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## Logging levels

This section details the behavior of Tivoli Intelligent ThinkDynamic Orchestrator logs based on how the logging levels are defined.

The logging level hierarchy for Tivoli Intelligent ThinkDynamic Orchestrator is shown in the following table:

Logging level	Description
<code>msg_errorcom.thinkdynamics.kanaha.util.logging.MessageLevel</code>	Extended for message logs
<code>msg_warncom.thinkdynamics.kanaha.util.logging.MessageLevel</code>	Extended for message logs
<code>msg_infocom.thinkdynamics.kanaha.util.logging.MessageLevel</code>	Extended for message logs
<code>error</code>	Default log4j level — trace logs
<code>warn</code>	Default log4j level — trace logs
<code>info</code>	Default log4j level — trace logs
<code>debug</code>	Default log4j level — trace logs

The extended logging levels are the highest levels in the logging hierarchy. These levels are set exclusively for the messages, which are globalized and distinct from the trace logs. Trace logs are available only in English.

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## Configuring logs with log4j

Log data in Tivoli Intelligent ThinkDynamic Orchestrator is managed by log4j, an established open source logging tool. This section details the default log4j settings, the customized Tivoli Intelligent ThinkDynamic Orchestrator settings, and how you can modify settings dynamically. For complete log4j documentation, go to <http://logging.apache.org/log4j/docs/documentation.htm>

The data from the `msg.log`, `trace.log`, and `console.log` files are recorded based on the default logging levels and configuration parameters set in the `log4j.prop` file.

### log4j.prop

The `log4j.prop` file, shown below, defines the default configuration for the message files as well as the trace logs.

```
# output directory. Can be overwritten with -Dkanaha.logs=<directory>
#
kanaha.logs=logs

# message formats
# normal used to write to console.log
# error used to format error messages (prints location of a problem)
# module is meant for messages written module specific files
#
output.normal=%d{ISO8601} %-5p [%t] (%13F:%1L) %c{2}: %m%n
output.error=%d{ISO8601} %-5p [%t] (%13F:%1L): %m%n
output.module=%d{ISO8601} %-5p [%t] (%13F:%1L): %m%n

#
# configure root category
# note that this configuration is inherited by all other categories (see
# example below if you want to suppress this behaviour)
```

# Ibm Tivoli Monitoring Problem Determination Guide

**Jessica J Manson**

A red circular graphic with a gradient, appearing as a partial circle or a stylized 'C' shape, located to the right of the author's name.

## **Ibm Tivoli Monitoring Problem Determination Guide:**

**IBM Midmarket Software Buying and Selling Guide** LindaMay Patterson, IBM Redbooks, 2010-07-12 The IBM Midmarket Software Buying and Selling Guide is tailored specifically to help the management and IT staff of small and mid-sized businesses evaluate how the IBM midmarket portfolio can provide simple and cost effective solutions to common business problems Along with a midmarket customer focus this IBM Redpaper™ publication is designed to help IBM teams and Business Partners be more effective in serving small and mid-sized businesses We illustrate how IBM software for the midmarket can help businesses use the Web to reduce expenses improve customer service and expand into new markets We cover the IBM software offering for the midmarket which includes what the software does the platforms it runs on where to find more information and how it can help your business become more profitable IBM Business Partners often keep a printed copy of this guide in their briefcases for software references Customers can view this guide online and look up software value messages and IBM product family offering comparisons IBM Sales Representatives can print parts of this guide as leave behinds for customers to give them extra collateral on midmarket software of interest To make sure that you have the latest version of this guide download it from this web address <http://www.redbooks.ibm.com/abstracts/redp3975.html> Open

