IBM Netcool Operations Insight V1.4 delivers a transformed user experience and increased efficiencies for IT and network operations

At a glance

IBM® Netcool® Operations Insight V1.4 enhancements:

- Added Network Health Dashboard for real-time visibility of the overall health of the network, enabling rapid problem identification, isolation, and improved mean time to repair of network outages.
- Delivers enhanced network topology visualization, which includes the removal of Java™ applets from the IBM Tivoli® Network Manager client.
- Enhances Internet Protocol flow data presentation, allowing analysis of traffic flow in the context of the discovered network topology.
- Has improved performance and overall reduction in the total cost of ownership.
- Includes improved network management deployment resiliency and consistency with IBM Installation Manager.
- Includes Cisco Wi-Fi device discovery and monitoring.
- Delivers improved throughput and storage of polled network performance data in Tivoli Network Manager.

Overview

IBM Netcool Operations Insight V1.4 combines the market-leading real-time event consolidation and correlation capabilities of IBM Tivoli Netcool/OMNIbus and the transformative power of IT operations analytics extended to cover the application logs of Netcool Operations Insight. Netcool Operations Insight V1.4 network management enhancements:

- A new Network Health Dashboard integrates network event, topology, availability, performance, and configuration data sourced from Netcool Operations Insight capabilities and presents it in a single view. The Network Health Dashboard provides a unified real-time view of the overall network health to operations support and management personnel.
- The Network Health Dashboard facilitates faster diagnosis and resolution of highlighted network issues within the context of the drill down to events and topology views for greater insight to problems.
- The network topology visualization experience is transformed with the removal of Java applets, along with new topology search and zoom control facilities.
- IBM Installation Manager simplifies control of network management deployment and delivers improved resiliency and consistency to the deployment process.
• New Wi-Fi integration supports the discovery and monitoring of Cisco Wi-Fi access devices.

**Key prerequisites**

Refer to the Hardware requirements and Software requirements sections.

**Planned availability date**

February 19, 2016

**Description**

IBM Netcool Operations Insight V1.4 network management capabilities deliver essential functions for network operations, such as discovery, visualization, monitoring, event correlation and root-cause analysis, configuration, and compliance of IT and telecommunications networks. Netcool Operations Insight V1.4 improves the network management experience for operations support personnel.

These enhancements improve operations:

• A new Network Health Dashboard, providing real-time visibility of network health status along with facilitating faster troubleshooting of network issues. Network operations can benefit from this new capability as follows:
  - Operations can segment their network into manageable views, which tunes the Network Health Dashboard for optimum operation. This segmentation can be done by region, network service, or customer. The overall health of each network segment is visible without user intervention.
  - Each network view on the Network Health Dashboard shows a single summary icon of actionable events together with a partition event count for easy tracking of the overall network health.
  - For each network view, the Network Health Dashboard provides operations with a real-time view of the network availability status, worst case key performance indicators, in the context of the events, configuration change details with the segment event counts, and recent configuration history.
  - In the event of a network outage, operations support can immediately observe the issues and support can immediately drill down for further insight and analysis into the network outage using data sources such as events, topology, configuration changes, and performance trends.
• The re-engineered IBM Tivoli Network Manager GUI improves the user experience with lower cost of ownership. This is achieved primarily with the removal of Java applets from the client. This transformation removes significant Java client maintenance headaches.
• Other Tivoli Network Manager GUI enhancements include new network topology search and zoom capabilities.
• Internet Protocol flow data presentation enhancement allows analysis of traffic flow in the context of the discovered network topology.
• Network management deployment is now based on IBM Install Manager, delivering greater resilience and consistency for the deployment process. Install Manager provides a more efficient and organized deployment environment, along with improved error management.
• Re-architected network polling capabilities deliver improved database throughput and storage times along with improved load time to visualize raw and summarized performance data.
• Support for the discovery and monitoring of Cisco Wi-Fi access points aids network monitoring and outage management for Cisco based Wi-Fi networks.
IBM Tivoli Network Manager V4.2 and IBM Tivoli Netcool Configuration Manager V6.4.2 are included with this release of Netcool Operations Insight V1.4.

