



IBM Netcool Operations Insight V1.3 brings innovative new and enhanced features enabling more agile and leaner IT and network operations

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At a glance

IBM^(R) Netcool^(R) Operations Insight V1.3 provides new and updated innovative features to provide deeper insight, event reduction, and automation capabilities to help drive further efficiencies for more agile and leaner operations.

The new release:

- Provides deeper insight across the entire business infrastructure from the Internet of Things to the most complex networks for more agile and leaner operations.
- Allows unique visibility of event relationships and recurring patterns utilizing machine learning, offering the administrator a one-click option to implement a rule for automated correlation of future occurrences without coding.
- Extends event reduction and correlation capabilities with network discovery and topology based root-cause analysis of key virtual environments.
- Provides new and improved intelligent event reduction for faster problem identification, reduced time to resolution, and enhanced service levels, resulting in improved productivity and lower operational costs.

Order now

For ordering, contact your IBM representative or an IBM Business Partner. For more information, contact the Americas Call Centers at: 800-IBM-CALL (426-2255).

Reference: SE001

Overview

IBM Netcool Operations Insight V1.3 combines the market-leading real-time event consolidation and correlation capabilities of IBM Tivoli^(R) Netcool/OMNIBUS and the transformative power of IT operations analytics extended to cover the application logs of Netcool Operations Insight.

Enhancements within the Operations Management components:

- Related Event/Event Clustering Analytics provides ongoing event reduction, leveraging machine learning techniques to examine historical event data to automatically determine which events have a high probability of occurring

together and then grouping them into a cluster. This offers the administrator a one-click option to implement a rule for automated correlation of future occurrences.

- Known Event Analysis Grouping and Correlation provides powerful standard management of active events with built in domain knowledge extendable by the user with no coding required. This feature is also available in Tivoli Netcool/OMNIBus V8.1.
- Event search capabilities are extended with additional language coverage, including support for multibyte character sets.
- User experience improvements to the Event Viewer now provide a full replacement for the Active Event List, adding support for multiple data sources and the ability to add operator journal entries to events, coupled with filter and view handling improvements, further reducing the need for run-time Java™ downloads.
- Expanded coverage of buildings management with event integration with a new Tivoli Netcool/OMNIBus probe supporting the SCADA OPC-UA protocol.
- User requested enhancements, including updates to existing probes:
 - a. Simple Network Management Protocol (SNMP)
 - b. Syslog (greater than 2 GB file support)
- Easier deployment and scale with 64-bit versions of Java probes and gateways.

Network management enhancements

- Extended Event Search Analytics capability, providing network path aware search to support more rapid diagnosis leading to faster resolution times.
- Greater visibility across physical and virtual environments with Cisco Nexus and Check Point Firewall device support that is also available in IBM Tivoli Network Manager V4.1.1.

Key prerequisites

Refer to the [Hardware requirements](#) and [Software requirements](#) sections.

Planned availability date

March 12, 2015: Electronic software delivery

Description

IBM Netcool Operations Insight delivers operations teams with operational insights by leveraging alarm and alert analytics combined with new and enhanced data analytics to drive efficiencies for more agile and leaner operations. This offering, powered by the market-leading fault management capabilities of IBM Tivoli Netcool/OMNIBus and IBM Operations Analytics - Log Analysis, provides powerful event search and analytic capability combined with purpose-built alarm and alert analytics, unified multisolution dashboards, and richer standard capabilities, all in a single solution.

Netcool Operations Insight helps operation teams in business enterprises as well as service providers to understand:

- What is the status of my operation across all of my operations tools and domains?
- How can I quickly identify problems across my entire infrastructure, regardless of how they are monitored?
- I want to improve my operations monitoring environment by reducing the noise in the system.

- What part of my infrastructure can be more efficient and less costly?
- How can I move beyond reactive problem remediation to identify reoccurring problems in order to become more efficient?
- Are there hard to detect problems that reoccur on a regular basis that are impacting my operations efficiency.
- Recurring patterns of related events that may be correlated automatically to more rapidly give focus on high priority incidents

Netcool Operations Insight enables operations in business enterprises as well as communication service providers to:

- Increase operational agility: By leveraging real time analytics to identify emerging problems, enabling proactive resolution.
- Improve operational efficiency: By applying in context Search and Event Analytics to evaluate historical events to gain actionable insight for problem identification and isolation.
- Increase service availability: By leveraging real-time analytics to reduce noise and prioritize most critical events and alarms for faster incident resolution.
- Integrate their problem detection with social media.
- Manage an ever increasing breadth of systems as an integrated whole.
- Combine rich problem management with a deep control of their network infrastructure.