Integration Guide for IBM Tivoli Netcool/OMNIBus, IBM Tivoli Network Manager, and IBM Tivoli Netcool Configuration Manager J Michael Apgar, Dietger Bahn, Hande Cirali, Robert Clancy, Vasfi Gucer, Manav Gupta, William King, Jennifer Parker, IBM Redbooks, 2010-10-21 This IBM Redbooks publication covers the integration scenarios for IBM Tivoli Network Manager IBM Tivoli Netcool OMNIBus and IBM Tivoli Netcool Configuration Manager These three products working together provide a comprehensive solution for network and event management and network configuration management within the context of service availability and performance management Tivoli Network Manager and Tivoli Netcool OMNIBus are long established products in the IBM portfolio Tivoli Netcool Configuration Manager from the Intellident acquisition is a new product in the portfolio and provides a comprehensive network configuration and change management solution and a policy based network compliance solution for managing network devices in complex rapidly changing environments This book describes practical examples and use cases where these products work together to address network configuration management and event management requirements IT architects and IT specialists working on integrating these Tivoli products in real life environments will benefit from this book WebSphere Configuration and Administration Guide Richard Johnson, 2025-06-18 WebSphere Configuration and Administration Guide The WebSphere Configuration and Administration Guide is a definitive end to end resource for IT professionals tasked with designing deploying and managing IBM WebSphere environments Meticulously structured the guide navigates through foundational WebSphere architecture including the intricate relationships among cells nodes and clusters before delving into advanced topics such as network deployment security zoning integration with enterprise systems and cloud native computing paradigms Each chapter equips

readers with practical strategies and architectural insight for creating scalable secure and resilient WebSphere installations addressing both on premises and hybrid cloud scenarios Comprehensive in scope the book provides actionable guidance on all critical lifecycle tasks from installation automated deployments and platform hardening to ongoing administration application lifecycle management and performance optimization Expert level coverage is given to administration interfaces including the Integrated Solutions Console wsadmin scripting with Jython and Jacl and RESTful APIs enabling robust automation and fine grained controls Dedicated sections unravel complex security models directory integration SSL TLS management as well as end to end monitoring event management and compliance auditing ensuring that platforms not only perform optimally but also meet stringent enterprise and regulatory requirements With a forward looking perspective the guide concludes on advanced troubleshooting practices DevOps enablement containerization and governance best practices preparing organizations to modernize and future proof their WebSphere investments Readers will find a trove of expert advice on configuration management continuous integration platform scaling microservices adoption and effective documentation This exhaustive reference is indispensable for architects administrators and DevOps practitioners striving for operational excellence automation and strategic evolution in enterprise Java platforms

**Performance Tuning for IBM Security Directory Server** Annemarie Fitterer,Dave Bachmann,David Butler,Ben Matteson,Ramamohan T. Reddy,Sujay Shinde,Rick Smith,IBM Redbooks,2014-04-02 In today s highly connected world directory servers are the IT cornerstone of many businesses These components of the corporate infrastructure are the foundation of authentication systems for internal and more commonly external user populations Managing a directory server with several hundred internal users is not all that difficult However managing a directory server with several million external users in all 24 time zones throughout the world is a much more daunting task IBM Security Directory Server software can handle millions of entries given the right architecture configuration and performance tuning However that tuning can differ greatly from tuning for a smaller server with only a few hundred thousand entries Managing and tuning a directory server of this size requires a change in mindset Tuning and performance must be a focus even before the hardware is ordered A proactive approach must be taken after installation also including the pretuning steps to better interface with other products to make installations and migrations successful and then regular maintenance to keep the directory running smoothly This IBM Redbooks publication is the accumulation of lessons learned in many different real world environments including a 24 server fault tolerant configuration with more than 300 million entries The authors pooled their knowledge and resources to provide the most comprehensive performance view possible from hardware to software sort heaps to buffer pools and table cardinalities In large directory server deployments use this document as a guide for how to get the right fit for your environment

**IBM Tivoli Storage Productivity Center V5.1 Technical Guide** Mary Lovelace,Mark Blunden,Daniel Frueh,Curtis Neal,Danijel Paulin,Christian Sonder,Markus Standau,IBM Redbooks,2014-04-08 IBM Tivoli Storage Productivity Center V5 1 products offer storage

infrastructure management that helps optimize storage management by centralizing simplifying automating and optimizing storage tasks associated with storage systems data disaster recovery storage networks and capacity management IBM Tivoli Storage Productivity Center V5.1 products include IBM Tivoli Storage Productivity Center V5.1 IBM Tivoli Storage Productivity Center Select Edition V5.1 Tivoli Storage Productivity Center V5.1 is designed to provide device management capabilities such as automated system discovery provisioning data replication configuration and performance monitoring for storage systems and storage networks Tivoli Storage Productivity Center Select Edition V5.1 offers the same features as Tivoli Storage Productivity Center V5.1 but at attractive entry level pricing for operations with smaller capacities It is licensed per storage device such as disk controllers and their respective expansion units This IBM Redbooks publication is intended for storage administrators and users who are installing and using the features and functions in IBM Tivoli Storage Productivity Center V5.1 The information in this book can be used to plan for install and customize the components of Tivoli Storage Productivity Center in your storage infrastructure

