Dell Poweredge R710 Documentation

Middleware 2012ACM/IFIP/USENIX 13th
International Middleware Conference, Montreal,
Canada, December 3-7, 2012. ProceedingsSpringer
The book discusses real-world problems and
exploratory research in computational intelligence
and mathematical models. It brings new approaches
and methods to real-world problems and exploratory
research that describes novel approaches in the
mathematical methods, computational intelligence
methods and software engineering in the scope of
the intelligent systems. This book constitutes the
refereed proceedings of the Computational Methods
in Systems and Software 2017, a conference that
provided an international forum for the discussion of
the latest high-quality research results in all areas
related to computational methods, statistics,
cybernetics and software engineering.
This book provides an overview of modern boot
firmware, including the Unified Extensible Firmware
Interface (UEFI) and its associated EFI Developer
Kit II (EDKII) firmware. The authors have each made
significant contributions to developments in these
areas. The reader will learn to use the latest
developments in UEFI on modern hardware,
including open source firmware and open hardware
designs. The book begins with an exploration of
interfaces exposed to higher-level software and

operating systems, and commences to the left of the boot timeline, describing the flow of typical systems, beginning with the machine restart event. Software engineers working with UEFI will benefit greatly from this book, while specific sections of the book address topics relevant for a general audience: system architects, pre-operating-system application developers, operating system vendors (loader, kernel), independent hardware vendors (such as for plug-in adapters), and developers of end-user applications. As a secondary audience, project technical leaders or managers may be interested in this book to get a feel for what their engineers are doing. The reader will find: An overview of UEFI and underlying Platform Initialization (PI) specifications How to create UEFI applications and drivers Workflow to design the firmware solution for a modern platform Advanced usages of UEFI firmware for security and manageability

From New York Times bestselling author Tim Green comes a captivating baseball novel about one kid's search of a lifetime. It's always been just Ryder and his mom. But on the way home from Ryder's baseball practice, everything comes to a halt. An accident sends his mom to the hospital, and now she is fighting for her life. So Ryder goes on a search to find his father, determined to help pay for the expensive operation to save his mother's life. But with only a signed baseball and a letter as his clues,

and the help of his next-door neighbor and a New York City firefighter, will everything fall into place in time, or will Ryder become a lost boy forever? New York Times bestselling author Tim Green knocks this one out of the park, combining heart and baseball to create a story that readers will never forget. "Masterfully captures the largely forgotten saga of warrior queens through the ages . . . an epic filled with victory, defeat, and legendary women." —Patrick K. O'Donnell, bestselling author of The Indispensables History's killer queens come in all colors, ages, and leadership styles. Elizabeth Tudor and Golda Meir played the roles of high-stakes gamblers who studied maps with an unblinking, calculating eye. Angola's Queen Njinga was willing to shed (and occasionally drink) blood to establish a stable kingdom in an Africa ravaged by the slave trade. Caterina Sforza defended her Italian holdings with cannon and scimitar, and Indira Gandhi launched a war to solve a refugee crisis. From ancient Persia to modern-day Britain, the daunting thresholds these exceptional women had to cross—and the clever, sometimes violent ways in which they smashed obstacles in their paths—are evoked in vivid detail. The narrative sidles up to these war queens in the most dire, tumultuous moments of their reigns and examines the brilliant methods and maneuvers they each used to defend themselves and their people from enemy forces.

Father-daughter duo Jonathan W. and Emily Anne Jordan extoll the extraordinary power and potential of women in history who walked through war's kiln and emerged from the other side—some burnished to greatness, others burned to cinders. All of them, legends. "Reminds us intelligently, entertainingly and powerfully that strong-willed women have always been the equal—and very often the superior—of their male counterparts, even in the field historically most jealously reserved for men: warfare." —Andrew Roberts, New York Times–bestselling author "This book should be required reading for anyone who loves history." —James M. Scott, Pulitzer Prize finalist In today's modernized market, many fields are utilizing internet technologies in their everyday methods of operation. The industrial sector is no different as these technological solutions have provided several benefits including reduction of costs, scalability, and efficiency improvements. Despite this, cyber security remains a crucial risk factor in industrial control systems. The same public and corporate solutions do not apply to this specific district because these security issues are more complex and intensive. Research is needed that explores new risk assessment methods and security mechanisms that professionals can apply to their modern technological procedures. Cyber Security of Industrial Control Systems in the Future Internet

Environment is a pivotal reference source that provides vital research on current security risks in critical infrastructure schemes with the implementation of information and communication technologies. While highlighting topics such as intrusion detection systems, forensic challenges, and smart grids, this publication explores specific security solutions within industrial sectors that have begun applying internet technologies to their current methods of operation. This book is ideally designed for researchers, system engineers, managers, networkers, IT professionals, analysts, academicians, and students seeking a better understanding of the key issues within securing industrial control systems that utilize internet technologies.