Reference information

For more information about IBM Netcool Operations Insight V1.2, IBM Tivoli Netcool/OMNIBus V8.1, and IBM Tivoli Netcool/Impact V7.1, refer to Software Announcement [214-244](#), dated May 27, 2014.

Program number

Program number	VRM	Program name
5725-Q09	1.3.0	IBM Netcool Operations Insight

Education support

Comprehensive education for IBM Cloud and Smarter Infrastructure and IBM Tivoli products is offered through Cloud and Smarter Infrastructure Software Training and Certification. A wide range of training options are available, including classes led by instructors, learning on demand, on-site training, and blended learning solutions.

For additional information, visit

<http://www-01.ibm.com/software/tivoli/education/>

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

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage^(R) website

Publications

For these products, no printed publications are shipped with the product. The following publications will only be available in PDF format and may be downloaded on the planned availability date, March 12, 2015. The publications can be downloaded from the following website

<ftp://public.dhe.ibm.com/software/tivoli/Netcool/NetcoolOperationsInsight/library/opsinsight130/>

- **IBM Netcool Operations Insight V1.3**

- Quick Start Guide
- Integration Guide
- Tivoli Netcool/OMNIBus Insight Pack README
- Network Manager Insight Pack README

The entire set of documentation is also available online as XHTML files on IBM Knowledge Center. The online documentation will be available on Knowledge Center on the planned availability date at

http://www-01.ibm.com/support/knowledgecenter/SSTPTP_1.3.0/com.ibm.netcool_ops.doc_1.3.0/soc/collaterals/soc_netops_kc_welcome.html

- **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 (WAAP) User's Guide

<http://www-01.ibm.com/support/knowledgecenter/SSSHTQ/landingpage/NetcoolOMNIBus.html>

- **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

<http://www-01.ibm.com/support/knowledgecenter/SSSHYH/welcome>

- **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
<http://www-01.ibm.com/support/knowledgecenter/SSPFMY/welcome>
- **IBM Tivoli Network Manager IP Edition V4.1.1**
 - 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
http://www-01.ibm.com/support/knowledgecenter/SSSHRK_4.1.0/itnm/ip/wip/common/reference/nmip_ref_pdfbookset.html
- **IBM Tivoli Netcool Configuration Manager V6.4.1**
 - Quick Start Guide
 - Installation and Configuration Guide
 - User Guide
 - Administration Guide
 - Reference Guide
 - API Guide
 - NSM REST API Guide
 - Integration Guide
 - Quick Start Guide
 - Release Notes
 - Drivers Release Notes
http://www-01.ibm.com/support/knowledgecenter/SS7UH9_6.4.1/ncm/wip/relnotes/ncm_driversrn.dita

Services

Software Services

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.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Technical information

Specified operating environment

Hardware requirements

Go to the following website and select "Hardware requirements" and then select the information needed under the product version.

<http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarity/index.jsp>

Software requirements

Go to the following website and select "Detailed system requirements" and then select the information needed under the product version.

<http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarity/index.jsp>

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.

Performance considerations

IBM Netcool Operations Insight V1.3 with IBM DB2^(R) offers significantly increased data protection, scalability and performance for its external database intensive operations that are based on IBM 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 IBM 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.

IBM Electronic Support

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement, at no additional charge. Read about the Electronic Support portfolio of tools

<http://ibm.com/electronicssupport>

Access the IBM Support Portal

<http://ibm.com/support>

Access the online Service Request tool

<http://ibm.com/support/servicerequest>

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)

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Direct customer support

Direct customer support is provided by IBM Operational Support Services - SoftwareXcel. This fee service enhances your productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services - SoftwareXcel helps answer questions pertaining to usage and suspected software defects for eligible products. Installation and technical support is provided by Global Services. For more information call 800-IBM-4YOU (426-4968).

For technical support or assistance, contact your IBM representative or visit

<http://www.ibm.com/support>

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 via Passport Advantage. It is not available as shrinkwrap.

