displayed in the PerfStack™ dashboard. This can help admins identify the root cause of Cisco SIP and CUBE call failures by correlating SIP trunk availability and call activity, call performance metrics, and corresponding network performance metrics, including CPU and memory utilization.

Troubleshoot VoIP Call Performance

VNQM enables advanced VoIP troubleshooting by correlating individual call performance with corresponding network performance metrics.

Search and Filter Call Detail Records

VNQM provides the ability to search, filter, and display call detail records (CDRs) to aid in troubleshooting.

VoIP Gateway and PRI Trunk Monitoring

VNQM 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 affect users.

Call Signaling Chart View

VNQM can provide 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

VNQM 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; typically just a few clicks of your mouse and you're off. It also provides IP SLA Test and verification of support for Cisco CUCM 12.x and Avaya® Aura 8.x.

VoIP and WAN Monitoring Dashboards

VNQM can provide customizable, at-a-glance insight into all aspects of your VoIP and WAN performance through an intuitive LUCID™ web interface.

Intelligent VoIP and WAN Performance Alerts

VNQM enables you to configure intelligent alerts that can notify you when specific VoIP or WAN performance thresholds are crossed, so you can be the first to know when an issue arises.

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VoIP and WAN Capacity Planning

VNQM generates synthetic VoIP traffic using Cisco IP SLA technology to help facilitate capacity planning and measure voice quality in advance of new VoIP deployments.

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Customizable Performance Reports

VNQM is designed to make it easy to generate VoIP and WAN performance reports using out-of-the-box templates that can be customized with a few mouse clicks, which can automate report creation and distribution.

Quick, Do-it-Yourself Deployment

Download, install, and deploy VNQM typically in less than an hour.

SYSTEM REQUIREMENTS

For detailed system requirements, please visit support.solarwinds.com

VoIP & Network Quality Manager 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 Core Processor 3.0 GHZ or better For SQL Server*: Dual Core Processor 3.0 GHZ or better Quad Core Processor 2.67 GHZ, 64-bit (for large networks)
Memory	8GB RAM For SQL Server: 8 GB 16 GB (for large networks)
Hard Drive (also for SQL Server)	20GB
SOFTWARE	MINIMUM REQUIREMENTS
OS	Microsoft® Windows Server® 2016
.NET Framework	.NET 4.6.2; compatible with 4.6.1
Database	SQL Server 2014, 2014 SP1, 2014 SP2 (also with AlwaysOn Availability Groups) SQL Server 2016, 2016 SP1, 2016 SP2 SQL Server 2017

TRY BEFORE YOU BUY. DOWNLOAD A FREE TRIAL.

VoIP and network quality management has never been easier. But don't just take our word for it. At SolarWinds, we believe you should try our software before you buy. That's why we offer free trials that deliver full product functionality. Visit solarwinds.com and [download your free trial today!](#)

ABOUT SOLARWINDS

SolarWinds (NYSE:SWI) is a leading provider of powerful and affordable IT infrastructure management software. Our products give organizations worldwide, regardless of type, size or IT infrastructure complexity, the power to monitor and manage the performance of their IT environments, whether on-premises, in the cloud, or in hybrid models. We continuously engage with all types of technology professionals—IT operations professionals, DevOps professionals, and managed service providers (MSPs)—to understand the challenges they face maintaining high-performing and highly available IT infrastructures. The insights we gain from engaging with them, in places like our [THWACK®](#) online community, allow us to build products that solve well-understood IT management challenges in ways that technology professionals want them solved. This focus on the user and commitment to excellence in end-to-end hybrid IT performance management has established SolarWinds as a worldwide leader in network management software and MSP solutions. Learn more today at www.solarwinds.com.

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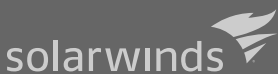
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