**IBM Intelligent Operations Center for Smarter Cities Administration Guide** Bhowmick Arundhati, Eduardo Francellino, Luis Glehn, Robert Lored, Pam Nesbitt, Shi Wei Yu, Sunil Mishra, IBM Redbooks, 2012-11-30 IBM defines a smarter city as one that makes optimal use of all available information to better understand and control its operations and optimize the use of resources There is much information available from different sources However city officials often lack the holistic view of the city's operations that is required to respond to the citizens needs in a timely manner and use the city resources wisely IBM Intelligent Operations Center delivers a unified view of city agencies providing three primary elements for successful management of cities use information anticipate problems and coordinate actions and resources Chapter 1 of this IBM Redbooks publication introduces the IBM Intelligent Operations Center solution The chapter provides a high level overview of its features benefits and architecture This information is intended for city officials and IT architects that must understand the business value of IBM Intelligent Operations Center and its architecture The remaining chapters of this book focus on information that help IBM Intelligent Operations Center administrators perform daily administration tasks This book describes commands and tools that IBM Intelligent Operations Center administrators must use to keep the solution running troubleshoot and diagnose problems and perform preventive maintenance This book includes preferred practices tips and techniques and general suggestions for administrators of IBM Intelligent Operations Center on premises deployments For related information about this topic refer to the following IBM Redbooks publications IBM Intelligent Operations Center for Smarter Cities Redpaper REDP 4939 IBM Intelligent Operations Center for Smarter Cities Solution Guide [IBM Tivoli Storage Productivity Center V5.2 Release Guide](#) Karen Orlando, Paolo D'Angelo, Brian De Guia, Mary Lovelace, Curtis Neal, Christian Sonder, Markus Standau, IBM Redbooks, 2014-10-19 IBM Tivoli Storage Productivity Center V5.2 is a feature rich storage management software suite The integrated suite provides detailed monitoring reporting and management within a single console In addition implementing the IBM SmartCloud Virtual Storage

Center VSC license with Tivoli Storage Productivity Center addresses new workloads that require massive scale and rapid pace and accelerates business insight by adding advanced analytics functions such as storage optimization provisioning and transformation This IBM Redbooks publication is intended for storage administrators and users who are installing and using the features and functions in IBM Tivoli Storage Productivity Center V5.2 The information in this Redbooks publication can be used to plan for install and customize the components of Tivoli Storage Productivity Center in your storage infrastructure Note This IBM Redbooks publication is written and based on Tivoli Storage Productivity Center V5.2.2 Sections in this book that pertain to advanced analytics including cloud configuration provisioning transforming volumes and storage optimization all require the IBM SmartCloud Virtual Storage Center license to be installed

**IBM zEnterprise BC12 Technical Guide**  
Octavian Lascu, Hua Bin Chu, Ivan Dobos, Luiz Fadel, Wolfgang Fries, Parwez Hamid, Fernando E Nogal, Frank Packheiser, Ewerson Palacio, Martijn Raave, Vicente Ranieri Jr., Andre Spahni, Chen Zhu, IBM Redbooks, 2015-03-03

