

Ibm Bpm 85 Install Guide

The IBM® Hardware Management Console (HMC) provides to systems administrators a tool for planning, deploying, and managing IBM Power Systems™ servers. This IBM Redbooks® publication is an extension of IBM Power Systems HMC Implementation and Usage Guide, SG24-7491 and also merges updated information from IBM Power Systems Hardware Management Console: Version 8 Release 8.1.0 Enhancements, SG24-8232. It explains the new features of IBM Power Systems Hardware Management Console Version V8.8.1.0 through V8.8.4.0. The major functions that the HMC provides are Power Systems server hardware management and virtualization (partition) management. Further information about virtualization management is in the following publications: IBM PowerVM Virtualization Managing and Monitoring, SG24-7590 IBM PowerVM Virtualization Introduction and Configuration, SG24-7940 IBM PowerVM Enhancements What is New in 2013, SG24-8198 IBM Power Systems SR-IOV: Technical Overview and Introduction, REDP-5065 The following features of HMC V8.8.1.0 through HMC V8.8.4.0 are described in this book: HMC V8.8.1.0 enhancements HMC V8.8.4.0 enhancements System and Partition Templates HMC and IBM PowerVM® Simplification Enhancement Manage Partition Enhancement Performance and Capacity Monitoring HMC V8.8.4.0 upgrade changes

This IBM® Redbooks® publication introduces and describes the IBM Elastic Storage® Server 5000 (ESS 5000) as a scalable, high-performance data and file management solution. The solution is built on proven IBM Spectrum® Scale technology, formerly IBM General Parallel File System (IBM GPFS). ESS is a modern implementation of software-defined storage, making it easier for you to deploy fast, highly scalable storage for AI and big data. With the lightning-fast NVMe storage technology and industry-leading file management capabilities of IBM Spectrum Scale, the ESS 3000 and ESS 5000 nodes can grow to over YB scalability and can be integrated into a federated global storage system. By consolidating storage requirements from the edge to the core data center — including kubernetes and Red Hat OpenShift — IBM ESS can reduce inefficiency, lower acquisition costs, simplify storage management, eliminate data silos, support multiple demanding workloads, and deliver high performance throughout your organization. This book provides a technical overview of the ESS 5000 solution and helps you to plan the installation of the environment. We also explain the use cases where we believe it fits best. Our goal is to position this book as the starting point document for customers that would use the ESS 5000 as part of their IBM Spectrum Scale setups. This book is targeted toward technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) who are responsible for delivering cost-effective storage solutions with ESS 5000.

Your first Business Process Management (BPM) project is a crucial first step on

your BPM journey. It is important to begin this journey with a philosophy of change that allows you to avoid common pitfalls that lead to failed BPM projects, and ultimately, poor BPM adoption. This IBM® Redbooks® publication describes the methodology and best practices that lead to a successful project and how to use that success to scale to enterprise-wide BPM adoption. This updated edition contains a new chapter on planning a BPM project. The intended audience for this book includes all people who participate in the discovery, planning, delivery, deployment, and continuous improvement activities for a business process. These roles include process owners, process participants, subject matter experts (SMEs) from the operational business, and technologists responsible for delivery, including BPM analysts, BPM solution architects, BPM administrators, and BPM developers.

This document is one of a series of IBM® Redbooks® written specifically for the IBM Blue Gene/Q® system. The Blue Gene/Q system is the third generation of massively parallel supercomputers from IBM in the Blue Gene® series. This document explains how to install the Blue Gene/Q rack and the Blue Gene/Q I/O enclosure. It shows you how to remove and replace parts.

This IBM® Redbooks® publication provides system administrators and developers with the knowledge to configure an IBM WebSphere® Application Server Version 8 runtime environment, to package and deploy applications, and to perform ongoing management of the WebSphere environment. As one in a series of IBM Redbooks publications and IBM Redpapers publications for V8, the entire series is designed to give you in-depth information about key WebSphere Application Server features. In this book, we provide a detailed exploration of the WebSphere Application Server V8 runtime administration process. This book includes configuration and administration information for WebSphere Application Server V8 and WebSphere Application Server Network Deployment V8 on distributed platforms and WebSphere Application Server for z/OS® V8. The following publications are prerequisites for this book: WebSphere Application Server V8.0 Technical Overview, REDP-4756 IBM WebSphere Application Server V8 Concepts, Planning, and Design Guide, SG24-7957

