
OpenShift Enterprise By Red Hat Atrioti

Red Hat Enterprise Linux 8 Administration
Red Hat Fedora and Enterprise Linux 4 Bible
Linux Bible
RHCSA Red Hat Enterprise Linux 8:
Using the IBM Block Storage CSI Driver in a Red Hat OpenShift Environment
Fedora 10 and Red Hat Enterprise Linux Bible
Getting Started with OpenShift
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Kubernetes Native Microservices with Quarkus and MicroProfile
Red Hat RHCSA 8 Cert Guide
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Red Hat OpenShift V4.3 on IBM Power Systems Reference Guide
ACI Advanced Monitoring and Troubleshooting
DevOps Culture and Practice with OpenShift
Fedora Linux Toolbox
Enterprise Java Microservices
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DevOps with OpenShift
Mastering CloudForms Automation

Openshift Enterprise By Red Hat Atrioti *Downloaded from business.itu.edu by guest*

REEVES MAURICIO

Red Hat Enterprise Linux 8 Administration John Wiley & Sons

Learn how to work with the Automate feature of CloudForms, the powerful Red Hat cloud management platform that lets you administer your virtual infrastructure, including hybrid public and private clouds. This practical hands-on introduction shows you how to increase your operational efficiency by automating day-to-day tasks that now require manual input. Throughout the book, author Peter McGowan provides a combination of theoretical information and practical coding examples to help you learn the Automate object model. With this CloudForms feature, you can create auto-scalable cloud applications, eliminate manual decisions and operations when provisioning virtual machines and cloud instances, and manage your complete virtual machine lifecycle. In six parts, this book helps you: Learn the objects and concepts for developing automation scripts with CloudForms Automate

Customize the steps and workflows involved in provisioning virtual machines Create and use service catalogs, items, dialogs, objects, bundles, and hierarchies Use CloudForm's updated workflow to retire and delete virtual machines and services Orchestrate and coordinate with external services as part of a workflow Explore distributed automation processing as well as argument passing and handling Red Hat Fedora and Enterprise Linux 4 Bible IBM Redbooks In this handy, compact guide, you'll explore a ton of powerful Fedora Linux commands while you learn to use Fedora Linux as the experts do: from the command line. Try out more than 1,000 commands to find and get software, monitor system health and security, and access network resources. Then, apply the skills you learn from this book to use and administer desktops and servers running Fedora, CentOS, Red Hat Enterprise Linux, or any other Linux distribution. **Linux Bible** O'Reilly Media Get an in-depth tour of OpenShift, the container-based software

deployment and management platform from Red Hat that provides a secure multi-tenant environment for the enterprise. This practical guide describes in detail how OpenShift, building on Kubernetes, enables you to automate the way you create, ship, and run applications in a containerized environment. Author Graham Dumpleton provides the knowledge you need to make the best use of the OpenShift container platform to deploy not only your cloud-native applications, but also more traditional stateful applications. Developers and administrators will learn how to run, access, and manage containers in OpenShift, including how to orchestrate them at scale. Build application container images from source and deploy them Implement and extend application image builders Use incremental and chained builds to accelerate build times Automate builds by using a webhook to link OpenShift to a Git repository Add configuration and secrets to the container as project resources Make an application visible outside the OpenShift cluster

Manage persistent storage inside an OpenShift container
 Monitor application health and manage the application lifecycle
 This book is a perfect follow-up to OpenShift for Developers: A Guide for Impatient Beginners (O'Reilly).

RHCSA Red Hat Enterprise Linux 8: IBM Redbooks
 Selling your CTO on the merits of OpenShift and Kubernetes is only the beginning. To operate and scale OpenShift, you also need to know how to manage and expose resources to application teams and continuously deliver changes to the applications running in these environments. With this practical book, new and experienced developers and operators will learn specific techniques for operationalizing OpenShift and Kubernetes in the enterprise. Industry experts Michael Elder, Jake Kitchener, and Brad Topol show you how to run OpenShift and Kubernetes in production and deliver your applications to a highly available, secure, and scalable platform. You'll learn how to build a strong foundation in advanced cluster operational topics, such

as tenancy management, scheduling and capacity management, cost management, continuous delivery, and more. Examine the fundamental concepts of Kubernetes architecture
 Get different Kubernetes and OpenShift environments up and running
 Dive into advanced resource management topics, including capacity planning
 Learn how to support high availability inside a single cluster
 Use production-level approaches for continuous delivery and code promotion across clusters
 Explore hybrid cloud use cases, including multicloud provisioning, upgrading, and policy support
 Devise and deliver disaster recovery strategies

Using the IBM Block Storage CSI Driver in a Red Hat OpenShift Environment "O'Reilly Media, Inc."