The popularity of the Internet and the affordability of information technology IT hardware and software have resulted in an explosion dramatic increase in the number of applications architectures and platforms Workloads have changed Many applications including mission critical ones are deployed on a variety of platforms and the IBM System z design has adapted to this change It takes into account a wide range of factors including compatibility and investment protection to match the IT requirements of an enterprise This IBM Redbooks publication provides information about the IBM zEnterprise BC12 zBC12 an IBM scalable mainframe server IBM is taking a revolutionary approach by integrating separate platforms under the well proven System z hardware management capabilities while extending System z qualities of service to those platforms The zEnterprise System consists of the zBC12 central processor complex the IBM zEnterprise Unified Resource Manager and the IBM zEnterprise BladeCenter Extension zBX The zBC12 is designed with improved scalability performance security resiliency availability and virtualization The zBC12 provides the following improvements over its predecessor the IBM zEnterprise 114 z114 Up to a 36% performance boost per core running at 4.2 GHz Up to 58% more capacity for traditional workloads Up to 62% more capacity for Linux workloads The zBX infrastructure works with the zBC12 to enhance System z virtualization and management through an integrated hardware platform that spans mainframe IBM POWER7 and IBM System x technologies The federated capacity from multiple architectures of the zEnterprise System is managed as a single pool of resources integrating system and workload management across the environment through the Unified Resource Manager This book provides an overview of the zBC12 and its functions features and associated software support Greater detail is offered in areas relevant to technical planning This book is intended for systems engineers consultants planners and anyone who wants to understand zEnterprise System functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM System z technology and terminology

*IBM zEnterprise EC12 Technical Guide* Octavian Lascu, Ivan Dobos, Wolfgang Fries, Hua Bin Chu, Luiz Fadel, Martijn Raave, Fernando

Nogal, Frank Packheiser, Vicente Ranieri, Ewerson Palacio, Andre Spahni, Chen Zhu, Parwez Hamid, IBM Redbooks, 2015-03-04

The popularity of the Internet and the affordability of IT hardware and software have resulted in an explosion of applications architectures and platforms. Workloads have changed. Many applications including mission critical ones are deployed on various platforms and the IBM System z design has adapted to this change. It takes into account a wide range of factors including compatibility and investment protection to match the IT requirements of an enterprise. This IBM Redbooks publication addresses the new IBM zEnterprise System. This system consists of the IBM zEnterprise EC12, zEC12, an updated IBM zEnterprise Unified Resource Manager and the IBM zEnterprise BladeCenter Extension zBX Model 003. The zEC12 is designed with improved scalability, performance, security, resiliency, availability and virtualization. The superscalar design allows the zEC12 to deliver a record level of capacity over the prior System z servers. It is powered by 120 of the world's most powerful microprocessors. These microprocessors run at 5.5 GHz and are capable of running more than 75,000 millions of instructions per second (MIPS). The zEC12 Model HA1 is estimated to provide up to 50% more total system capacity than the IBM zEnterprise 196 z196 Model M80. The zBX Model 003 infrastructure works with the zEC12 to enhance System z virtualization and management. It does so through an integrated hardware platform that spans mainframe, IBM POWER7 and IBM System x technologies. Through the Unified Resource Manager, the zEnterprise System is managed as a single pool of resources integrating system and workload management across the environment. This book provides information about the zEnterprise System and its functions, features and associated software support. Greater detail is offered in areas relevant to technical planning. It is intended for systems engineers, consultants, planners and anyone who wants to understand the zEnterprise System functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM System z technology and terminology.

**IBM Tivoli Change and Configuration Management Database (CCMDB) V7.2.1 Implementation Guide** Yatresh Agarwal, Bill Cary, Sandy Cash, Leandro Cassa, Brian Demartini, Chris Duplantis, Alisson Negrisoló de Godoi, Douglas Barranqueiros Gomes, Vasfi Gucer, Murat Kipel, Antonio Orlando Neto, Caio Elias Saad, Ghufraan Shah, Peterson Domingos Tamarindo, Krishnan Venkitasubramanian, IBM Redbooks, 2010-12-13

The IBM Tivoli Change and Configuration Management Database (CCMDB) is one of the key components of the IBM Service Management (ISM) strategy. It is the foundation for automating and supporting change and configuration management processes as described by the Information Technology Infrastructure Library (ITIL). These process solutions provide best practice implementations of processes based not only on ITIL but on the IBM Process Reference Model for ITTM and other standards as well. This IBM Redbooks publication provides information that can be used by clients, partners or IBM field personnel who are looking to engage in an effort to implement change and configuration management processes in an enterprise environment utilizing the IBM Tivoli Change and Configuration Management Database (CCMDB) V7.2.1 product. It covers the new features available with CCMDB V7.2 and CCMDB V7.2.1 as well as

details about the underlying components of the product and utilizing the product to support robust IT processes such as change and configuration management It also focuses on the details of the data model process engine and the Change and Configuration management Process Management Programs PMPs This book provides a reference for IT Specialists and IT Architects working with the CCMDB V7 2 1 product *IBM z13 Technical Guide* Octavian Lascu,Edzard Hoogerbrug,Cecilia A De Leon,Ewerson Palacio,Franco Pinto,Barbara Sannerud,Martin Soellig,John Troy,Jin Yang,IBM Redbooks,2016-11-11