Master IBM's Breakthrough DAD Process Framework for Succeeding with Agile in Large, Complex, Mission-Critical IT Projects It is widely recognized that moving from traditional to agile approaches to build software solutions is a critical source of competitive advantage. Mainstream agile approaches that are indeed suitable for small projects require significant tailoring for larger, complex enterprise projects. In Disciplined Agile Delivery, Scott W. Ambler and Mark Lines introduce IBM's breakthrough Disciplined Agile Delivery (DAD) process framework, which describes how to do this tailoring. DAD applies a more disciplined approach to agile development by acknowledging and dealing with the realities and complexities of a portfolio of interdependent program initiatives. Ambler and Lines show how to extend Scrum with supplementary agile and lean strategies from Agile Modeling (AM), Extreme Programming (XP), Kanban, Unified Process

(UP), and other proven methods to provide a hybrid approach that is adaptable to your organization's unique needs. They candidly describe what practices work best, why they work, what the trade-offs are, and when to consider alternatives, all within the context of your situation. Disciplined Agile Delivery addresses agile practices across the entire lifecycle, from requirements, architecture, and development to delivery and governance. The authors show how these best-practice techniques fit together in an end-to-end process for successfully delivering large, complex systems--from project initiation through delivery. Coverage includes Scaling agile for mission-critical enterprise endeavors Avoiding mistakes that drive poorly run agile projects to chaos Effectively initiating an agile project Transitioning as an individual to agile Incrementally building consumable solutions Deploying agile solutions into complex production environments Leveraging DevOps, architecture, and other enterprise disciplines Adapting your governance strategy for agile projects Based on facts, research, and extensive experience, this book will be an indispensable resource for every enterprise software leader and practitioner--whether they're seeking to optimize their existing agile/Scrum process or improve the agility of an iterative process. This IBM® Redbooks® publication provides information about security concerning an organization's business process management (BPM) program, about common security holes that often occur in this field, and describes techniques for rectifying these holes. This book documents preferred practices and common security hardening exercises that you can use to achieve a reasonably well-secured BPM installation. Many of the practices described in this book apply equally to generic Java Platform and Enterprise Edition (J2EE) applications, as well as to BPM. However, it focuses on aspects that typically do not receive adequate consideration in actual practice. Also, it addresses equally the BPM Standard and BPM Advanced Editions, although there are topics inherent in BPM Advanced that we considered to be out of scope for this book. This book is not meant as a technical deep-dive into any one topic, technology, or philosophy. IBM offers a variety of training and consulting services that can help you to understand and evaluate the implications of this book's topic in your own organization.

IBM® Intelligent Operations Center is an integrated solution. It provides a rich set of capabilities and line of business tools that business users with domain expertise and no technical background can use without customization. IBM Intelligent Operations Center also provides services and extension points that developers can use to extend the IBM Intelligent Operations Center standard functions and develop capabilities specific to the domain and client requirements. IBM Intelligent Operations Center includes an application-based programming model that supports all the interactions with the solution components. The programming model is based on industry standard Representational State Transfer (REST) and Java technologies. IBM Intelligent Operations Center includes a full set of REST and Java application programming interfaces (APIs)

that provide a simplified development environment and make the platform easy to extend and customize for a large community of developers. This IBM Redbooks® publication gives a broad understanding of the IBM Intelligent Operations Center 1.6.0.1 programming model and available extension points. Many of the chapters describe working examples and usage scenarios that demonstrate how to extend the IBM Intelligent Operations Center base platform. This book includes sample code that can be downloaded from the IBM Redbooks website. The target audience for this book consists of solution architects, developers, technical consultants, and solution administrators who will learn the following information:

- The options available to extend the IBM Intelligent Operations Center solution programmatically
- How to configure customizations tailored to specific customer requirements
- How to use the available configuration tools to configure the solution without requiring programming

Readers of this book will benefit from the IBM Redbooks publication *IBM® Intelligent Operations Center 1.5 to 1.6 Migration Guide*, SG24-8202.

