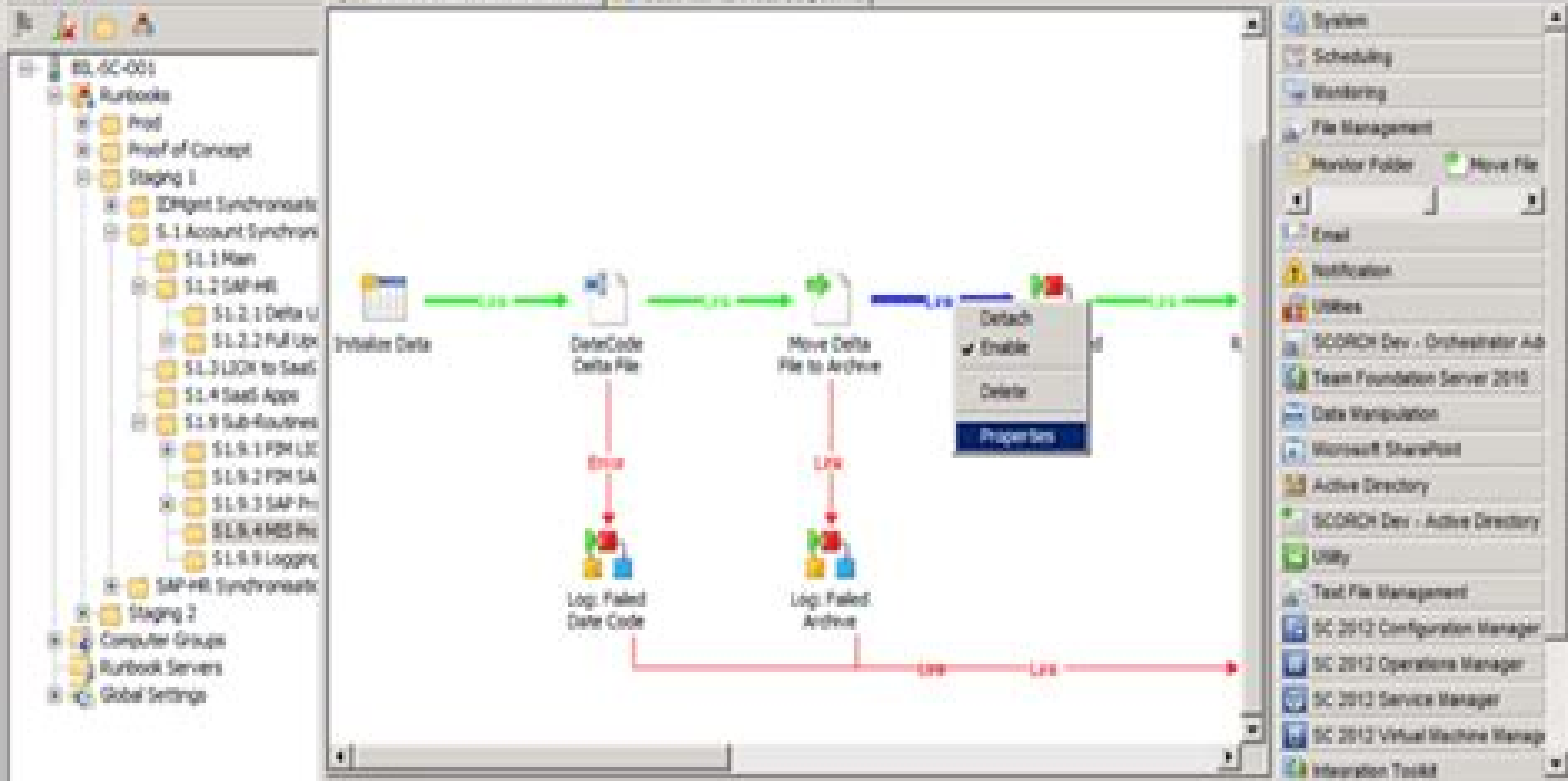




Log History

Log History

| Start Time            | End Time              | Status  |
|-----------------------|-----------------------|---------|
| 8/12/2013 11:38:03 AM | 8/12/2013 11:38:04 AM | Success |
| 8/12/2013 9:30:35 AM  | 8/12/2013 9:30:36 AM  | Success |