Digital business has been driving the transformation of underlying IT infrastructure to be more efficient secure adaptive and integrated Information Technology IT must be able to handle the explosive growth of mobile clients and employees IT also must be able to use enormous amounts of data to provide deep and real time insights to help achieve the greatest business impact This IBM Redbooks publication addresses the IBM Mainframe the IBM z13™ The IBM z13 is the trusted enterprise platform for integrating data transactions and insight A data centric infrastructure must always be available with a 99 999% or better availability have flawless data integrity and be secured from misuse It needs to be an integrated infrastructure that can support new applications It needs to have integrated capabilities that can provide new mobile capabilities with real time analytics delivered by a secure cloud infrastructure IBM z13 is designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows the z13 to deliver a record level of capacity over the prior IBM z Systems™ In its maximum configuration z13 is powered by up to 141 client characterizable microprocessors cores running at 5 GHz This configuration can run more than 110 000 millions of instructions per second MIPS and up to 10 TB of client memory The IBM z13 Model NE1 is estimated to provide up to 40% more total system capacity than the IBM zEnterprise EC12 zEC1 Model HA1 This book provides information about the IBM z13 and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the IBM z Systems functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM z Systems technology and terminology *IBM WebSphere Application Server V8.5 Administration and Configuration Guide for Liberty Profile* Anil Esen,Toshiyuki Iue,Neil Patterson,Jennifer Ricciuti,IBM Redbooks,2015-10-26

IBM WebSphere Application Server V8 5 includes a Liberty profile which is a highly composable dynamic application server profile It is designed for two specific use cases Developers with a smaller production runtime and production environments For developers it focuses on the tasks that a developer does most frequently and makes it possible for the developer to complete those tasks as quickly and as simply as possible For production environments it provides a dynamic small footprint runtime to be able to maximize system resources This IBM Redbooks publication targets administrators of Liberty environments It provides the information needed to create configure and manage Liberty servers It includes information about managing multiple servers in an installation including the use of the new administrative capabilities introduced in WebSphere Application Server V8 5 5 7 The following



publications are companion publications for this book WebSphere Application Server New Features in V8 5 5 REDP 4870 WebSphere Application Server V8 5 5 Technical Overview REDP 4855 IBM WebSphere Application Server V8 5 Concepts Planning and Design Guide SG24 8022 WebSphere Application Server Liberty Profile Guide for Developers SG24 8076