You can't run! You can't hide! But you can scream for a quick death as the evil, demented geniuses behind Haunted Horror continue to slowly pry away the disgusting coffin lid of pre-code comics, revealing monstrosity upon atrocity—freaks upon creeps—morbidity upon (insert something spooky that rhymes with morbidity). 48 putrid pages of frightful, fiendish fun—in fact, put on your best red dress, HH fans, because your FUNeral is about to begin!

Under what conditions will people tell the truth, behave fairly and act with purpose at work? And when will they lie, cheat and be selfish? Based on 15 years of research, To Be Honest explains how four

factors (Clear Identity, Accountability, Governance and Cross-Functional Relationships) affect honesty, justice and purpose within a company. When these factors are absent or ineffective, the organizational conditions compel employees to choose dishonesty and self-interest. But when done well, the organization is 16 times more likely to have people tell the truth, behave fairly and serve a greater good. To Be Honest shares the stories of leaders who have acted with purpose, honesty and justice even when it was difficult to do so. In-depth interviews with CEOs and senior executives from exemplar companies such as Patagonia, Cabot Creamery, Microsoft and others reveal what it takes to build purpose-driven companies of honesty and justice. Interviews with thought leaders like Jonathan Haidt, Amy Edmondson, Dan Ariely and James Detert offer rich insights on how leaders can become more honest and purposeful. You'll learn how Hubert Joly took Best Buy from a company on the brink of bankruptcy to one that is profitable, thriving and purposeful. Filled with real-life examples, To Be Honest offers actionable steps, practical tools and approaches that any leader or manager can use to create a culture of purpose, honesty and justice. This is the third edition of the bestselling one-stop resource for sysadmins and DevOps professionals to learn, configure and use Ubuntu 20.04 for their day-to-day operations and deployments. Key features A

hands-on book that will teach you how to deploy, maintain and troubleshoot Ubuntu Server Learn to leverage the improved performance and security-related aspects of Ubuntu Server 20.04 LTS New chapters dedicated to exploring Ubuntu for cloud Book Description Ubuntu Server has taken data centers around the world by storm. Whether you're deploying Ubuntu for a large-scale project or for a small office, it is a stable, customizable, and powerful Linux distribution with innovative and cutting-edge features. For both simple and complex server deployments, Ubuntu's flexible nature can be easily adapted to meet to the needs of your organization. This third edition is updated to cover the advancements of Ubuntu 20.04 LTS and further train you to understand how to use Ubuntu Server, from initial deployment to creating production-ready resources for your network. The book begins with the concepts of user management, group management, and file system permissions. Continuing into managing storage volumes, you will learn how to format storage devices, utilize logical volume management, and monitor disk usage. Later, you will learn how to virtualize hosts and applications, which will include setting up QEMU & KVM, as well as containerization with both Docker and LXD. As the book continues, you will learn how to automate configuration with Ansible, as well as take a look at writing scripts. Lastly, you will explore

best practices and troubleshooting techniques when working with Ubuntu Server that are applicable to real-world scenarios. By the end of this Ubuntu Server book, you will be well-versed in Ubuntu server's advanced concepts and attain the required proficiency needed for Ubuntu Server administration. What You Will Learn Manage users, groups, and permissions Optimize the performance of system resources Perform disk encryption and decryption with Linux Unified Key Setup (LUKS) Set up Secure Shell (SSH) for remote access, and connect it to other nodes Share directories using Samba and Network File System (NFS) Get familiar with scripting to improve command-line efficiency Configure VMs, containers, and orchestrate with MicroK8s and Kubernetes Automate server deployments with Ansible and cloud server deployments with Terraform Who this book is for The book is written to cater to sysadmins and DevOps professionals whose teams are planning to employ an Ubuntu/Linux environment for their development needs. Prior knowledge of Ubuntu is not required. However, it is assumed that you possess some IT admin, Linux, and shell scripting experience. This book presents best selected research papers presented at the First International Conference on Integrated Intelligence Enable Networks and Computing (IIENC 2020), held from May 25 to May 27, 2020, at the Institute of Technology, Gopeshwar,

India (Government Institute of Uttarakhand Government and affiliated to Uttarakhand Technical University). The book includes papers in the field of intelligent computing. The book covers the areas of machine learning and robotics, signal processing and Internet of things, big data and renewable energy sources.