In this IBM® Redpaper™ publication, you learn how to implement the IBM subcapacity licensing functions and the IBM License Metric Tool to track and manage licenses for your IBM WebSphere® Application Server instances. It also summarizes the different licensing models that IBM employs, the advantages of using software asset management for IT companies, and explains how to save money by using these the subcapacity model for WebSphere Application Server licenses. The primary purpose of the License Metric Tool is counting the processor value units (PVU) and resource value units (RVU) for subcapacity and full-capacity licensing models. It is a no-charge metric tool that many companies use as a regular software asset manager for IBM products. This Redpaper shares installation and configuration scenarios for installing the Endpoint Manager server, the License Metric Tool server, and the IBM DB2® database on a single computer or in distributed computing infrastructures. It describes how the application server components are discovered by the License Metric Tool software, explains how to interpret the inventory reports, and provides technical details about the software detection techniques that the tool uses. You also learn about the software bundling process and how to manage the software inventory that is detected by using the Software Classification panel. You can then use the PVU Subcapacity Reports to analyze actual use of your licenses and produce the data for IBM license audits.

Across numerous vertical industries, enterprises are challenged to improve processing efficiency as transactions flow from their business communities to their internal systems and vice versa, simplify management and expansion of the external communities, accommodate customer and supplier preferences, govern the flow of information, enforce policy and standards, and protect sensitive information. Throughout this process, external partners must be on-boarded and off-boarded, information must flow across multiple communications infrastructures, and data must be mapped and transformed for consumption

across multiple applications. Some transactions require synchronous or real-time processing while others are of a more periodic nature. For some classes of customer or supplier, the enterprise might prefer a locally-managed, on-premise solution. For some types of communities (often small businesses), an as-a-Service solution might be the best option. Many large enterprises combine the on-premise and as-a-Service approach to serve different categories of business partners (customers or suppliers). This IBM® Redbooks® publication focuses on solutions for end-to-end integration in complex value chains and presents several end-to-end common integration scenarios with IBM Sterling and IBM WebSphere® portfolios. We believe that this publication will be a reference for IT Specialists and IT Architects implementing an integration solution architecture involving IBM Sterling and IBM WebSphere portfolios.

This IBM® RedpaperRedbooks® publication describes the concepts, architecture, and implementation of the IBM DS8900F family. The WhitepaperRedpaperbook provides reference information to assist readers who need to plan for, install, and configure the DS8900F systems. This edition applies to DS8900F systems with IBM DS8000® Licensed Machine Code (LMC) 7.9.20 (bundle version 89.20.xx.x), referred to as Release 9.2. The DS8900F is an all-flash system exclusively, and it offers three classes: DS8980F: Analytic Class: The DS8980F Analytic Class offers best performance for organizations that want to expand their workload possibilities to artificial intelligence (AI), Business Intelligence (BI), and machine learning (ML). IBM DS8950F: Agility Class all-flash: The Agility Class consolidates all your mission-critical workloads for IBM Z®, IBM LinuxONE, IBM Power Systems, and distributed environments under a single all-flash storage solution.. IBM DS8910F: Flexibility Class all-flash: The Flexibility Class reduces complexity while addressing various workloads at the lowest DS8900F family entry cost. . TThe DS8900F architecture relies on powerful IBM POWER9™ processor-based servers that manage the cache to streamline disk input/output (I/O), which maximizes performance and throughput. These capabilities are further enhanced by High-Performance Flash Enclosures (HPFE) Gen2. Like its predecessors, the DS8900F supports advanced disaster recovery (DR) solutions, business continuity solutions, and thin provisioning. The IBM DS8910F Rack-Mounted model 993 is described in IBM DS8910F Model 993 Rack-Mounted Storage System Release 9.1, REDP-5566.

This document is one of a series of IBM® Redbooks® written specifically for the IBM System Blue Gene® supercomputer, IBM Blue Gene/Q®. Blue Gene/Q is the third generation of massively parallel supercomputers from IBM in the Blue Gene series. This document provides an overview of components that comprise a Blue Gene/Q system. It helps System Planners and Customer Engineers plan for the installation of the Blue Gene/Q system. Information is provided about the physical requirements for the machine room where the Blue Gene/Q system is to be located. Examples of these requirements include floor (weight and cutouts), cooling, and electrical specifications.