# System Center Orchestrator 2012 Runbook Guide

**M Walker**



## **System Center Orchestrator 2012 Runbook Guide:**

*System Center 2012 Orchestrator Unleashed* Kerrie Meyler, 2013 Using System Center 2012 Orchestrator you can capture and document processes across your entire IT organization establishing the automation you need to deliver advanced cloud services and self adjusting computing resources Authored by five leading System Center experts this comprehensive reference and technical guide brings together all the knowledge you ll need to architect install implement integrate and maximize the value of your own Orchestrator solutions The authors introduce current best practices based on large scale enterprise implementations they ve personally led or participated in This up to date guide shows how to apply Orchestrator s major improvements to implement IT process automation in any environment including private clouds You ll start with context what Orchestrator does how it has evolved how it works and essential architecture and design techniques Next the authors help you make crucial up front decisions about activities runbooks security and administration Finally you ll find expert guidance for integrating Orchestrator with the rest of System Center and with Windows Azure cloud services including advanced automated workflows that encompass both data center and cloud Detailed information on how to Understand System Center 2012 Orchestrator s capabilities evolution architecture and design including SP1 improvements and R2 Successfully install System Center 2012 Orchestrator and migrate smoothly from Opalis Integration Server 6 3 Take full advantage of Orchestrator s advanced new runbook automation capabilities Configure activities associated with runbook control systems scheduling monitoring files email notification and data handling Design runbooks for fault tolerance and optimal performance Enforce strong security using roles permissions and auditing Deliver integration capabilities for Operations Manager Service Manager Configuration Manager Virtual Machine Manager and Data Protection Manager Automate end to end data center cloud workflows with integration packs and PowerShell Create your own integration packs with Orchestrator Integration Toolkit OIT SDK Support Orchestrator 2012 troubleshoot problems and discover the best web and third party resources

**Microsoft System Center Orchestrator 2012 R2 Essentials** Miguel Oliveira, 2015-08-07 Design implement and improve your infrastructure administration with System Center Orchestrator 2012 R2 s automation process About This Book Learn about the components of Orchestrator the design and implementation process and the way it interacts with your environment to create outstanding automation processes Gain an in depth understanding of Runbooks while exploring its security and troubleshooting aspects Follow this step by step guide at your own pace and get yourself in the frontline of the Orchestrator world Who This Book Is For This book is targeted for those who want to gain time in their administrative tasks and profit from it to improve also their environment by reaching a more autonomous infrastructure Experience with other System Center family products as well as Active Directory and other core datacentre components would be useful to help you understand and execute the information given in this book What You Will Learn Plan assess design and implement Orchestrator 2012 R2 in a corporate environment Master the Runbook Designer and discover all about

the Runbook creation process Import and integrate more technologies through new imported functionalities and learn what they bring to your environment Extend your possibilities and interaction with your environment while you get a hand of the best practices for this system Implement high availability security backup and recovery procedures and fine tuning of the platform Familiarize yourself with the Runbook design and its implementation with an insight into the methodology for a more dynamic Datacenter In Detail With the increasing complexity of systems in our infrastructure designs administrating these systems has become more complex and repetitive This ultimately translates into an inefficient environment and loss of time System Center Orchestrator 2012 R2 is the tool that can help you regain that time again by simplifying repetitive tasks or complex ones into a simple one that will require minimum intervention from you or even none This technology will drive you one step forward towards a more dynamic infrastructure and can also be used to make a customized Private Cloud environment setup Starting off with the fundamentals of Orchestrator this book helps you to learn the configuration and deployment of the Orchestrator 2012 R2 in a corporate environment to successfully deploy and mitigate real life issues that you might encounter You ll learn the most used part of Orchestrator the Runbook Designer with all its components and mechanisms to help you efficiently design and implement your Runbooks from top to bottom Additionally you will also get familiarized with configuring key Integration Packs available for Orchestrator to extend its functionality and enhance the automation solution Furthermore you will explore the possibilities of extending and integrating Orchestrator with other parties and learn to set up core infrastructure administrative tasks that can save time and effort when automated with Orchestrator You finally round off by gaining insights on the maintenance aspects of Orchestrator while simultaneously covering the troubleshooting backup and recovery features Style and approach Written in a step by step guide format the chapters are organized in a sequence of what you need to know first to move on to the next component Each chapter contains a broad explanation of what we are working on at that moment and the tips provided are based on real world experience