*Identity Management Design Guide with IBM Tivoli Identity Manager* Axel Buecker, Dr. Werner Filip, Jaime Cordoba Palacios, Andy Parker, IBM Redbooks, 2009-11-06 Identity management is the concept of providing a unifying interface to manage all aspects related to individuals and their interactions with the business It is the process that enables business initiatives by efficiently managing the user life cycle including identity resource provisioning for people users and by integrating it into the required business processes Identity management encompasses all the data and processes related to the representation of an individual involved in electronic transactions This IBM Redbooks publication provides an approach for designing an identity management solution with IBM Tivoli Identity Manager Version 5 1 Starting from the high level organizational viewpoint we show how to define user registration and maintenance processes using the self registration and self care interfaces as well as the delegated administration capabilities Using the integrated workflow we automate the submission approval processes for identity management requests and with the automated user provisioning we take workflow output and automatically implement the administrative requests on the environment with no administrative intervention This book is a valuable resource for security administrators and architects who wish to understand and implement a centralized identity management and security infrastructure Tivoli Integration Scenarios Redbooks Tivoli Integration Scenarios Team IBM, Andre Ricardo Cavalcanti de Araujo, Antonio Orlando Neto, Ayron Dal Pont, Bill J Layne, Bruno Caiado Paranhos Carneiro, Bruno Nogueira Costa, Carlos Alexandre Salgado Penante, Carlos Felipe Franca da Fonseca, Carolina Escribano Sanchez, Datta S Khot, David Kwock, David Stephenson, Diogo Tadeu Silva de Araujo, Douglas Barranqueiros Gomes, Eravimangalath P Naveen, Krishnan Venkitasubramanian, Leucir Marin Junior, Harshini Mariswamy, Johan Raeymaeckers, Marcel Dubiella Ferreira de Oliveira, Marcel Laurenz, Marianne Hardh, Mario Schuerewegen, Miguel Sanders, Murat Kipel, Rishikesh Kumar, Neetha Mangalore, Ozgun Odabasi, Pankaj Pandey, Rafael Risso Moleiro, Sabri Kizanlik, Sandy Cash, Soumyadeep Paul, Tomasz Sekman, Vasfi Gucer, Yatresh K Agarwal, IBM Redbooks, 2011-01-11 This IBM Redbooks publication provides a broad view of how Tivoli system management products work together in several common scenarios You must achieve seamless integration for operations personnel to work with the solution This integration is necessary to ensure that the product can be used easily by the users Product integration contains multiple dimensions such as security navigation data and task integrations Within the context of the scenarios in this book you see examples of these integrations The scenarios implemented in this book are largely based on the input from the integration team and several clients using IBM products We based these scenarios on common real life examples that IT operations often have to deal with Of course these scenarios are only a small subset of the possible integration scenarios that

can be accomplished by the Tivoli products but they were chosen to be representative of the integration possibilities using the Tivoli products We discuss these implementations and benefits that are realized by these integrations and also provide sample scenarios of how these integrations work This book is a reference guide for IT architects and IT specialists working on integrating Tivoli products in real life environments

**IBM WebSphere Application Server V8 Concepts, Planning, and Design Guide** Margaret Ticknor, Alan Corcoran, Balazs Csepregi-Horvath, Addison Goering, Jose Pablo Hernandez, Julien Limodin, Sergio Straessli Pinto, IBM Redbooks, 2011-09-14 This IBM Redbooks publication provides information about the concepts planning and design of IBM WebSphere Application Server V8 environments The target audience of this book is IT architects and consultants who want more information about the planning and designing of application serving environments from small to large and complex implementations This book addresses the packaging and features in WebSphere Application Server V8 and highlights the most common implementation topologies It provides information about planning for specific tasks and components that conform to the WebSphere Application Server environment Also in this book are planning guidelines for WebSphere Application Server V8 and WebSphere Application Server Network Deployment V8 on distributed platforms and for WebSphere Application Server for z OS V8 This book contains information about migration considerations when moving from previous releases

**IBM z13s Technical Guide** Octavian Lascu, Barbara Sannerud, Cecilia A. De Leon, Edzard Hoogerbrug, Ewerson Palacio, Franco Pinto, Jin J. Yang, John P. Troy, Martin Soellig, IBM Redbooks, 2016-11-10 Digital business has been driving the transformation of underlying information technology IT infrastructure to be more efficient secure adaptive and integrated IT must be able to handle the explosive growth of mobile clients and employees It also must be able to process enormous amounts of data to provide deep and real time insights to help achieve the greatest business impact This IBM Redbooks publication addresses the new IBM z Systems™ single frame the IBM z13s server IBM z Systems servers are the trusted enterprise platform for integrating data transactions and insight A data centric infrastructure must always be available with a 99 999% or better availability have flawless data integrity and be secured from misuse It needs to be an integrated infrastructure that can support new applications It also needs to have integrated capabilities that can provide new mobile capabilities with real time analytics delivered by a secure cloud infrastructure IBM z13s servers are designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows z13s servers to deliver a record level of capacity over the prior single frame z Systems server In its maximum configuration the z13s server is powered by up to 20 client characterizable microprocessors cores running at 4 3 GHz This configuration can run more than 18 000 millions of instructions per second MIPS and up to 4 TB of client memory The IBM z13s Model N20 is estimated to provide up to 100% more total system capacity than the IBM zEnterprise BC12 Model H13 This book provides information about the IBM z13s server and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants

planners and anyone who wants to understand the IBM z Systems™ functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM z Systems technology and terminology.