Dive in to the cutting edge techniques of Linux KVM virtualization, and build the virtualization solutions your datacenter demands
 About This Book
 Become an expert in Linux virtualization
 Migrate your virtualized datacenter to the cloud
 Find out how to build a large scale virtualization solution that will

transform your organization
 Who This Book Is For
 Linux administrators – if you want to build incredible, yet manageable virtualization solutions with KVM this is the book to get you there. It will help you apply what you already know to some tricky virtualization tasks.
 What You Will Learn
 Explore the ecosystem of tools that support Linux virtualization
 Find out why KVM offers you a smarter way to unlock the potential of virtualization
 Implement KVM virtualization using oVirt
 Explore the KVM architecture – so you can manage, scale and optimize it with ease
 Migrate your virtualized datacenter to the cloud for truly resource-efficient computing
 Find out how to integrate OpenStack with KVM to take full control of the cloud
 In Detail
 A robust datacenter is essential for any organization – but you don't want to waste resources. With KVM you can virtualize your datacenter, transforming a Linux operating system into a powerful hypervisor that allows you to manage multiple OS with minimal fuss. This book doesn't just show you how to virtualize with KVM – it

shows you how to do it well. Written to make you an expert on KVM, you'll learn to manage the three essential pillars of scalability, performance and security - as well as some useful integrations with cloud services such as OpenStack. From the fundamentals of setting up a standalone KVM virtualization platform, and the best tools to harness it effectively, including virt-manager, and kimchi-project, everything you do is built around making KVM work for you in the real-world, helping you to interact and customize it as you need it. With further guidance on performance optimization for Microsoft Windows and RHEL virtual machines, as well as proven strategies for backup and disaster recovery, you'll be confident that your virtualized data center is working for your organization - not hampering it. Finally, the book will empower you to unlock the full potential of cloud through KVM. Migrating your physical machines to the cloud can be challenging, but once you've mastered KVM, it's a little easier. Style and approach Combining advanced insights with practical solutions,

Mastering KVM
Virtualization is a vital resource for anyone that believes in the power of virtualization to help a business use resources more effectively.
Anchor
Build fast, efficient Kubernetes-based Java applications using the Quarkus framework, MicroProfile, and Java standards. In *Kubernetes Native Microservices with Quarkus and MicroProfile* you'll learn how to:
Deploy enterprise Java applications on Kubernetes
Develop applications using the Quarkus runtime
Compile natively using GraalVM for blazing speed
Create efficient microservices applications
Take advantage of MicroProfile specifications
Popular Java frameworks like Spring were designed long before Kubernetes and the microservices revolution. *Kubernetes Native Microservices with Quarkus and MicroProfile* introduces next generation tools that have been cloud-native and Kubernetes-aware right from the beginning. Written by veteran Java developers John Clingan and Ken Finnigan, this book shares expert insight into Quarkus and MicroProfile directly from

contributors at Red Hat. You'll learn how to utilize these modern tools to create efficient enterprise Java applications that are easy to deploy, maintain, and expand. About the technology **Build microservices efficiently with modern Kubernetes-first tools!** Quarkus works naturally with containers and Kubernetes, radically simplifying the development and deployment of microservices. This powerful framework minimizes startup time and memory use, accelerating performance and reducing hosting cost. And because it's Java from the ground up, it integrates seamlessly with your existing JVM codebase. About the book **Kubernetes Native Microservices with Quarkus and MicroProfile** teaches you to build microservices using containers, Kubernetes, and the Quarkus framework. You'll immediately start developing a deployable application using Quarkus and the MicroProfile APIs. Then, you'll explore the startup and runtime gains Quarkus delivers out of the box and also learn how to supercharge performance by compiling natively using GraalVM.

