IBM Performance Management for Operations Insight

Integrated network performance visibility for Network Operations

Applications and services are the face of every business, and success hinges on the IT and network infrastructure that support them. Failure to manage your environment puts revenue, reputation and customer satisfaction at risk. There is also intense pressure on IT to keep up with the increased pace of innovation through agile delivery of new applications and evolution toward hybrid cloud.

These two requirements —agility and trustworthy operations—often present opposing requirements. Without the right tools and process in place they can be difficult, if not impossible, to achieve. Not only have the IT infrastructure and network environments become more complex and dynamic, the volume of operations data has exploded and there is little tolerance for outages or poor end user experience. Operational silos with no end-to-end visibility and multiple monitoring tools add to the complexity, making it difficult to detect problems and bringing additional costs and inefficiencies.

IBM® Netcool® Operations Insight is an analytics-driven operations center providing cross domain, correlation, enrichment and consolidation of millions of alerts/alarms and operational data into a single operational view. IBM Netcool Operations Insight empowers operations teams through real-time and historical analytics that can help identify, isolate and resolve problems before they affect business operations.

IBM Performance Management for Operations Insight

Performance Management for Operations Insight is an optional solution extension that can be added to a deployment of Netcool Operations Insight to provide performance management capability.

Performance Management for Operations Insight provides comprehensive and scalable visibility of network traffic with visualization and reporting of network performance data for complex, multivendor, multi-technology networks. The end user is able to visualize flow across selected interfaces, display performance anomaly events in the Tivoli Netcool/OMNIbus Event Viewer, and view performance anomaly and performance timeline data in the Device Dashboard.

gen-E implements IBM NOI so our clients can:

- Optimize operational effectiveness, efficiency and reliability
- Gain greater visibility into IT and network health through a consolidated view and cognitive analytics
- Increase agility through event-driven guidance, automation and notifications
IBM Performance Management for Operations Insight

gen-E implements Performance Management for Operations Insight so our clients can reduce operational costs and boosts efficiency by consolidating performance management of systems and enabling proactive problem identification.

Integrated Reporting
Integrated reporting provides a quick view of network and IP device session data monitoring from IBM Netcool Operations Insight dashboards.

Exhaustive Network Visibility
The available dashboards help to understand network usage and device usage patterns to view all information about end points and enhanced data slicing facility on longer duration.

User-defined Thresholds and Alerts
Predefined and custom threshold settings help provide proactive alerts on traffic data violations at interface level. These violations might be due to high usage of applications.

Faster Troubleshooting and Root Cause Analysis
Improves visibility into network performance to help minimize service degradations and disruptions, and speed troubleshooting. Reports provide usage and trend analysis to remove network bottlenecks and blind spots with seamless navigation among the dashboards.

Netcool Operations Insight Bundles

<table>
<thead>
<tr>
<th>Operations Management for Operations Insight</th>
<th>Networks for Operations Insight</th>
<th>Performance Management for Operations Insight</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Netcool/ OMIbus</td>
<td>IBM Tivoli Network Manager IP Edition</td>
<td></td>
</tr>
<tr>
<td>IBM Tivoli Netcool/Impact</td>
<td>IBM Tivoli Netcool Configuration Manager</td>
<td></td>
</tr>
<tr>
<td>IBM Operations Analytics - Log Analysis</td>
<td>Network Health Dashboard</td>
<td></td>
</tr>
<tr>
<td>Event Analytics</td>
<td>Device Dashboard</td>
<td></td>
</tr>
<tr>
<td>Event Search</td>
<td>Topology Search</td>
<td></td>
</tr>
<tr>
<td>IBM Connections Integration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Why IBM?
The role of operations has become increasingly challenging. Since the success of your business relies on your IT and network infrastructure, operations need to support availability and quality of the applications at all times. Used by thousands of organizations across the globe, Netcool Operations Insight combines the market leading capabilities of IBM Event Management with the transformative capabilities of IT Operations Analytics in a single solution. Part of IBM’s leading IT service management portfolio, Netcool Operations Insight can easily extend across IBM and third-party solutions for the broadest management available. Netcool Operations Insight offers hundreds of out-of-the-box integrations, with included domain intelligent event reduction rules across IT and network infrastructures.
gen-E Software and Services help you take the steps today to manage tomorrow’s environment.

Reference Architecture
Leverage best-of-breed products, including the IBM® ITSM suite, along with best practices and industry standards based on over 250 implementations.

Managed Services
Remote end-to-end IT infrastructure management & support ensures success post-implementation.

gen-E Products
Service Assurance software with advanced analytics helps businesses take action on performance indicators.

Professional Services/Training
Full service consulting, environment assessment, integration and custom development, and formal training for all levels of network management staff.

 gen-E clients maximize existing investments in technology, reduce operating expenses and improve efficiency.

**Improve Efficiency**
Improve the efficiency and effectiveness of Netcool investments with speedy event processing, improved fault isolation, and enhanced automation, enrichment, and correlation of events.

**Reduce OpEx**
Eliminate redundant systems and reduce Netcool maintenance costs while minimizing manual engagement to reduce the total cost of ownership.

**Truly Unified View**
Replace outdated visualizations with a unified view of all customer and network data from across the entire business, providing a real-time, end-to-end view to all corporate users for a more unified customer experience.

gen-E is a leading advanced analytics and service assurance software and professional services company for service providers and companies with large, complex networks. We enable our clients to dramatically reduce costs, improve efficiency and deliver higher quality service by providing greater visibility, control and automation of their operational systems. Learn More at: www.gen-E.com