IBM® Content Navigator provides a unified user interface for your Enterprise Content Management (ECM) solutions. It also provides a robust development platform so you can build customized user interface and applications to deliver value and an intelligent, business-centric experience. This IBM Redbooks® publication guides you through the Content Navigator platform, its architecture, and the available programming interfaces. It describes how you can configure and customize the user interface with the administration tools provided, and how you can customize and extend Content Navigator using available development options with sample code. Specifically, the book shows how to set up a development environment, and develop plug-ins that add an action, service, and feature to the user interface. Customization topics include implementing request and response filters, external data services (EDS), creating custom step processors, and using Content Navigator widgets in other applications. This book also covers mobile development, viewer customization, component deployment, and debugging and troubleshooting. This book is intended for IT architects, application designers and developers working with IBM Content Navigator and IBM ECM products. It offers a high-level description of how to extend and customize IBM Content Navigator and also more technical details of how to do implementations with sample code.

This IBM® Redbooks® publication describes how to build production topologies for IBM Business Process Manager V8.0. This book is an update of the existing book IBM Business Process Manager V7.5 Production Topologies, SG24-7976. It is intended for IT Architects and IT Specialists who want to understand and implement these topologies. Use this book to select the appropriate production topologies for an environment, then follow the step-by-step instructions to build those topologies. Part 1 introduces IBM Business Process Manager and provides an overview of basic topology components, and Process Server and Process Center. This part also provides an overview of the production topologies described in this book, including a selection criteria for when to select a topology. IBM Business Process Manager security and the presentation layer are also addressed in this part. Part 2 provides a series of step-by-step instructions for creating production topology environments by using deployment environment patterns. This process includes topologies that incorporate IBM Business Monitor. This part also describes advanced topology topics. Part 3 covers post installation instructions for implementing production topology environments such as configuring IBM Business Process Manager to use IBM HTTP Server and WebSphere® proxy server.

DFSMSHsm fast replication provides DFSMSHsm management for the use of volume-level fast replication. Fast replication is made possible by using the FlashCopy® capability of storage servers. With this capability, a set of storage groups can be defined as a copy pool. The volumes in this pool are processed collectively creating, by fast replication, backup versions that are managed by DFSMSHsm. Recovery can be performed at the volume or copy pool level. This

capability is designed to work specifically with DB2® Version 8 or later. With DFSMSHsm fast replication, the backup and recovery of DB2 copy pools can be managed by DFSMSHsm. DFSMSHsm fast replication provides a quick, easy-to-use backup and recovery solution. This IBM® Redbooks® publication consists of a technical overview of the DFSMSHsm fast replication function in z/OS® V1R12 Data Facility Storage Management Subsystem (DFSMS). It provides you with the information that you need to understand and evaluate the function, with practical implementation hints and tips. This book is written for storage professionals, database administrators, and system programmers who have experience with the components of DFSMS. It provides sufficient information for you to implement the DFSMSHsm fast replication function in your storage environment.

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.

This IBM® Redbooks® publication can help you develop content and process management applications with IBM FileNet® APIs. The IBM FileNet P8 suite of products contains a set of robust APIs that range from core platform APIs to supporting application APIs. This book focuses specifically on Content Engine and Process Engine APIs. Content Engine API topics that we discuss include creating, retrieving, updating, and deleting objects; querying and viewing documents; and batching and batch execution. We also explore more complex topics, including permissions and authorization, versioning, relationships, annotations, workflow subscriptions and event actions, metadata discovery, and dynamic security inheritance. Process Engine API topics that we discuss include launching a workflow, searching for and processing work items, and working with process status. The more complex topics we cover include, Component Integrator application space, role, workbasket, resource navigation in Process Engine REST API, ECM Widgets, and building a custom Get Next In-basket widget. To help you better understand programming with IBM FileNet APIs, we provide a sample application implemented for a fictional company. We include the data model, security model, workflows, and various applications developed for the sample. You can download them for your reference. This book is intended for IBM FileNet P8 application developers. We recommend using this book in

conjunction with the online ECM help.