Microsoft System Center Designing Orchestrator Runbooks David Ziembicki,Aaron Cushner,Andreas Rynes,Mitch Tulloch,2013-09-15 Part of a series of specialized guides on System Center this book delivers a focused drilldown into designing runbooks for Orchestrator workflow management solutions Series editor Mitch Tulloch and a team of System Center experts provide concise technical guidance as they step you through key design concepts criteria and tasks

**System Center 2012 Operations Manager Unleashed** Kerrie Meyler,Cameron Fuller,John Joyner,2013-02-21 This is the first comprehensive Operations Manager 2012 technical resource for every IT implementer and administrator Building on their bestselling OpsMgr 2007 book three Microsoft System Center Cloud and Data Center Management MVPs thoroughly illuminate major improvements in Microsoft s newest version including new enhancements just added in Service Pack 1 You ll find all the information you need to efficiently manage cloud and datacenter applications and services in even the most complex environment The authors provide up to date best practices for planning installation migration configuration

administration security compliance dashboards forecasting backup recovery management packs monitoring including NET monitoring PowerShell automation and much more Drawing on decades of enterprise and service provider experience they also offer indispensable insights for integrating with your existing Microsoft and third party infrastructure Detailed information on how to Plan and execute a smooth OpsMgr 2012 deployment or migration Move toward application centered management in complex environments Secure OpsMgr 2012 and assure compliance through Audit Collection Services Implement dashboards identify trends and improve forecasting Maintain and protect each of your OpsMgr 2012 databases Monitor virtually any application environment or device client based NET distributed networked agentless or agent managed Use synthetic transactions to monitor application performance and responsiveness Install UNIX Linux cross platform agents Integrate OpsMgr into virtualized environments Manage and author management packs and reports Automate key tasks with PowerShell agents and alerts Create scalable management clouds for service provider multi tenant environments Use OpsMgr 2012 Service Pack 1 with Windows Server 2012 and SQL Server 2012     [Microsoft System Center 2012 Unleashed](#) Chris Amaris,2012 This is the definitive real world guide to Microsoft System Center 2012 Microsoft s newest and most powerful version of System Center Authored by consultants who ve deployed System Center in hundreds of enterprises and innovative smaller businesses this book brings together up to the minute tips tricks and techniques you just won t find anywhere else You ll learn how to use System Center s powerful capabilities to build highly efficient managed environments that encompass datacenters cloud environments client computers mobile devices and more The authors address planning design implementation integration and administration and cover every component including Configuration Manager Operations Manager Data Protection Manager Virtual Machine Manager Service Manager and Orchestrator Use Configuration Manager 2012 to deliver software and updates in highly distributed environments including datacenters clouds and mobile devices Reliably manage and report on assets with Configuration Manager 2012 Perform monitoring alerting operations and security reporting with Operations Manager 2012 Use Data Protection Manager 2012to protect file systems SQL Microsoft Exchange and SharePoint Leverage Data Protection Manager 2012 s improved central monitoring and remote recovery Run Hyper V virtualized environments with VMM 2012 including new private clouds and mixed private public fabrics Use Service Manager 2012 to provide top down integration and use Orchestrator 2012 for bottom up process automation and integration glue Give users an efficient self service portal for creating service and incident requests and browsing service catalogs Manage service offerings and implement enterprise wide change control with Service Manager 2012 Ensure compliance by creating executing and repeating auditable documented processes with Orchestrator 2012