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

For more information about IBM Software Value Plus, visit

http://www.ibm.com/partnerworld/page/svp_authorized_portfolio

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

<http://www.ibm.com/partnerworld/wps/bplocator/>

Product group: Cloud & Smarter Infrastructure

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

Product category: Network Management and Performance

Passport Advantage

Program name/Description	Part number
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Server Lic + SW S&S 12 Mo	D141VLL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Server Annual SW S&S Rnwl	E0J97LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Server SW S&S Reinstate 12 Mo	D141WLL
IBM Netcool Operations Insight - Operations Management PA Managed	D141ZLL

Program name/Description	Part number
Virtual Server for Linux™ on System z ^(R) Lic + SW S&S 12 Mo	
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Server for Linux on System z Annual SW S&S Rnwl	E0J98LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Server for Linux on System z SW S&S Reinstate 12 Mo	D1420LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Network Device Lic + SW S&S 12 Mo	D1421LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Network Device Annual SW S&S Rnwl	E0J99LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Network Device SW S&S Reinstate 12 Mo	D1422LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Network Device for Linux on System z Lic + SW S&S 12 Mo	D1426LL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Network Device for Linux on System z Annual SW S&S Rnwl	E0J9ALL
IBM Netcool Operations Insight - Operations Management PA Managed Virtual Network Device for Linux on System z SW S&S Reinstate 12 Mo	D1427LL
IBM Netcool Operations Insight - Operations Management PA per 10 Managed Client Device Lic + SW S&S 12 Mo	D1428LL
IBM Netcool Operations Insight - Operations Management PA per 10 Managed Client Device Annual SW S&S Rnwl	E0J9BLL
IBM Netcool Operations Insight - Operations Management PA per 10 Managed Client Device SW S&S Reinstate 12 Mo	D1429LL
IBM Netcool Operations Insight - Operations Management PA per 10 Managed Client Device for Linux on System z Lic + SW S&S 12 Mo	D142BLL
IBM Netcool Operations Insight - Operations Management PA per 10 Managed Client Device for Linux on System z Annual SW S&S Rnwl	E0J9CLL
IBM Netcool Operations Insight - Operations Management PA per 10 Managed Client Device for Linux on System z SW S&S Reinstate 12 Mo	D142CLL
IBM Netcool Operations Insight - Connection PA per Connection Lic + SW S&S 12 Mo	D142DLL
IBM Netcool Operations Insight - Connection PA per Connection Annual SW S&S Rnwl	E0J9DLL
IBM Netcool Operations Insight - Connection PA per Connection SW S&S Reinstate 12 Mo	D142ELL

Program name/Description	Part number
IBM Netcool Operations Insight - Connection PA per Connection for Linux on System z Lic + SW S&S 12 Mo	D142KLL
IBM Netcool Operations Insight - Connection PA per Connection for Linux on System z Annual SW S&S Rnwl	E0J9ELL
IBM Netcool Operations Insight - Connection PA per Connection for Linux on System z SW S&S Reinstate 12 Mo	D142LLL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Server Lic + SW S&S 12 Mo	D15ITLL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Server Annual SW S&S Rnwl	E0JS7LL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Server SW S&S Reinstate 12 Mo	D15IULL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Server for Linux on System z Lic + SW S&S 12 Mo	D15IXLL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Server for Linux on System z Annual SW S&S Rnwl	E0JS8LL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Server for Linux on System z SW S&S Reinstate 12 Mo	D15IYLL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Network Device Lic + SW S&S 12 Mo	D15J0LL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Network Device Annual SW S&S Rnwl	E0JS9LL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Network Device SW S&S Reinstate 12 Mo	D15J1LL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Network Device for Linux on System z Lic + SW S&S 12 Mo	D15J7LL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Network Device for Linux on System z Annual SW S&S Rnwl	E0JSALL
IBM Netcool Operations Insight - Network Management PA per Managed Virtual Network Device for Linux on System z SW S&S Reinstate 12 Mo	D15J8LL
IBM Netcool Operations Insight - Network Management PA Network Management per 10 Managed Client Device Lic + SW S&S 12 Mo	D15JCLL
IBM Netcool Operations Insight - Network Management PA Network Management per 10 Managed Client Device Annual SW S&S Rnwl	E0JSBLL
IBM Netcool Operations Insight - Network Management PA Network Management per 10 Managed Client Device SW S&S Reinstate 12 Mo	D15JDLL
IBM Netcool Operations Insight - Network Management PA Network Management	D15JHLL

Program name/Description	Part number
per 10 Managed Client Device for Linux on System z Lic + SW S&S 12 Mo	
IBM Netcool Operations Insight - Network Management PA Network Management per 10 Managed Client Device for Linux on System z Annual SW S&S Rnwl	E0JSCLL
IBM Netcool Operations Insight - Network Management PA Network Management per 10 Managed Client Device for Linux on System z SW S&S Reinstate 12 Mo	D15JILL

Passport Advantage trade up

You must have previously acquired a license for the following precursor product to be eligible to acquire an equivalent license of the trade-up product.