Along the way, you'll see how to integrate a Quarkus application with Spring and pick up pro tips for monitoring and managing your microservices. What's inside Deploy enterprise Java applications on Kubernetes Develop applications using the Quarkus runtime framework Compile natively using GraalVM for blazing speed Take advantage of MicroProfile specifications About the reader For intermediate Java developers comfortable with Java EE, Jakarta EE, or Spring. Some experience with Docker and Kubernetes required. About the author John Clingan is a senior principal product manager at Red Hat, where he works on enterprise Java standards and Quarkus. Ken Finnigan is a senior principal software engineer at Workday, previously at Red Hat working on Quarkus.

Table of Contents PART 1 INTRODUCTION 1 Introduction to Quarkus, MicroProfile, and Kubernetes 2 Your first Quarkus application PART 2 DEVELOPING MICROSERVICES 3 Configuring microservices 4 Database access with Panache 5 Clients for consuming other microservices 6 Application health 7 Resilience strategies 8 Reactive in an imperative world 9 Developing Spring microservices with Quarkus PART 3 OBSERVABILITY, API DEFINITION, AND SECURITY OF MICROSERVICES 10 Capturing metrics 11 Tracing microservices 12 API visualization 13 Securing a microservice

Fedora 10 and Red Hat Enterprise Linux Bible
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Gain hands-on experience of installing OpenShift Origin 3.9 in a production configuration and managing applications using the platform you built Key Features Gain hands-on experience of working with Kubernetes and Docker Learn how to deploy and manage applications in OpenShift Get a practical approach to managing applications on a cloud-based platform Explore multi-site and HA architectures of OpenShift for production Book Description Docker containers transform application delivery technologies to make them faster and more reproducible, and to reduce the amount of time wasted on configuration. Managing Docker containers in the multi-node or multi-datacenter environment is a big challenge, which is why container management platforms are required. OpenShift is a new generation of container management platforms built on top of both Docker and Kubernetes. It brings additional functionality to the table, something that is lacking in Kubernetes. This new functionality significantly helps software development teams to bring software development processes to a whole new level. In this book, we'll start by explaining the container architecture, Docker, and CRI-O overviews. Then, we'll look at container orchestration and Kubernetes. We'll cover OpenShift installation, and its basic and advanced components. Moving on, we'll deep dive into concepts such as deploying application OpenShift. You'll learn how to set up an end-to-end delivery pipeline while working with applications in OpenShift as a developer or DevOps. Finally, you'll discover how to properly design OpenShift in production environments. This book gives you hands-on experience of designing,

building, and operating OpenShift Origin 3.9, as well as building new applications or migrating existing applications to OpenShift. What you will learn Understand the core concepts behind containers and container orchestration tools Understand Docker, Kubernetes, and OpenShift, and their relation to CRI-O Install and work with Kubernetes and OpenShift Understand how to work with persistent storage in OpenShift Understand basic and advanced components of OpenShift, including security and networking Manage deployment strategies and application's migration in OpenShift Understand and design OpenShift high availability Who this book is for The book is for system administrators, DevOps engineers, solutions architects, or any stakeholder who wants to understand the concept and business value of OpenShift.

Getting Started with OpenShift Asghar Ghori Create modular scalable enterprise-grade applications with JBoss Enterprise Application Platform 7 About This Book Leverage the power of JBoss EAP 7 along with