WebSphere Application Server V8.5 Concepts, Planning, and Design Guide Carla Sadtler, Fabio Albertoni, Jan Bajarski, Davide Barillari, Libor Cada, Susan Hanson, Guo Liang Huang, Rispna Jain, Gabriel Knepper Mendes, Catalin Mierlea, Shishir Narain, Sergio Pinto, Jennifer Ricciuti, Christian Steege, IBM Redbooks, 2013-08-01. This IBM Redbooks publication provides information about the concepts, planning, and design of IBM WebSphere Application Server V8.5 environments. The target audience of this book is IT architects and consultants who want more information about the planning and design of application serving environments from small to large and complex implementations. This book addresses the packaging and features in WebSphere Application Server and highlights the most common implementation topologies. It provides information about planning for specific tasks and components that conform to the WebSphere Application Server environment. Also in this book are planning guidelines for WebSphere Application Server and WebSphere Application Server Network Deployment on distributed platforms. It also includes guidelines for WebSphere Application Server for IBM z OS. This book contains information about migration considerations when moving from previous releases. This book has been updated with the new features introduced with WebSphere Application Server V8.5.5.

**IBM Intelligent Operations Center V1.5 to V1.6 Migration Guide** Sriram Balakrishnan, Tony Carrato, Sunil Mishra, Pam Nesbitt, Diwakar Puthalapat, Craig Scott, Jun Xia Zhou, IBM Redbooks, 2014-05-09. IBM Intelligent Operations Center is an integrated solution and a continually evolving platform and set of capabilities. The platform grows as the capabilities increase over time and new interfaces and integration points are introduced in each release. The purpose of this IBM Redbooks publication is to guide planners, architects, and implementers through the options that they have to take advantage of the new capabilities and maximize the benefits of moving to the new release. This book considers what has already been deployed with IBM Intelligent Operations Center V1.5, the benefits of the new version IBM Intelligent Operations Center V1.6.0.1, and the best way to take advantage of the new capabilities as you transition. IBM Intelligent Operations Center has several integration and extension points for the previous and current versions of the product, which points are documented and described in this book. This IBM Redbooks publication describes options and considerations for the best way to migrate customizations and benefit from the new architecture. Thorough details about the differences between the prior and new versions of the product are provided to enable a clear understanding of migration choices, options, and preferred practices. This book includes descriptions of the trade-offs for each migration option and in-depth information about data flows, available tools, and scripting changes that might affect existing IBM Intelligent Operations Center installations. This book is targeted to the following audiences: Line of business managers or stakeholders who are interested in understanding the new features in IBM Intelligent Operations Center V1.6 and who are looking for information about how to plan the migration of their current IBM Intelligent Operations

Center V1 5 environments Architects who need to understand the effect that IBM Intelligent Operations Center V1 6 will have on the architecture of IBM Intelligent Operations Center V1 5 solutions IT specialists and product specialists who are responsible for implementing the migration of a solution based on IBM Intelligent Operations Center V1 5 to a V1 6 solution Readers of this book will benefit from the IBM Redbooks publication IBM Intelligent Operations Center 1 6 Programming Guide SG24 8201     **IBM System Storage DS8000 Performance Monitoring and Tuning** Axel Westphal,Bert Dufrasne,Wilhelm Gardt,Jana Jamsek,Peter Kimmel,Flavio Morais,Paulus Usong,Alexander Warmuth,Kenta Yuge,IBM Redbooks,2016-04-07 This IBM Redbooks publication provides guidance about how to configure monitor and manage your IBM DS8880 storage systems to achieve optimum performance and it also covers the IBM DS8870 storage system It describes the DS8880 performance features and characteristics including hardware related performance features synergy items for certain operating systems and other functions such as IBM Easy Tier and the DS8000 I O Priority Manager The book also describes specific performance considerations that apply to particular host environments including database applications This book also outlines the various tools that are available for monitoring and measuring I O performance for different server environments and it describes how to monitor the performance of the entire DS8000 storage system This book is intended for individuals who want to maximize the performance of their DS8880 and DS8870 storage systems and investigate the planning and monitoring tools that are available The IBM DS8880 storage system features as described in this book are available for the DS8880 model family with R8 0 release bundles Licensed Machine Code LMC level 7 8 0     **DB2**,1988

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