A guide to everything an Oracle SOA Suite 12c administrator needs to hit the ground running About This Book Understand core administrative tasks such as deployments, purging, startup and shutdown, configuration, and backup and recovery Manage, monitor, and troubleshoot SOA composites and OSB services Follow step-by-step instructions to easily and quickly install a highly available two-node cluster Who This Book Is For With topic areas ranging from the simple to the complex, this book is intended for novice, mid-level, and experienced administrators of the Oracle SOA Suite 12c platform as well as Oracle WebLogic Server and Oracle Database administrators interested in diving into the product. What You Will Learn Navigate Oracle Enterprise Manager Fusion Middleware Control Monitor and manage the Oracle SOA Suite 12 c infrastructure Deploy and promote code Monitor and manage services Configure and administer the environment Manage the dehydration store and enterprise scheduler service Troubleshoot Oracle SOA Suite 12c infrastructure Set up backups, recovery, and high availability In Detail Oracle SOA Suite 12 c is the most comprehensive and integrated infrastructure on the market today that is used for building applications based on service-oriented architecture. With the vast number of features and capabilities that Oracle SOA Suite 12c has to offer comes numerous complexities and challenges for administration. Oracle SOA Suite 12c Administrator's Guide covers all the core areas of administration needed for you to effectively manage and monitor the Oracle SOA Suite environment and its transactions, from deployments, to monitoring, to performance tuning, and much, much more. Manage, monitor, and troubleshoot SOA composites and OSB services from a single product set. Understand core administrative activities such as deployments, purging, startup and shutdown, configuration, backup, and recovery. Also learn about new features such as Oracle Enterprise Scheduler, lazy loading, work manager groups, high availability, and more. Style and approach Presented in a reference guide format where chapters can be read in any sequence, this book explains the core concepts while providing real-world implementation specifics, detailing the what, why, and how of all the administration-related activities that involve Oracle SOA Suite 12c. We take a step-by-step approach and offers tips, instructions, and examples that you can easily follow and execute.

This textbook covers the entire Business Process Management (BPM) lifecycle, from process identification to process monitoring, covering along the way process modelling, analysis, redesign and automation. Concepts, methods and tools from business management, computer science and industrial engineering are blended into one comprehensive and inter-disciplinary approach. The presentation is illustrated using the BPMN industry standard defined by the Object Management Group and widely endorsed by practitioners and vendors worldwide. In addition to explaining the relevant conceptual background, the book provides dozens of examples, more than 230 exercises – many with solutions – and numerous

suggestions for further reading. This second edition includes extended and completely revised chapters on process identification, process discovery, qualitative process analysis, process redesign, process automation and process monitoring. A new chapter on BPM as an enterprise capability has been added, which expands the scope of the book to encompass topics such as the strategic alignment and governance of BPM initiatives. The textbook is the result of many years of combined teaching experience of the authors, both at the undergraduate and graduate levels as well as in the context of professional training. Students and professionals from both business management and computer science will benefit from the step-by-step style of the textbook and its focus on fundamental concepts and proven methods. Lecturers will appreciate the class-tested format and the additional teaching material available on the accompanying website. This IBM® Redbooks® publication describes how to build production topologies for IBM Business Process Manager Advanced V7.5. It is aimed at IT Architects and IT Specialists who want to understand and implement these topologies. Use this book to select the appropriate production topologies for a given environment, then follow the step-by-step instructions included in this book to build these topologies. Part one introduces IBM Business Process Manager and provides an overview of basic topology components, and Process Server and Process Center. This part also provides an overview of the production topologies that we describe in this book, including a selection criteria for when to select a given topology. Part two provides a series of step-by-step instructions for creating production topology environments using deployment environment patterns. This includes topologies that incorporate IBM Business Monitor. This part also discusses advanced topology topics.

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.

This IBM® Redbooks® publication teaches you how to automate your runtime policy by using a centralized policy management system. The SOA Policy Solution provides a centralized policy administration, enforcement, and monitoring for runtime policies that enable traffic management for service level agreement enforcement, service mediation, and other customized policies. Policies can be defined once and reused among multiple services, thus enabling a standardized, consistent approach to a runtime policy that saves time and money for implementation and maintenance of non-functional requirements for the enterprise and assists with faster time to market. Business users can use the SOA Policy Solution to help create the service level agreements for their business services to deliver on promises for business performance. IT Architects can use the SOA Policy Solution to architect the policy solution patterns that standardize the runtime policy usage at their organization. Developers select specific policy patterns to implement the non-functional requirements that are associated with their projects. Operations groups provide information about operation needs and create standardized monitoring policy for operational action at run time.