Java EE 7 to create professional enterprise grade applications. Get you applications cloud ready and make them highly scalable using this advanced guide. Become a pro Java Developer and move ahead of the crowd with this advanced practical guide. Who This Book Is For The ideal target audience for this book is Java System Administrators who already have some experience with JBoss EAP and who now want explore in depth creating Enterprise grade apps with the latest JBoss EAP version. What You Will Learn Configure services using the Command Line Interface Deliver fault tolerant server configurations Harden the application server with advanced techniques Expand the application server's horizon with tools such as like Docker/OpenShift Create enterprise ready configurations using clustering techniques. Deliver advanced security solutions and learn how to troubleshoot common network/performance issues In Detail The JBoss Enterprise Application Platform (EAP) has been one of the most popular tools for Java developers to create modular, cloud-

ready, and modern applications. It has achieved a reputation for architectural excellence and technical savvy, making it a solid and efficient environment for delivering your applications. The book will first introduce application server configuration and the management instruments that can be used to control the application server. Next, the focus will shift to enterprise solutions such as clustering, load balancing, and data caching; this will be the core of the book. We will also discuss services provided by the application server, such as database connectivity and logging. We focus on real-world example configurations and how to avoid common mistakes. Finally, we will implement the knowledge gained so far in terms of Docker containers and cloud availability using RedHat's OpenShift. Style and approach If you are a Java developer who wants to level-up to modern day Java web development with the latest Java EE 7 and JBoss EAP 7, this book is the ideal solution for you. It addresses (in a clear and simple way) proof-of-concept scenarios such as clustering and

cloud and container configurations, and explains how to solve common issues.

IBM PowerVM Virtualization

Introduction and Configuration

Packt Publishing Ltd
Design, build, and automate 10 real-world OpenStack administrative tasks with Ansible About This Book Automate real-world OpenStack cloud operator administrative tasks Construct a collection of automation code to save time on managing your OpenStack cloud Use this step-by-step tutorial to automate such tasks with Ansible Who This Book Is For If you are an OpenStack-based cloud operator and/or infrastructure administrator and are interested in automating administrative functions, then this book is exactly what you are looking for. Having a functioning OpenStack environment is helpful, but most certainly not necessary. What You Will Learn Efficiently execute OpenStack administrative tasks Familiarize yourself with how Ansible works and assess the defined best practices Create Ansible playbooks and roles Automate tasks to customize your

OpenStack cloud Review OpenStack automation considerations when automating administrative tasks Examine and automate advanced OpenStack tasks and designated use cases Get a high-level overview of OpenStack and the current production-ready projects Deep dive into OpenStack CLI tools and find out how to use them In Detail Most organizations are seeking methods to improve business agility because they have realized just having a cloud is not enough. Being able to improve application deployments, reduce infrastructure downtime, and eliminate daily manual tasks can only be accomplished through some sort of automation. Packed with real-world OpenStack administrative tasks, this book will walk you through working examples and explain how these tasks can be automated using one of the most popular open source automation tools—Ansible. We will start with a brief overview of OpenStack and Ansible and highlight some best practices. Each chapter will provide an introduction to handling various Cloud Operator administration tasks such

as creating multiple users/tenants, setting up Multi-Tenant Isolation, customizing your clouds quotas, taking instance snapshots, evacuating compute hosts for maintenance, and running cloud health checks, and a step-by-step tutorial on how to automate these tasks with Ansible. Style and approach This easy-to-follow reference guide is packed with examples of real-world OpenStack administration tasks; each task is explained in detail and then subsequently turned into automation code.

Silicon Snake Oil

Packt Publishing Ltd
Kubernetes has become the dominant container orchestrator, but many organizations that have recently adopted this system are still struggling to run actual production workloads. In this practical book, four software engineers from VMware bring their shared experiences running Kubernetes in production and provide insight on key challenges and best practices. The brilliance of Kubernetes is how configurable and extensible the system is, from pluggable runtimes to storage integrations. For platform engineers, software developers,

infosec, network engineers, storage engineers, and others, this book examines how the path to success with Kubernetes involves a variety of technology, pattern, and abstraction considerations. With this book, you will: Understand what the path to production looks like when using Kubernetes Examine where gaps exist in your current Kubernetes strategy Learn Kubernetes's essential building blocks-- and their trade-offs Understand what's involved in making Kubernetes a viable location for applications Learn better ways to navigate the cloud native landscape

Kubernetes Operators
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MAGIC has just started !!!
Red Hat RHCE 8 (EX294) Capsules will help you prepare and practice for the exam. We will walk together through the exam objectives ; which is publicly available in the EX294 Exam Objectives Section in Red Hat official site; that are required before going to the actual exam. Practicing a lot is a key point here, so, please, practice, practice, practice! We will review examples for each objective point from