Trade ups from IBM Tivoli Netcool/OMNIbus to IBM Netcool Operations Insight - Operations Management chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Tivoli Netcool/OMNIbus	IBM Netcool Operations Insight	
OMNIbus Device	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D141XLL
OMNIbus Device for Linux on System z	Managed Virtual Server Z Trdup Lic + SW S&S 12 Mo	D143QLL
OMNIbus Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D1423LL
OMNIbus Device for Linux on System z	Managed Virtual Network Device Z Trdup Lic + SW S&S 12 Mo	D143SLL
OMNIbus Basic Device	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D142ALL
OMNIbus Basic Device Linux on System z	10 Managed Client Device Z Trdup Lic + SW S&S 12 Mo	D143VLL

Trade ups from IBM Netcool Network Management to IBM Netcool Operations Insight - Operations Management chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Netcool Network Management	IBM Netcool Operations Insight	
Entry Device	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D15R1LL
Entry Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15QZLL
Entry Device	Managed Virtual Network Device Z Trdup Lic + SW S&S 12 Mo	D15QXLL
Entry Device Linux on Syst z	Managed Virtual Server Z Trdup Lic + SW S&S 12 Mo	D15R5LL
Combined Device	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D15R2LL

Precursor product	Trade-up product	Trade-up part number
Combined Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15R0LL
Event Device	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D15RWLL
Event Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15QYLL
Event Device	Managed Virtual Network Device Z Trdup Lic + SW S&S 12 Mo	D15QWLL
Event Device Linux on Syst z	Managed Virtual Server Z Trdup Lic + SW S&S 12 Mo	D15R3LL
Event Basic Device	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15QTLL
Event Basic Device Linux on Syst z	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15QSLL

Trade ups from IBM Netcool Network Management to IBM Netcool Operations Insight - Network Management chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Netcool Network Management	IBM Netcool Operations Insight	
Entry Device	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D15IVLL
Combined Device	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D15IWLL
Entry Device Linux on Syst z	Managed Virtual Server Trdup Lic + SW S&S 12 Mo	D15IZLL
Entry Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15J2LL
Combined Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15J3LL
Network Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15J4LL
Configuration Standard Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15J5LL
SmartModel Device Resource	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15J6LL
SmartModel Complex Device Resource	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15KILL
Entry Device Linux on Syst z	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15J9LL
Network Device Linux on Syst z	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15JALL

Precursor product	Trade-up product	Trade-up part number
Network Basic Device Linux on Syst z	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15JJLL
Network Basic Device	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15JELL
Configuration Standard Basic Device	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15JFLL
SmartModel Basic Device Resource	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15JGLL

Trade ups from IBM Tivoli Network Manager to IBM Netcool Operations Insight - Network Management chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Tivoli Network Manager	IBM Netcool Operations Insight	
Network Device Tier Resource	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15KJLL
Network Basic Device Tier Resource	10 Managed Client Devices Trdup Lic + SW S&S 12 Mo	D15KNLL
Network Device Tier Resource Linux on Syst z	Managed Virtual Network Device Linux on Syst z Trdup Lic + SW S&S 12 Mo	D15JBLL
Network Basic Device Tier Resource Linux on Syst z	10 Managed Client Device Trdup Lic + SW S&S 12 Mo	D15JKLL

Trade ups from IBM Tivoli Netcool Configuration Manager to IBM Netcool Operations Insight - Network Management chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Tivoli Netcool Configuration Manager	IBM Netcool Operations Insight	
Configuration Standard Device	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15KKLL
SmartModel Device Resource	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15KLLL
SmartModel Complex Device Resource	Managed Virtual Network Device Trdup Lic + SW S&S 12 Mo	D15KMLL
Configuration Standard Basic Device Resource	10 Managed Client Devices Trdup Lic + SW S&S 12 Mo	D15KPLL
SmartModel Basic Device Resource	10 Managed Client Devices Trdup Lic + SW S&S 12 Mo	D15KQLL