*Microsoft System Center 2012 Service Manager Cookbook* Samuel Erskine,2012-10-26 This book is written in practical cookbook style and it offers learning through vivid examples and Each chapter contains step by step instructions about everything necessary to execute a particular task The book is designed so that you can read it from start to end for beginners

or just open up any chapter and start following the recipes as a reference for advanced users This book will be useful to IT professionals including System Center Service Manager administrators who want to configure and administer System Center Service Manager 2012 and understand how to solve specific problems and scenarios that arise while using System Center Service Manager It will also be useful to users of 2010 in learning new features and capabilities **Microsoft System Center 2012 R2 Operations Manager Cookbook** Steve Beaumont (MVP),Jonathan Horner,Chiyo Odika,Robert Ryan,2015-04-14 If you are tasked with monitoring the IT infrastructure within your organization this book demonstrates how System Center 2012 R2 Operations Manager offers a radical and exciting solution to modern administration *Windows Server 2012 Hyper-V Installation and Configuration Guide* Aidan Finn,Patrick Lownds,Michel Luescher,Damian Flynn,2013-03-12 Go to guide for using Microsoft s updated Hyper V as a virtualization solution Windows Server 2012 Hyper V offers greater scalability new components and more options than ever before for large enterprise systems and small medium businesses Windows Server 2012 Hyper V Installation and Configuration Guide is the place to start learning about this new cloud operating system You ll get up to speed on the architecture basic deployment and upgrading creating virtual workloads designing and implementing advanced network architectures creating multitenant clouds backup disaster recovery and more The international team of expert authors offers deep technical detail as well as hands on exercises and plenty of real world scenarios so you thoroughly understand all features and how best to use them Explains how to deploy use manage and maintain the Windows Server 2012 Hyper V virtualization solutions in large enterprises and small to medium businesses Provides deep technical detail and plenty of exercises showing you how to work with Hyper V in real world settings Shows you how to quickly configure Hyper V from the GUI and use PowerShell to script and automate common tasks Covers deploying Hyper V hosts managing virtual machines network fabrics cloud computing and using file servers Also explores virtual SAN storage creating guest clusters backup and disaster recovery using Hyper V for Virtual Desktop Infrastructure VDI and other topics Help make your Hyper V virtualization solution a success with Windows Server 2012 Hyper V Installation and Configuration Guide **Microsoft Office 365 Administration Inside Out** Anthony Puca,Julian Soh,Marshall Copeland,2013-10-15 Conquer Microsoft Office 365 administration from the inside out Dive into Office 365 administration and really put your systems expertise to work This supremely organized reference packs hundreds of timesaving solutions troubleshooting tips and workarounds Discover how the experts tackle deployment configuration and management and challenge yourself to new levels of mastery Simplify enterprise deployment with planning tools and tasks Automate Office 365 processes with Windows PowerShell Manage user identity with Active Directory and Single Sign On Monitor and maintain the health of Office 365 with Microsoft System Center Implement Microsoft Exchange Online SharePoint Online and Lync Online Control variables in an Exchange Server hybrid implementation Customize and deploy Office 365 Professional Plus Explore real world scenarios and apply insider management tips For Intermediate to Advanced

IT Professionals      *Exam Ref 70-247 Configuring and Deploying a Private Cloud (MCSE)* Orin Thomas, 2014-10-17 Prepare for Microsoft Exam 70 247 and help demonstrate your real world mastery configuring and deploying a private cloud using Microsoft System Center 2012 R2 Designed for experienced IT professionals ready to advance their status Exam Ref focuses on the critical thinking and decision making acumen needed for success at the MCSE level Focus on the expertise measured by these objectives Design and deploy System Center Configure System Center infrastructure Configure the fabric Configure System Center integration Configure and deploy virtual machines and services This Microsoft Exam Ref Organizes its coverage by objectives for Exam 70 247 Features strategic what if scenarios to challenge you Requires experience with Windows Server System Center 2012 security high availability fault tolerance and networking in an enterprise environment and basic skills with SQL Server Windows PowerShell and application configuration      Microsoft Virtualization Secrets John Savill, 2012-07-13 Unbeatable advice and expert tips for evaluating designing and deploying virtualization solutions If you're an IT professional you know that virtualization is essential in today's computer infrastructures This valuable reference is your key to all things Microsoft virtualization Written by a Microsoft Most Valuable Professional MVP it breaks down all the various technologies what they mean to your organization in terms of saving money and solving problems and how to design and deploy various solutions effectively You'll find invaluable tips and information on such topics as Hyper V the changes that Windows 8 brings private cloud scenarios and more Written by well known 11 time Microsoft MVP Windows expert and Microsoft insider John Savill Provides practical advice and expert insights on understanding evaluating designing and deploying virtualization solutions Keeps you up to date with how Windows 8 and Windows Server 8 affect your virtualization processes Covers virtualization in all its forms machine application and user Explores the private cloud and public cloud and what they mean to your organization Focuses on Microsoft solutions such as Hyper V but also delves into Citrix Quest software AppSense and other Microsoft partner solutions Discusses bringing your own device requirements through VDI and session virtualization and which one is right Features video demonstrations and walkthroughs of some processes Microsoft Virtualization Secrets is like having a built in Microsoft expert on hand to help you avoid mistakes and save time