EX294 exam objectives that will let you get ready for the actual exam. To make it clear! This is not the actual exam of-course as this is violating Red Hat exam NDA "Non Disclosure Agreement"! This is for Educational purposes only to get you ready for the exam and get your hands dirty with more practices and examples! Also, I will never ever explain each and every word I'm talking about here. I follow the capsules concept. If you need something else, you will find many; and I mean it; many resources out-there which covers the theoretical and other stuff in more details. Are we clear?! By the way, you can manipulate and customize any files or any configurations mentioned in the eBook as much as you want for the purpose of practicing things very well, why not! Just please revert it back or keep what we've mentioned in the capsules there; if it does not conflict with any other things you would put/change; when done with practicing so we can follow up and continue with our capsules! What will be included in the eBook to be able to master RHCE (EX294) Exam: Creating

prerequisites to have a functional Ansible managed environment. Separated and combined examples to try each and every exam objective. Knowing modules == Knowing Ansible! We will work with many of them! Roles. Are we ready for creating and using them! Ansible Galaxy world. How to work with that world?! LVM and Storage is a critical component. Let's make it simple here! Generating custom reports using Ansible! Vaults! shall we work with them?! LAB preparation steps that we will use during practicing the provided examples. Exam tips and tricks ;) ! and many more... Again; all this will be in a short, simple, and easy to implement "Capsules" that will allow you to understand easily and quickly with simplicity what is needed and how to implement it even in real life! Capsules are short and direct to the point so let's keep it like that! This is also important and let us make it clear: I'm assuming that you are already familiar with Ansible and having enough experience with Red Hat System Administration tasks even through Ansible or without it. Being RHCSA certified

engineer or having equivalent experience. I will explain in-short what I'm doing to keep the capsule simple and easy! But, please make sure you are really familiar with Ansible, RHCSA, and RHCE topics in order not to be unsatisfied with the capsules! As mentioned before, there are lots of resources and books out-there for learning such things. Here you will get ready for the exam through Capsules! Are you ready ?! One favor is required from you: Your feedback matters to me, so, please let me know your feedback and your review about this eBook. You can send me your feedback either to my E-mail or through a message to my LinkedIn profile below: E-mail: eng.waleed1@yahoo.com LinkedIn: <https://www.linkedin.com/in/waleed-hassan-a3542552> Thank you! Waleed Hassan

**Kubernetes Native
Microservices with
Quarkus and
MicroProfile** IBM

Redbooks
Operators are a way of packaging, deploying, and managing Kubernetes applications. A Kubernetes application doesn't just run on Kubernetes; it's composed

and managed in Kubernetes terms. Operators add application-specific operational knowledge to a Kubernetes cluster, making it easier to automate complex, stateful applications and to augment the platform. Operators can coordinate application upgrades seamlessly, react to failures automatically, and streamline repetitive maintenance like backups. Think of Operators as site reliability engineers in software. They work by extending the Kubernetes control plane and API, helping systems integrators, cluster administrators, and application developers reliably deploy and manage key services and components. Using real-world examples, authors Jason Dobies and Joshua Wood demonstrate how to use Operators today and how to create Operators for your applications with the Operator Framework and SDK. Learn how to establish a Kubernetes cluster and deploy an Operator Examine a range of Operators from usage to implementation Explore the three pillars of the Operator Framework: the Operator SDK, the Operator Lifecycle

Manager, and Operator Metering Build Operators from the ground up using the Operator SDK Build, package, and run an Operator in development, testing, and production phases Learn how to distribute your Operator for installation on Kubernetes clusters
Red Hat RHCSA 8 Cert Guide Pearson IT Certification
Summary Enterprise Java Microservices is an example-rich tutorial that shows how to design and manage large-scale Java applications as a collection of microservices. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Large applications are easier to develop and maintain when you build them from small, simple components. Java developers now enjoy a wide range of tools that support microservices application development, including right-sized app servers, open source frameworks, and well-defined patterns. Best of all, you can build microservices applications using your existing Java skills. About the Book Enterprise Java