Trade ups from IBM Tivoli Netcool/OMNIbus to IBM Netcool Operations Insight - Connection chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Tivoli Netcool/OMNIbus	IBM Netcool Operations Insight	
OMNIbus Event Forwarding	Connection Trdup Lic + SW S&S 12 Mo	D142FLL

Precursor product	Trade-up product	Trade-up part number
OMNIBus Event Forwarding Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D143WLL
OMNIBus Data Exchange	Connection Trdup Lic + SW S&S 12 Mo	D142GLL
OMNIBus Data Exchange Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D143XLL

Trade ups from IBM Netcool Network Management to IBM Netcool Operations Insight - Connection chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Netcool Network Management	IBM Netcool Operations Insight	
Event Forwarding	Connection Trdup Lic + SW S&S 12 Mo	D15QQLL
Event Forwarding Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D15QNLL
Data Exchange	Connection Trdup Lic + SW S&S 12 Mo	D15QRLL
Data Exchange Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D15QPLL

Trade ups from IBM Tivoli Netcool/Impact to IBM Netcool Operations Insight - Connection chargeable component

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Tivoli Netcool/Impact	IBM Netcool Operations Insight	
Impact Data Source Adapter Tier 1	Connection Trdup Lic + SW S&S 12 Mo	D142HLL
Impact Data Source Adapter Tier 2	Connection Trdup Lic + SW S&S 12 Mo	D142ILL
Impact Data Source Adapter Tier 3	Connection Trdup Lic + SW S&S 12 Mo	D142JLL
Impact Data Source Adapter Tier 1 Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D143YLL
Impact Data Source Adapter Tier 2 Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D143ZLL
Impact Data Source Adapter Tier 3 Linux on System z	Connection Z Trdup Lic + SW S&S 12 Mo	D1440LL

Consult your IBM representative if you have any questions.

Trade ups from IBM Tivoli Enterprise Console^(R) to IBM Tivoli Netcool/OMNIBus

Precursor product	Trade-up product	Trade-up part number
From:	To:	
IBM Tivoli Enterprise Console	IBM Tivoli Netcool/OMNIBus	
Tivoli Enterprise Console RVU	Netcool/OMNIBus Event Device Tier per RVU Trdup Lic + SW S&S 12 Mo	D0BAVLL
Tivoli Enterprise Console RVU zLinux	Netcool/OMNIBus Event Device Tier per RVU for Linux on z System Trdup Lic + SW S&S 12 Mo	D0BB1LL
Tivoli Enterprise Console RVU	Netcool/OMNIBus Event EMS Tier per RVU Trdup Lic + SW S&S 12 Mo	D0BB7LL

Precursor product	Trade-up product	Trade-up part number
Tivoli Enterprise Console RVU zLinux	Netcool/OMNIbus Event EMS Tier per RVU for Linux on z System Trdup Lic + SW S&S 12 Mo	D0BBILL
Tivoli Enterprise Console	Netcool/OMNIbus Base Per Install for Linux on z System Trdup Lic + SW S&S 12 Mo	D0BV5LL
Tivoli Enterprise Console	Netcool/OMNIbus Base Per Install Trdup Lic + SW S&S 12 Mo	D0BV6LL

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.

Media packs description	Part number
IBM Netcool Operations Insight V1.3 MultiPlatforms English Media Pack	BP01UEN

Charge metric

Program name	Part number or PID number	Charge metric
IBM Netcool Operations Insight	5725-Q09	
Operations Management Lic + SW S&S 12 Mo	D141VLL	Managed Virtual Server
Operations Management Lic + SW S&S 12 Mo	D141ZLL	Managed Virtual Server for Linux™ on System z ^(R)
Operations Management Lic + SW S&S 12 Mo	D1421LL	Managed Virtual Network Device
Operations Management Lic + SW S&S 12 Mo	D1426LL	Managed Virtual Network Device for Linux on System z
Operations Management Lic + SW S&S 12 Mo	D1428LL	per 10 Managed Client Device
Operations Management Lic + SW S&S 12 Mo	D142BLL	per 10 Managed Client Device for Linux on System z
Connection Lic + SW S&S 12 Mo	D142DLL	per Connection
Connection Lic + SW S&S 12 Mo	D142KLL	per Connection for Linux on System z
Network Management Lic + SW S&S 12 Mo	D15ITLL	per Managed Virtual Server
Network Management Lic + SW S&S 12 Mo	D15IXLL	per Managed Virtual Server for Linux on System z
Network Management Lic + SW S&S 12 Mo	D15J0LL	per Managed Virtual Network Device
Network Management Lic + SW S&S 12 Mo	D15J7LL	per Managed Virtual Network Device for Linux on System z
Network Management Lic + SW S&S 12 Mo	D15JCLL	Network Management per 10 Managed Client Device
Network Management Lic + SW S&S 12 Mo	D15JHLL	Network Management per 10 Managed Client Device

IBM Netcool Operations Insight V1.3 is entitled using the following metric definitions.