Mastering Hyper-V 2012 R2 with System Center and Windows Azure John Savill, 2014-04-11 This book will help you understand the capabilities of Microsoft Hyper V architect a Hyper V solution for your datacenter plan a deployment migration and then manage it all using native tools and System Center Coverage also includes hybrid cloud scenarios specifically with Windows Azure to complete the full virtualization piece of providing data both on premise and off premise In addition you will explore the Windows Azure capabilities for virtual machines and managing a hybrid cloud including Windows Azure's Internet as a Service IaaS and storage capabilities how seamless management is possible with PowerShell and System Center plus how Azure Storage can play a part in a company's complete solution Key topics covered include virtualization fundamentals network virtualization storage configuration Hyper V management and maintenance failover

clustering and migration Hyper V replica and cloud orchestration private cloud implementation Azure IaaS Azure storage managing with PowerShell Hyper V decoding and Windows Server 2012 R2 integration Building Clouds with Windows Azure Pack Amit Malik, 2016-01-29 Bring the benefits of Azure Pack to your cloud service and discover the secrets of enterprise class solutions About This Book Build, deploy and manage cloud solutions using combination of Windows Azure Pack, System Center and Hyper V Impress your peers at work by learning to build applications that can leverage the cloud to meet the needs of your organization Get overall view about the functionalities of Azure Pack and understand how to build cloud fabric IaaS PaaS DBaaS offerings Who This Book Is For This book targets cloud and virtualization professionals willing to get hands on exposure to Windows Azure Pack It will help virtualization customers adopt cloud architecture and would also help existing cloud providers to understand the benefits of Azure Pack This book will also be of use to cloud professionals from other platforms such as VMware OpenStack to appreciate and evaluate Azure Pack What You Will Learn Learn about Windows Azure Pack architecture Get Cloud Fabric ready and then plan, install and configure Windows Azure Pack solution Build VM clouds and IaaS offerings for private Cloud and service providers' Cloud solutions Learn about planning and deployment of three Cloud services models of WAP IaaS PaaS WebSites Service Bus DBaaS SQL MySQL Plan and manage Azure Pack plans, subscriptions and add-ons for tenants Experience the solution built from tenant or customer point of view Integrate Azure Pack with Service Management Automation (SMA) to automate your cloud Solution Extend your Azure Pack capabilities and integrate it with other vendors or solutions components such as VMware Cloud Cruiser etc In Detail Windows Azure Pack is an on-premises cloud solution by Microsoft which can be leveraged by Organizations and Services providers for building an enterprise class cloud solution WAP provides consistent experience to Microsoft Azure along with capabilities such as multi-tenancy, high density, self-service, automated WAP can be leveraged to provide both IaaS PaaS Offerings to internal and external customers In this book we will learn about planning and deployment of Cloud Fabric for Windows Azure Pack Azure Pack components VM Clouds and IaaS offerings PaaS Offering including WebSites Service Bus DBaaS offerings Automation with SMA and extending capabilities with third party products integration and tenant experience for all services Style and approach This book is a step by step guide accompanied by extensive screenshots to help existing cloud professionals understand what value Azure Pack can add in their cloud services and how it can be deployed Microsoft Private Cloud Computing Aidan Finn, Hans Vredevoort, Patrick Lownds, Damian Flynn, 2012-06-13 Learn the foundation of cloud computing and how to build your own Microsoft private cloud Written by a team of expert authors who are MVPs and leaders in their respective fields this one of a kind book is an essential resource for IT administrators who are responsible for implementing and managing a cloud infrastructure You'll quickly learn how cloud computing offers significant cost savings while also providing new levels of speed and agility Serving as a how to guide Microsoft Private Cloud Computing walks you through building a secure internal cloud and delivering it as a service to your