Microservices teaches you to design and build JVM-based microservices applications. You'll start by learning how microservices designs compare to traditional Java EE applications. Always practical, author Ken Finnigan introduces big-picture concepts along with the tools and techniques you'll need to implement them. You'll discover ecosystem components like Netflix Hystrix for fault tolerance and master the Just enough Application Server (JeAS) approach. To ensure smooth operations, you'll also examine monitoring, security, testing, and deploying to the cloud. What's inside The microservices mental model Cloud-native development Strategies for fault tolerance and monitoring Securing your finished applications About the Reader This book is for Java developers familiar with Java EE. About the Author Ken Finnigan leads the Thorntail project at Red Hat, which seeks to make developing microservices for the cloud with Java and Java EE as easy as possible. Table of Contents PART 1 MICROSERVICES BASICS Enterprise Java

microservices Developing a simple RESTful microservice Just enough Application Server for microservices Microservices testing Cloud native development PART 2 - IMPLEMENTING ENTERPRISE JAVA MICROSERVICES Consuming microservices Discovering microservices for consumption Strategies for fault tolerance and monitoring Securing a microservice Architecting a microservice hybrid Data streaming with Apache Kafka **Mastering KVM Virtualization** Deploying to OpenShift Optimized for Kubernetes, Quarkus is designed to help you create Java applications that are cloud first, container native, and serverless capable. With this cookbook, authors Alex Soto Bueno and Jason Porter from Red Hat provide detailed solutions for installing, interacting with, and using Quarkus in the development and production of microservices. The recipes in this book show midlevel to senior developers familiar with Java enterprise application development how to get started with Quarkus quickly. You'll

become familiar with how Quarkus works within the wider Java ecosystem and discover ways to adapt this framework to your particular needs. You'll learn how to: Shorten the development cycle by enabling live reloading in dev mode Connect to and communicate with Kafka Develop with the reactive programming model Easily add fault tolerance to your services Build your application as a Kubernetes-ready container Ease development with OpenAPI and test a native Quarkus application [Red Hat OpenShift V4.3 on IBM Power Systems Reference Guide](#) Simon and Schuster This document provides the step-by-step instructions for installing OpenShift OKD 3.10 on LinuxONE. The intended audience is Systems Architects and Specialists who design, size, and implement solutions on IBM® infrastructures. **ACI Advanced Monitoring and Troubleshooting** "O'Reilly Media, Inc." Develop the skill to manage and administer Red Hat Enterprise Linux and get ready to achieve the RHCSA certification Key Features: Learn the most common

administration and security tasks and manage enterprise Linux infrastructures efficiently Assess your knowledge using self-assessment questions based on real-world examples Understand how to apply the concepts of core systems administration in the real world Book Description: Whether in infrastructure or development, as a DevOps or site reliability engineer, Linux skills are now more relevant than ever for any IT job, forming the foundation of understanding the most basic layer of your architecture. With Red Hat Enterprise Linux (RHEL) becoming the most popular choice for enterprises worldwide, achieving the Red Hat Certified System Administrator (RHCSA) certification will validate your Linux skills to install, configure, and troubleshoot applications and services on RHEL systems. Complete with easy-to-follow tutorial-style content, self-assessment questions, tips, best practices, and practical exercises with detailed solutions, this book covers essential RHEL commands, user and group management, software management,

networking fundamentals, and much more. You'll start by learning how to create an RHEL 8 virtual machine and get to grips with essential Linux commands. You'll then understand how to manage users and groups on an RHEL 8 system, install software packages, and configure your network interfaces and firewall. As you advance, the book will help you explore disk partitioning, LVM configuration, Stratis volumes, disk compression with VDO, and container management with Podman, Buildah, and Skopeo. By the end of this book, you'll have covered everything included in the RHCSA EX200 certification and be able to use this book as a handy, on-the-job desktop reference guide. This book and its contents are solely the work of Miguel Pérez Colino, Pablo Irazo Gómez, and Scott McCarty. The content does not reflect the views of their employer (Red Hat Inc.). This work has no connection to Red Hat, Inc. and is not endorsed or supported by Red Hat, Inc. What You Will Learn: Deploy RHEL 8 in different footprints, from bare metal and virtualized to the cloud Manage users