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® 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

This IBM Redpaper publication presents and positions the DS8910F Model 993 storage system. This modular system can be integrated into a 16U contiguous space of an IBM z15™ model T02 or IBM z14® Model ZR1 with Feature Code 0937 and IBM LinuxONE III model LT2 or LinuxONE Rockhopper II model LR1 with Feature Code 0938. The DS8910F Model 993 allows you to take advantage of the performance boost of all-flash systems and advanced

features while limiting data center footprint and power infrastructure requirements. IBM® FileNet® Content Manager Version 5.2 provides full content lifecycle and extensive document management capabilities for digital content. IBM FileNet Content Manager is tightly integrated with the family of IBM FileNet products based on the IBM FileNet P8 technical platform. IBM FileNet Content Manager serves as the core content management, security management, and storage management engine for the products. This IBM Redbooks® publication covers the implementation best practices and recommendations for solutions that use IBM FileNet Content Manager. It introduces the functions and features of IBM FileNet Content Manager, common use cases of the product, and a design methodology that provides implementation guidance from requirements analysis through production use of the solution. We address administrative topics of an IBM FileNet Content Manager solution, including deployment, system administration and maintenance, and troubleshooting. Implementation topics include system architecture design with various options for scaling an IBM FileNet Content Manager system, capacity planning, and design of repository design logical structure, security practices, and application design. An important implementation topic is business continuity. We define business continuity, high availability, and disaster recovery concepts and describe options for those when implementing IBM FileNet Content Manager solutions. Many solutions are essentially a combination of information input (ingestion), storage, information processing, and presentation and delivery. We discuss some solution building blocks that designers can combine to build an IBM FileNet Content Manager solution. This book is intended to be used in conjunction with product manuals and online help to provide guidance to architects and designers about implementing IBM FileNet Content Manager solutions. Many of the features and practices described in the book also apply to previous versions of IBM FileNet Content Manager.

The IBM® Coach Framework is a key element of the IBM Business Process Manager (BPM) product suite. With the Coach Framework, process authors can create and maintain custom web-based user interfaces that are embedded within their business process solutions. This ability to create and maintain custom user interfaces is a key factor in the successful deployment of business process solutions. Coaches have proven to be an extremely powerful element of IBM BPM solutions, and with the release of IBM BPM version 8.0 they were rejuvenated to incorporate the recent advances in browser-based user interfaces. This IBM Redbooks® publication focuses on the capabilities that Coach Framework delivers with IBM BPM version 8.5, but much of what is shared in these pages continues to be of value as IBM evolves coaches in the future. This book has been produced to help you fully benefit from the power of the Coach Framework.

IBM® Business Process Manager (IBM BPM) is a comprehensive business process management (BPM) suite that provides visibility and management of your business processes. IBM BPM supports the whole BPM lifecycle approach: Discover and document Plan Implement Deploy Manage Optimize Process owners and business owners can use this solution to engage directly in the improvement of their business processes. IBM BPM excels in integrating role-based process design, and provides a social BPM experience. It enables asset sharing and creating versions through its Process Center. The Process Center acts as a unified repository, making it possible to manage changes to the business processes with confidence. IBM BPM supports a wide range of standards for process modeling and exchange. Built-in analytics and search capabilities help to further improve and optimize the business processes. This IBM Redbooks® publication provides valuable information for project teams and business people that are involved in projects using IBM BPM. It describes the important design decisions that you face as a team. These decisions invariably have an effect on the success of your project. These decisions range from the more business-centric decisions, such as which should be your first process, to the more technical decisions, such as solution analysis and

architectural considerations.

This IBM® Redbooks® publication provides performance tuning tips and best practices for IBM Business Process Manager (IBM BPM) V8.5.5 (all editions) and IBM Business Monitor V8.5.5. These products represent an integrated development and runtime environment based on a key set of service-oriented architecture (SOA) and business process management (BPM) technologies. Such technologies include Service Component Architecture (SCA), Service Data Object (SDO), Business Process Execution Language (BPEL) for web services, and Business Processing Modeling Notation (BPMN). Both IBM Business Process Manager and Business Monitor build on the core capabilities of the IBM WebSphere® Application Server infrastructure. As a result, Business Process Manager solutions benefit from tuning, configuration, and best practices information for WebSphere Application Server and the corresponding platform Java virtual machines (JVMs). This book targets a wide variety of groups, both within IBM (development, services, technical sales, and others) and customers. For customers who are either considering or are in the early stages of implementing a solution incorporating Business Process Manager and Business Monitor, this document proves a useful reference. The book is useful both in terms of best practices during application development and deployment and as a reference for setup, tuning, and configuration information. This book talks about many issues that can influence performance of each product and can serve as a guide for making rational first choices in terms of configuration and performance settings. Similarly, customers who already implemented a solution with these products can use the information presented here to gain insight into how their overall integrated solution performance can be improved.