company using Microsoft Windows Server Hyper V and Microsoft System Center Virtual Machine Manager 2012 Walks you through the entire process understanding cloud computing understanding the Microsoft concept of a private cloud deploying a private cloud fabric deploying services and building a private cloud as well as integrating it with Microsoft's public cloud to create a cross premises or public cloud Discusses fabric management with System Center Virtual Machine Manager VMM 2012 Examines how to provide network and storage with VMM 2012 Looks at the VMM library configuration Discusses private cloud and cloud service management with Microsoft App Controller Microsoft Private Cloud Computing is a must have comprehensive resource that covers all aspects of implementing a private cloud Microsoft System Center 2012 Orchestrator Cookbook Samuel Erskine, Andreas Baumgarten (Mvp), Steven Beaumont, 2013 This book is written in a practical Cookbook style with numerous chapters and recipes focusing on creating runbooks to automate mission critical and everyday administration tasks System Center 2012 Orchestrator is for administrators who wish to simplify the process of automating systems administration tasks This book assumes that you have a basic knowledge of Windows Server 2008 Administration Active Directory Network Systems and Microsoft System Center technologies *Microsoft System Center 2016 Orchestrator Cookbook* Michael Seidl, Andreas Baumgarten, Steve Beaumont, Samuel Erskine, 2017-07-26 Over 30 recipes to automate your mission critical tasks using the new and powerful Microsoft System Center 2016 Orchestrator About This Book Create powerful runbooks for the entire System Center 2016 product line Explore System Center 2016 Orchestrator to manage and automate your datacenter A recipe based guide to using SCO efficiently Who This Book Is For If you are a system administrator and want to simplify the process of automating system administration tasks using System Center Orchestrator 2016 then this book is for you A basic knowledge of SCO is expected What You Will Learn Create Runbooks for IT Service Management processes Design and create Runbooks for System Center Configuration Manager and Virtual Machine Manager Set up System Center Orchestrator making it highly available Create branching looping and child Runbooks to completely master System Center 2016 Orchestrator Implement a security model for your System Center Orchestrator deployment and to execute Runbooks Manage and automate your Datacenter with powerful Runbooks Automate your System Center environment In Detail With Microsoft System Center 2016 Orchestrator Cookbook you will start by learning how to efficiently install and secure System Center Orchestrator You will then learn how you can create configuration files for SCO 2016 After initial installation and configuration you will soon be planning and creating functional and fault tolerant System Center runbooks to automate daily tasks and routine operations Next you will delve into runbooks you will learn how to create powerful and advanced runbooks such as Building your Runbook without a Dead End You will also learn to create simple and advanced runbooks for your daily tasks Towards the end of the book you will learn to use SCO for other interesting tasks and also learn to maintain and perform SCO health checks By the end of the book you will be able to automate your administrative tasks successfully with SCO Style and approach This book is written in a practical cookbook

style with numerous chapters and recipes focusing on creating runbooks to automate mission critical and everyday administration tasks

***System Center 2012 Service Manager Unleashed*** Kerrie Meyler, Kurt Van Hoecke, Samuel Erskine, Steve Buchanan, 2014-09-26 This comprehensive resource will help you automate and optimize all facets of service management with System Center 2012 Service Manager Expert consultants offer deep in the trenches insights for improving problem resolution change control release management asset lifecycle management chargeback and more You ll learn how to implement high value best practices from ITIL and the Microsoft Operations Framework The authors begin with an expert overview of Service Manager its evolution and its new capabilities Next they walk through overall planning design implementation and upgrades Then to help you focus your efforts they present stepwise coverage of all topics in each feature area linking technical information about Service Manager with essential knowledge about the technologies it depends on Whatever your role in deploying or running Service Manager this guide will help you deliver more responsive support at lower cost and drive more value from all your IT investments Leverage MOF and ITIL processes built into System Center 2012 Service Manager Plan and design your Service Manager deployment Install Service Manager or upgrade from earlier versions Efficiently administer work and configuration items Use connectors to integrate with Active Directory Exchange and System Center components Create service maps Enable end user access through Service Manager s self service portal Implement incident problem change and release management Utilize workflows to automate key support processes Create service level agreements with calendars metrics and objectives Provide quick access to a standardized catalog of services Use notification to ensure that Service Manager items are promptly addressed Secure Service Manager and its data warehouse reporting platform Perform maintenance backup and recovery Manage Service Manager performance Customize Service Manager

