AUTOMATICALLY TRIGGER PACKET CAPTURE FROM SOLARWINDS® NETWORK PERFORMANCE MONITOR TO ACCELERATE INCIDENT REMEDIATION

SOLUTION

The Ixia Net Tool Optimizer™ (NTO™) works in concert with SolarWinds Network Performance Monitor (NPM) and your packet capture tools (forensic recorders, protocol analyzers, IPS/IDS and malware analyzers) to monitor and troubleshoot your network.

The NTO passively directs out-of-band network traffic from multiple access points (SPANs or TAPs) in the network to packet capture tools for recording and analysis. Traffic is aggregated from all needed access points in the network to provide comprehensive visibility.

The NTO’s Automated Response Technology complements SolarWinds NPM’s ability to detect, analyze and respond to network issues. When SolarWinds detects an anomaly, it reconfigures the NTO to automatically send the right traffic to a forensic recorder or other tool. SolarWinds NPM alerts on performance of specific networked devices, and passes the IP address of the affected device(s) as an argument so that the NTO only sends the relevant packets to the recording tool. Incident remediation can then begin the instant...
an anomaly occurs with the benefit of having all the required packet information. The joint solution speeds root-cause analysis, eliminates time consuming manual steps, and simplifies compliance.

HIGHLIGHTS

Packet based monitoring and security appliances are only as useful as the data they receive. The Net Tool Optimizer™ for use with SolarWinds Network Performance Monitor automatically sends the right traffic, to the right packet capture appliance, at the right time. By automating out-of-band monitoring traffic flow based on the alerting and correlation capabilities of SolarWinds issues can be resolved before they become a problem.

IXIA SOLUTION BENEFITS

• Accelerate root cause analysis by capturing the required packets
• Simplify compliance reporting by having an available audit trail of packet data
• Provide monitoring and security tools the right data at the right time from anywhere in the network to maximize coverage
• Eliminate time consuming and error prone manual steps
• Compatible with any packet based troubleshooting, security, or recording tool
• Easy to deploy from SolarWinds NPM using a right mouse click or alert triggers

THE NTO EFFICIENTLY DIRECTS TRAFFIC TO SECURITY, NETWORK AND APPLICATION MONITORING TOOLS

The NTO provides packet based monitoring tools access to all necessary network traffic. The NTO sits between the access points in the network that require monitoring and monitoring tools. Simultaneously, the NTO aggregates traffic from multiple SPANs/ TAPs in the network and directs it to any security or monitoring appliance. This approach provides efficient access to asymmetric traffic across large heterogeneous networks. The NTO filters out traffic, which does not need analysis, prior to consuming resources on monitoring appliances. The NTO can share traffic from a network access point with multiple monitoring tools. This capability eliminates the common SPAN/ TAP shortages that occur when another tool is attached to a needed access point. Additionally, by removing duplicate packets, the NTO can enhance the throughput and storage capacity of any security appliance or forensic recorder.

Ixia's intuitive control panel makes the NTO easy to set up and use. Simply drag-and-drop a virtual connection between SPANs/TAPs and tools to make a live connection.

DISCOVER, MAP & MONITOR IN LESS THAN AN HOUR

SolarWinds Network Performance Monitor software makes it easy to quickly detect, diagnose, and
resolve performance issues before outages occur. SolarWinds Network Performance Monitor is an affordable, easy to use tool that delivers real-time views and dashboards that enable you to visually track and monitor network performance at a glance. Plus, using dynamic network topology maps and automated network discovery, you can deploy and keep up with your evolving network without breaking a sweat.

AUTOMATED RESPONSE TECHNOLOGY

The NTO’s unique Automated Response Technology allows users to efficiently monitor more of their network without requiring additional staff or budget. Automation can adjust your monitoring configuration proactively in response to changes in the network. The NTO for use with SolarWinds NPM solution uses this technology to automatically send the right traffic to the right security tool at the right time based on SolarWinds Alerts.

Common automation applications include:

• Redirect suspicious traffic to specific monitoring tools for analysis
• Activate unused tools to distribute network monitoring bandwidth more effectively
• Prevent network tool oversubscription by automatically filtering data when network throughput crosses predetermined thresholds
• Use available Ixia integration technology for use with SolarWinds NPM to automatically trigger the NTO and redirect relevant network traffic to specific monitoring tools

Once automation is configured on your Ixia NTO and SolarWinds NPM, you will have “always on” visibility into your dynamic network. So the next time network traffic spikes at 3:00AM, you can relax knowing that your NTO will take care of the early troubleshooting tactics for you.

ABOUT IXIA’S NETWORK VISIBILITY SOLUTIONS

The Ixia Net Tool Optimizer® (NTO) provides complete network visibility into physical and virtual networks, improves network security and optimizes monitoring tool performance. The NTO ensures that each monitoring tool gets exactly the right data needed for analysis. This improves the way you manage your data center and maximizes return on investment. Our customers include large enterprises, service providers, educational institutions and government agencies.

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ABOUT SOLAR WINDS

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. For additional information:
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ABOUT IXIA

Ixia delivers a powerful combination of innovative solutions and trusted insight to support network and security infrastructures from concept to operation. Whether you are preparing a product for launch, deploying a service or application, or managing performance in operation, we offer an extensive array of solutions for testing, visibility, and security—all in one place.

Our solutions are used worldwide to validate network functions, test the integrity of security infrastructures, and deliver an end-to-end view of the network. The result: stronger networks, better performance, increased security resilience, happier customers, and maximum ROI.