and software on local and remote systems at scale Discover how to secure a system with SELinux, OpenSCAP, and firewalld Gain an overview of storage components with LVM, Stratis, and VDO Master remote administration with passwordless SSH and tunnels Monitor your systems for resource usage and take actions to fix issues Understand the boot process, performance optimizations, and containers Who this book is for: This book is for IT professionals or students who want to start a career in Linux administration and anyone who wants to take the RHCSA 8 certification exam. Basic knowledge of Linux and familiarity with the Linux command-line is necessary. *DevOps Culture and Practice with OpenShift* IBM Redbooks In *Silicon Snake Oil*, Clifford Stoll, the best-selling author of *The Cuckoo's Egg* and one of the pioneers of the Internet, turns his attention to the much-heralded information highway, revealing that it is not all it's cracked up to be. Yes, the Internet provides access to plenty of services, but useful

information is virtually impossible to find and difficult to access. Is being on-line truly useful? "Few aspects of daily life require computers...They're irrelevant to cooking, driving, visiting, negotiating, eating, hiking, dancing, speaking, and gossiping. You don't need a computer to...recite a poem or say a prayer." Computers can't, Stoll claims, provide a richer or better life. A cautionary tale about today's media darling, Silicon Snake Oil has sparked intense debate across the country about the merits--and foibles--of what's been touted as the entranceway to our future.

Fedora Linux Toolbox

IBM Redbooks

More than 50 percent new and revised content for today's Linux environment gets you up and running in no time! Linux continues to be an excellent, low-cost alternative to expensive operating systems. Whether you're new to Linux or need a reliable update and reference, this is an excellent resource. Veteran bestselling author Christopher Negus provides a complete tutorial packed with major updates, revisions, and

hands-on exercises so that you can confidently start using Linux today. Offers a complete restructure, complete with exercises, to make the book a better learning tool Places a strong focus on the Linux command line tools and can be used with all distributions and versions of Linux Features in-depth coverage of the tools that a power user and a Linux administrator need to get started This practical learning tool is ideal for anyone eager to set up a new Linux desktop system at home or curious to learn how to manage Linux server systems at work.

Enterprise Java

Microservices Apress Intrigued by the possibilities of developing web applications in the cloud? With this concise book, you get a quick hands-on introduction to OpenShift, the open source Platform as a Service (PaaS) offering from Red Hat. You'll learn the steps necessary to build, deploy, and host a complete real-world application on OpenShift, without having to read long, detailed explanations of the technologies involved. Though the book uses Python, application examples in other

languages are available on GitHub. If you can build web applications, use a command line, and program in Java, Python, Ruby, Node.js, PHP, or Perl, you're ready to get started. Dive in and create your first example application with OpenShift Modify the example with your own code and hot-deploy the changes Add components such as a database, task scheduling, and monitoring Use external libraries and dependencies in your application Delve into networking, persistent storage, and backup options Explore ways to adapt your team processes to use OpenShift Learn OpenShift terms, technologies, and commands Get a list of resources to learn more about OpenShift and PaaS *OpenShift for Developers* IBM Redbooks Ready to build cloud native applications? Get a hands-on introduction to daily life as a developer crafting code on OpenShift, the open source container application platform from Red Hat. Creating and packaging your apps for deployment on modern distributed systems can be daunting. Too often,

adding infrastructure value can complicate development. With this practical guide, you'll learn how to build, deploy, and manage a multitiered application on OpenShift. Authors Joshua Wood and Brian Tannous demonstrate how OpenShift speeds application development. With the Kubernetes container orchestrator at

its core, OpenShift simplifies and automates the way you build, ship, and run code. You'll learn how to use OpenShift and the Quarkus Java framework to develop and deploy apps using proven enterprise technologies and practices that you can apply to code in any language. Learn the development cycles for building and deploying on

OpenShift, and the tools that drive them Use OpenShift to build, deploy, and manage the ongoing lifecycle of an n-tier application Create a continuous integration and deployment pipeline to turn your source code changes into production rollouts Automate scaling decisions with metrics and trigger lifecycle events with webhooks

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