Managed Virtual Server: Licensee must obtain entitlement for each Virtual Server managed by the program regardless of any intermediate consolidation application. An unpartitioned physical server counts as a single virtual server. Examples of

servers include, but are not limited to, servers, logical partitions, and Integrated Facility for Linux (IFL) processors.

Managed Virtual Network Device: Licensee must obtain entitlement for each Virtual Network Device managed by the program regardless of any intermediate consolidation application. An unpartitioned physical device counts as a single virtual Network Device. Examples of Network Device include, but are not limited to, switches, routers, bridges, hubs, and firewalls.

Managed Client Device: Licensee must obtain entitlement for each Client Device managed by the program regardless of any intermediate consolidation application. Examples of Client Device include, but are not limited to, actuators, appliances, automated teller machines, automatic meter readers, cash registers, disk drives, desktop computers, kiosks, notebook computers, personal digital assistant, point-of-sale terminals, sensors, smart meters, tape drives, technical workstations printers, VoIP telephones, dsl modems, cable modems, and assets such as production equipment, facilities-related items, and transportation-related items.

IBM Netcool Operations Insight is priced using the above metrics applied to the following components.

IBM Netcool Operations Insight Operations Management: This part is entitled by Managed Virtual Server, Managed Virtual Network Device, and Managed Client Device. The licensee must obtain entitlement for each Virtual Server, Virtual Network Device, and Client Device managed by the program where the Insight functionality is required. This covers event management, enrichment, event search and seasonality.

IBM Netcool Operations Insight Network Management: This part is entitled by Managed Virtual Server, Managed Virtual Network Device, and Managed Client Device. The licensee must obtain entitlement for each Virtual Server, Virtual Network Device, and Client Device managed by the program where Network Management functionality is required. This covers discovery, polling and configuration management.

IBM Netcool Operations Insight Connection: Each instance of an application or system integrated with the program for purposes other than event collection is considered to be a Connection. Examples include, but are not limited to, use of the program's gateways, data source adaptors, or API for the purposes for event archive, integration with Trouble Ticketing, and other Operational Support Systems.

Integrations to the licensee's IBM Cloud and Smarter Infrastructure applications, excluding SmartCloud Orchestrator, or the forwarding of current active data for display in user interfaces are not counted.

The program has embedded high availability and is licensed solely on the basis of the environment managed. For the avoidance of doubt this means that no additional entitlements are required to entitle high availability.

Use of IBM SmartCloud Analytics - Log Analysis is limited to the processing of events managed by the program and the application log files generated by the program. Search of additional data types (for example, trouble tickets, third party logs, and support documentation) is also entitled for 2 Gb per day averaged over 30 days. Separate entitlement is required for any other use of IBM SmartCloud Analytics - Log Analysis.

For more information on the licensing metric definitions, go to the [Reference information](#) section.

Install

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

Resource Value Unit (RVU)

RVU is a unit of measure by which the program can be licensed. RVU Proofs of Entitlement (PoEs) are based on the number of units of a specific resource used or managed by the program. Licensee must obtain sufficient entitlements for the number of RVUs required for licensee's environment for the specific resources as specified in the program specific table. RVU entitlements are specific to the program and the type of resource and may not be exchanged, interchanged, or aggregated with RVU entitlements of another program or resource. Refer to the program specific RVU table.

Notes:

- Some programs may require licenses for the resources available to **and** the resources being managed by the program. In that case, the following applies. In addition to the entitlements required for the resources used by the program directly, licensee must obtain entitlements for this program sufficient to cover the resources managed by the program.
- Some programs may be licensed on a managed basis **only**. In that case, the following applies. Instead of the entitlements required for the resources used by the program directly, licensee must obtain entitlements for this program sufficient to cover the resources managed by the program.

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License Information number

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Yes

Limited warranty

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Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

Software Subscription and Support applies

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No

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Not applicable.

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Prices

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