Reference information


Program number

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<th>Program number</th>
<th>VRM</th>
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<td>5725-Q09</td>
<td>1.4.0</td>
<td>IBM Netcool Operations Insight</td>
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Education support

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on IBM authorized training - Worldwide

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

Offering Information

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Publications

For these products, no printed publications are shipped with the product. The following publications will be available only in PDF format and may be downloaded on the planned availability date.

The entire set of documentation is also available online at IBM Knowledge Center as XHTML file. The online documentation will be available at the Knowledge Center on the planned availability date. Click on the highlighted product names below to link to the documents.

**IBM Netcool Operations Insight V1.4**
- Quick Start Guide
- Integration Guide
- Tivoli Netcool/OMNIbus Insight Pack readme
- Network Manager Insight Pack readme

**IBM Tivoli Netcool/OMNIbus V8.1**
- Installation and Deployment Guide
- Administration Guide
- Probe & Gateway Guide
- Event Integration Facility Reference
- Release Notes
• HTTP Interface Reference
• OSLC Interface Reference
• Web GUI Administration and User's Guide
• Web GUI Administration API (WAAPI) User's Guide

**IBM Tivoli Netcool/Impact V7.1**
• Quick Start Guide
• Administration Guide
• Solutions Guide
• Policy Reference Guide
• User Interface Guide
• DSA Reference Guide
• Operator View Guide
• Release Notes

**IBM Operations Analytics - Log Analysis (previously known as IBM SmartCloud Analytics - Log Analysis)**
• Installation and Administration Guide
• User’s Guide
• Troubleshooting Guide
• Extending Guide
• Quick Start Guide

**IBM Tivoli Network Manager IP Edition V4.2**
• Quick Start Guide
• Product Overview
• Installation and Configuration Guide
• Getting Started Guide
• Administration Guide
• Discovery Guide
• Event Management Guide
• Network Visualization Setup Guide
• Topology Database Reference
• Network Troubleshooting Guide
• Management Database Reference
• Language Reference
• Perl API Guide
• IBM Tivoli Monitoring for Tivoli Network Manager IP User's Guide
• Release Notes

**IBM Tivoli Netcool Configuration Manager V6.4.2**
• Quick Start Guide
• Installation and Configuration Guide
• User Guide
• Administration Guide
• Reference Guide
• API Guide
• NSM REST API Guide
IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

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Technical information

Specified operating environment

Hardware requirements
Go to the following Software Product Compatibility Reports website and select Hardware requirements, and then select the information needed under the product version.

Software requirements
Go to the following Software Product Compatibility Reports website and select Detailed system requirements, and then select the information needed under the product version.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

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Performance considerations
IBM Netcool Operations Insight V1.4 with IBM DB2® offers significantly increased data protection, scalability, and performance for its external database intensive operations that are based on DB2 technology, which is designed to manage data more effectively and efficiently. Greater availability is delivered through enhancements such as online, automated database reorganization. In addition, the increased scalability and the ability to leverage the latest in server technology helps deliver increased performance of backup and recovery processes.

Where DB2 is entitled for limited use by the supporting programs of Netcool Operations Insight, licensee may leverage a common DB2 install for the supporting programs within the terms of the restricted use licenses.
Planning information

**Packaging**
The products in the announcement are distributed with:

- International Program License Agreement (Z125-3301)
- License Information document
- Publications (refer to the Publications section)

**Security, auditability, and control**
The products in the announcement use the security and auditability features of the operating system software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

This product is only available through Passport Advantage. It is not available as shrinkwrap.

Product group: Middleware

Product: **IBM Netcool Operations Insight (5725-Q09)**

Product category: Network Management and Performance

**Passport Advantage**

**IBM Netcool Operations Insight (5725-Q09)**

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<td>IBM Netcool Operations Insight Media Pack V1.4</td>
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For more information, refer to:


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You must have previously acquired a license for one of the precursor products to be eligible to acquire an equivalent license of the trade-up product. Customers who trade up to Netcool Operations Insight will continue to receive support for IBM Tivoli Netcool/OMNIbus V7.4 until the end-of-- support date for standalone Tivoli Netcool/OMNIbus V7.4.

For more information, refer to:


**Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.
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<tr>
<td>IBM Netcool Operations Insight V1.4 Media Pack</td>
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**Charge metric**

For more information about the licensing metric definitions, go to the Reference information section.

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**Variable charges apply**

No

**Educational allowance available**

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Corrections

(Corrected on June 2, 2016)
Updated the Reference information and Ordering information sections.