The world of scholarship is changing rapidly. Increasing demands on scholars, the growing size and complexity of questions and problems to be addressed, and advances in sophistication of data collection, analysis, and presentation require new approaches to scholarship. A ubiquitous, open information infrastructure for scholarship, consisting of linked open data, open-source software tools, and a community committed to sustainability are emerging to meet the needs of scholars today. This book provides an introduction to VIVO, http://vivoweb.org/, a tool for representing information about research and researchers -- their scholarly works, research interests, and organizational relationships. VIVO provides an expressive ontology, tools for managing the ontology, and a platform for using the ontology to create and manage linked open data for scholarship and discovery. Begun as a project at Cornell and further developed by an NIH funded consortium, VIVO is now being established as an open-source project with community participation from around the world. By the end of

2012, over 20 countries and 50 organizations will provide information in VIVO format on more than one million researchers and research staff, including publications, research resources, events, funding, courses taught, and other scholarly activity. The rapid growth of VIVO and of VIVO-compatible data sources speaks to the fundamental need to transform scholarship for the 21st century. Table of Contents: Scholarly Networking Needs and Desires / The VIVO Ontology / Implementing VIVO and Filling It with Life / Case Study: University of Colorado at Boulder / Case Study: Weill Cornell Medical College / Extending VIVO / Analyzing and Visualizing VIVO Data / The Future of VIVO: Growing the Community Along with servers and networking infrastructure, networked storage is one of the fundamental components of a modern data center. Because storage networking has evolved over the past two decades, the industry has settled on the basic storage networking technologies. These technologies are Fibre Channel (FC) storage area networks (SANs), Internet Small Computer System Interface (iSCSI)-based Ethernet attachment, and Ethernet-based network-attached storage (NAS). Today, lossless, low-latency, high-speed FC SANs are viewed as the high-performance option for networked storage. iSCSI and NAS are viewed as lower cost, lower performance technologies. The advent of the 100 Gbps Ethernet and Data Center

Bridging (DCB) standards for lossless Ethernet give Ethernet technology many of the desirable characteristics that make FC the preferred storage networking technology. These characteristics include comparable speed, low latency, and lossless behavior. Coupled with an ongoing industry drive toward better asset utilization and lower total cost of ownership, these advances open the door for organizations to consider consolidating and converging their networked storage infrastructures with their Ethernet data networks. Fibre Channel over Ethernet (FCoE) is one approach to this convergence, but 10-Gbps-enabled iSCSI also offers compelling options for many organizations with the hope that their performance can now rival that of FC. This IBM® Redbooks® publication is written for experienced systems, storage, and network administrators who want to integrate the IBM System Networking and Storage technology successfully into new and existing networks. This book provides an overview of today's options for storage networking convergence. It reviews the technology background for each of these options and then examines detailed scenarios for them by using IBM and IBM Business Partner convergence products.
vSphere High Performance Cookbook is written in a practical, helpful style with numerous recipes focusing on answering and providing solutions to common, and not-so common, performance issues

and problems.The book is primarily written for technical professionals with system administration skills and some VMware experience who wish to learn about advanced optimization and the configuration features and functions for vSphere 5.1. Death Of A Sanitation Engineer Imagine a time in the distant future where France is nothing more than a parking lot. Andy Wilson embarked on a space station to visit new worlds, meet aliens, and mainly to party. Assigned to sanitation duties out in deep space could drive anyone crazy. Especially when your leader is an egg and war is brewing...