***Windows System Center 2022*** Dujon Walsham, 2024-11-19 DESCRIPTION This book will cover the entire System Center at the latest release of 2022 Here we will cover various grounds by not only covering the purpose of each product within the System Center suite but also introducing all the latest features and updates that come with each product Windows System Center 2022 is a complete toolkit for simplifying and automating IT operations This guide covers deploying configuring and managing essential System Center components including Configuration Manager Operations Manager Service Manager and more Key topics include software deployment patching system monitoring alerting and virtual machine and data protection The book also explores integration with Azure and Intune and provides best practices for managing hybrid cloud environments By using System Center organizations can boost IT efficiency cut costs and improve service delivery across IT functions By the end of this book you will have the skills to implement configure and manage System Center for a streamlined secure and automated IT environment Confidently deploy software monitor infrastructure manage services automate tasks and protect data key skills for mastering IT infrastructure KEY FEATURES Full coverage of System Center 2022 features and components ensuring complete understanding Step by step guidance on deployment

configuration and management for easy application Real world examples and best practices to enhance IT operations and efficiency WHAT YOU WILL LEARN Set up configure and manage System Center 2012 to streamline IT operations Deploy and manage software patches and OS updates using Configuration Manager Monitor infrastructure and troubleshoot issues efficiently with Operations Manager Simplify IT services including incident and change management using Service Manager Automate routine tasks and complex workflows with Orchestrator for smoother processes WHO THIS BOOK IS FOR The target audience for the book is those passionate about System Center regardless of technical level as well as stakeholders and other business related role functions that want to understand how these products can enhance and scale their business

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**Introducing Microsoft System Center 2012 R2** Mitch Tulloch, Symon Perriman, Microsoft System Center Team, 2014-01-15 NOTE This title is also available as a free eBook It is offered for sale in print format as a convenience Get a head start evaluating System Center 2012 R2 with technical insights from a Microsoft MVP and members of the System Center product team This guide introduces new features and capabilities with scenario based advice on how the platform can meet the needs of your business Get the high level overview you need to begin preparing your deployment now Preview new features and enhancements including Virtual Machine Manager App Controller Configuration Manager Data Protection Manager Operations Manager Advisor Service Manager Orchestrator [Microsoft System Center 2012 Unleashed](#) Chris Amaris, Rand Morimoto, Pete Handley, David Ross, 2012-05-31 This is the definitive real world guide to Microsoft System Center 2012 Microsoft's newest and most powerful version of System Center Authored by consultants who've deployed System Center in hundreds of enterprises and innovative smaller businesses this book brings together up to the minute tips tricks and techniques you just won't find anywhere else You'll learn how to use System Center's powerful capabilities to build highly efficient managed environments that encompass datacenters cloud environments client computers mobile devices and more The authors address planning design implementation integration and administration and cover every component including Configuration Manager Operations Manager Data Protection Manager Virtual Machine Manager Service Manager and Orchestrator Use Configuration Manager 2012 to deliver software and updates in highly

distributed environments including datacenters clouds and mobile devices Reliably manage and report on assets with Configuration Manager 2012 Perform monitoring alerting operations and security reporting with Operations Manager 2012 Use Data Protection Manager 2012 to protect file systems SQL Microsoft Exchange and SharePoint Leverage Data Protection Manager 2012 s improved central monitoring and remote recovery Run Hyper V virtualized environments with VMM 2012 including new private clouds and mixed private public fabrics Use Service Manager 2012 to provide top down integration and use Orchestrator 2012 for bottom up process automation and integration glue Give users an efficient self service portal for creating service and incident requests and browsing service catalogs Manage service offerings and implement enterprise wide change control with Service Manager 2012 Ensure compliance by creating executing and repeating auditable documented processes with Orchestrator 2012

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## **System Center Orchestrator 2012 Runbook Guide Introduction**

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