This IBM® Redbooks® publication provides operations teams with architectural design patterns and guidelines for the day-to-day challenges that they face when managing their IBM Business Process Manager (BPM) infrastructure. Today, IBM BPM L2 and L3 Support and SWAT teams are constantly advising customers how to deal with the following common challenges: Deployment options (on-premises, patterns, cloud, and so on) Administration DevOps Automation Performance monitoring and tuning Infrastructure management Scalability High Availability and Data Recovery Federation This publication enables customers to become self-sufficient, promote consistency and accelerate IBM BPM Support engagements. This IBM Redbooks publication is targeted toward technical professionals (technical support staff, IT Architects, and IT Specialists) who are responsible for meeting day-to-day challenges that they face when they are managing an IBM BPM infrastructure.

IBM® Coach Framework is a key component of the IBM Business Process Manager (BPM) platform that enables custom user interfaces to be easily embedded within business process solutions. Developer tools enable process authors to rapidly create a compelling user experience (UI) that can be delivered to desktop and mobile devices. IBM Process Portal, used by business operations

to access, execute, and manage tasks, is entirely coach-based and can easily be configured and styled. A corporate look and feel can be defined using a graphical theme editor and applied consistently across all process applications. The process federation capability enables business users to access and execute all their tasks using a single UI without being aware of the implementation or origin. Using Coach Framework, you can embed coach-based UI in other web applications, develop BPM UI using alternative UI technology, and create mobile applications for off-line working. This IBM Redbooks® publication explains how to fully benefit from the power of the Coach Framework. It focuses on the capabilities that Coach Framework delivers with IBM BPM version 8.5.7. The content of this document, though, is also pertinent to future versions of the application.

This IBM® Redbooks® publication focuses on operational and managerial aspects for DataPower® appliance deployments. DataPower appliances provide functionality that crosses both functional and organizational boundaries, which introduces unique management and operational challenges. For example, a DataPower appliance can provide network functionality, such as load balancing, and at the same time, provide enterprise service bus (ESB) capabilities, such as transformation and intelligent content-based routing. This IBM Redbooks publication provides guidance at both a general and technical level for individuals who are responsible for planning, installation, development, and deployment. It is not intended to be a "how-to" guide, but rather to help educate you about the various options and methodologies that apply to DataPower appliances. In addition, many chapters provide a list of suggestions.

Modeling Enterprise Architecture with TOGAF explains everything you need to know to effectively model enterprise architecture with The Open Group Architecture Framework (TOGAF), the leading EA standard. This solution-focused reference presents key techniques and illustrative examples to help you model enterprise architecture. This book describes the TOGAF standard and its structure, from the architecture transformation method to governance, and presents enterprise architecture modeling practices with plenty of examples of TOGAF deliverables in the context of a case study. Although widespread and growing quickly, enterprise architecture is delicate to manage across all its dimensions. Focusing on the architecture transformation method, TOGAF provides a wide framework, which covers the repository, governance, and a set of recognized best practices. The examples featured in this book were realized using the open source Modelio tool, which includes extensions for TOGAF. Includes intuitive summaries of the complex TOGAF standard to let you effectively model enterprise architecture Uses practical examples to illustrate ways to adapt TOGAF to the needs of your enterprise Provides model examples with Modelio, a free modeling tool, letting you exercise TOGAF modeling immediately using a dedicated tool Combines existing modeling standards with TOGAF

This IBM® Redbooks® publication gives an overview of Cloud solutions, followed by detailed information and usage scenarios for IBM CloudBurst® in a System x® environment. Cloud computing can be defined as a style of computing in which dynamically scalable resources, such as CPU, storage, or bandwidth, are provided as a service over the Internet. Cloud computing represents a massively scalable, self-service delivery model where processing, storage, networking, and applications can be accessed as services over the Internet. Enterprises can adopt cloud models to improve employee productivity, deploy new products and services faster and reduce operating costs—starting with workloads, such as development and test, virtual desktop, collaboration, and analytics. IBM provides a scalable variety of cloud solutions to meet these needs. This IBM Redbooks publication helps you to tailor an IBM CloudBurst installation on System x to meet virtualized computing requirements in a private cloud environment. This book is intended for IT support personnel who are responsible for customizing IBM CloudBurst to meet business cloud computing objectives.

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