COMPLETE NETWORK VISIBILITY FOR REAL USER EXPERIENCE MANAGEMENT

The Ixia Net Tool Optimizer® provides complete network access for the Oracle Real User Experience Insight (RUEI) solution

SOLUTION

The Ixia Net Tool Optimizer® (NTO) and the Oracle Real User Experience Insight (RUEI) product work together to capture and analyze network traffic in a scalable solution that accurately and efficiently monitors networks of any size. The NTO passively directs out-of-band network traffic from multiple access points (SPANs or TAPs) in the network to the RUEI system for analysis. Traffic is aggregated from all needed access points in the network to provide comprehensive visibility.

Oracle RUEI enables enterprises to maximize the value of their business-critical applications by delivering insight into real end-user experiences. It can help identify lost revenue from frustrated users, reduce support costs by lowering call center volumes, accelerate problem resolution of poorly performing applications, and help businesses adapt to changing needs by providing insight into business trends and user preferences. It integrates performance analysis and usage analysis into a single offering, enabling business and IT stakeholders to develop a shared understanding into their application users’ experience.

ORACLE REAL USER EXPERIENCE INSIGHT

Today’s businesses applications are used to automate and simplify virtually all business functions. To improve the returns on those investments, the applications need to deliver superior performance,
availability and user experience. Otherwise the business will suffer due to lost revenue from frustrated users, lower employee productivity and possibly even higher support costs from users calling the service desk after abandoning their online interactions. Oracle RUEI, a key product in the Oracle Enterprise Manager solution set for Top-Down Application Management, can help meet these challenges.

Key benefits include:

- Determine when and how much poor user experience affects business performance.
- Significantly reduce time to identify user problems related to applications and Web services and resolve any issues.
- Receive early warnings on key issues to valued users.
- Review and replay full user sessions to understand their navigational issues.
- Avoid finger pointing between departments by connecting user issues directly to application diagnostic data.

IXIA NTO EFFICIENTLY AND FLEXIBLY DIRECTS TRAFFIC TO ORACLE RUEI AND OTHER MONITORING TOOLS

The Ixia NTO complements the Oracle RUEI solution by providing access to all needed network traffic. The NTO sits between access points in the network that require monitoring and the RUEI solution. The NTO simultaneously aggregates traffic from multiple SPAN ports/TAPs in the network and directs it to the RUEI system. This approach provides efficient access to asymmetric traffic across large heterogeneous networks. Traffic that does not need to be analyzed can be filtered out by the NTO prior to consuming resources on the RUEI system.

The Ixia NTO allows for the sharing of 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 capacity.

The Ixia NTO’s automation capability easily works with the Oracle RUEI system for a range of applications that include the following examples:

- Load-balancing traffic across multiple Oracle RUEI input ports or systems
- Dynamically tightening filters as needed to ensure that key transactions are always analyzed when total traffic spikes over 10Gbps
An intuitive control makes the NTO easy to set up and use. Simply drag-and-drop a virtual connection between SPANs/TAPs and the Oracle RUEI product to make a live connection.

HIGHLIGHTS

The Oracle Real User Experience Insight (RUEI) solution enables enterprises to maximize the value of their business-critical applications by delivering insight into real end-user experiences. Its passive monitoring approach allows enterprises to deploy in production, without requiring costly test/QA environment validations. The NTO complements the Oracle RUEI system by extending access to all needed network traffic. The joint solution provides complete visibility into network traffic in a highly scalable, easy to deploy system.

JOINT SOLUTION BENEFITS

• Full network visibility – The Ixia NTO delivers all required traffic from anywhere in the network to the Oracle RUEI system. All traffic—100 percent—can be monitored and analyzed.
• Simplified deployment – The solution is flexible enough to work in any network environment and can share access with deployed monitoring and security tools.
• Maximum efficiency – The Ixia NTO filters and removes unneeded traffic so the RUEI can operate at full efficiency.
• Easily scalable – Additional 1G, 10G or 40G ports can be added as needed and the filters can be dynamically adjusted to meet bandwidth requirements.

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 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.