The incredible true story of Tiger Woods's dramatic comeback following his humbling and very public personal, physical, and professional setbacks. One publicly imploded marriage. Two car accidents. Eight surgeries. And now, a miracle of hard work and storied talent: five Masters wins. Once hailed as "the greatest closer in history" before he fell further than any beloved athlete in America's memory, Tiger swung at the world's wildest expectations and beat the skeptics with his April 2019 Masters championship. Roaring Back traces his road to Augusta and the improbable, phenomenal comeback of one of the greatest golfers in history. New York Times–bestselling author Curt Sampson details the highs and lows of Woods's career in three gripping acts. From his startling loss at the 2009 PGA Championship, detrimental obsession with his swing,

and that infamous night involving an ex-wife and a nine-iron…to adoring fans and lucrative sponsors turning their backs, exclusive interviews with past instructors and PGA tour peers, and an arrest complete with a toxicology report . . . finally to Tiger coming from behind for his fifth green jacket as the crowd rumbled in Georgia, and how his comeback rivals those of the most dramatic in his sport. Sampson also places Woods's defeats and triumphs in the context of historic comebacks by other notable golfers like Ben Hogan, Skip Alexander, Aaron Silton, and Charlie Beljan, finding the forty-three-year-old alone on the green for his trajectory of victory against all odds. As this enthralling book reveals, Tiger never doubted the perseverance of the winner in the mirror. "Sampson admirably details all the highs and lows." —Jim Nantz, CBS Sports
If you need a reliable tool for technical documentation, this clear and concise reference will help you take advantage of DocBook, the popular XML schema originally developed to document computer and hardware projects. DocBook 5.0 has been expanded and simplified to address documentation needs in other fields, and it's quickly becoming the tool of choice for many content providers. DocBook 5: The Definitive Guide is the complete, official documentation of DocBook 5.0. You'll find everything you need to know to use

DocBook 5.0's features-including its improved content model-whether you're new to DocBook or an experienced user of previous versions. Learn how to write DocBook XML documents Understand DocBook 5.0's elements and attributes, and how they fit together Determine whether your documents conform to the DocBook schema Learn about options for publishing DocBook to various output formats Customize the DocBook schema to meet your needs Get additional information about DocBook editing and processing

Ubuntu is a Debian-based Linux distribution with versions available for both desktops as well as servers. The Server edition, Ubuntu Server, has set the industry standard for Linux in the data center as well as the cloud. Organizations, inventors, and hobbyists alike will benefit from its flexible configuration, fast deployment, and a plethora ...

This book constitutes the refereed proceedings of the 11th International Conference on Similarity Search and Applications, SISAP 2018, held in Lima, Peru, in October 2018. The 16 full papers presented together with 3 short papers and 1 demonstration paper were carefully reviewed and selected from 31 submissions. The papers deal with issues surrounding the theory, design, analysis, practice, and application of content-based and feature-based similarity search. They are organized in the following topical sections: metric search; visual search; nearest neighbor queries; clustering and outlier detection; graphs and applications; and shared session

SISAP and SPIRE.

This book constitutes the refereed proceedings of the ACM/IFIP/USENIX 13th International Middleware Conference, held in Montreal, Canada, in December 2012. The 24 revised full papers presented were carefully reviewed and selected from 125 submissions. The papers are organized in topical sections on mobile middleware; tracing and diagnosis; architecture and performance; publish/subscribe middleware; and big-data and cloud computing; availability, security and privacy.

You think your team is bad? In this landmark work on one of the most tortured franchises in baseball, one reporter discovers that nine innings can feel like an eternity. In early 1973, gonzo sportswriter Mike Shropshire agreed to cover the Texas Rangers for the Fort-Worth Star-Telegram, not realizing that the Rangers were arguably the worst team in baseball history. Seasons in Hell is a riotous, candid, irreverent behind-the-scenes account in the tradition of The Bronx Zoo and Ball Four, following the Texas Rangers from Whitey Herzog's reign in 1973 through Billy Martin's tumultuous tenure. Offering wonderful perspectives on dozens of unique (and likely never-to-be-seen-again) baseball personalities, Seasons in Hell recounts some of the most extreme characters ever to play the game and brings to life the no-holds-barred culture of major league baseball in the mid-seventies.

March 2017 If you like this book (or the Kindle version), please leave positive review. This document provides the Cybersecurity Framework implementation details

developed for the manufacturing environment. The "Manufacturing Profile" of the Cybersecurity Framework can be used as a roadmap for reducing cybersecurity risk for manufacturers that is aligned with manufacturing sector goals and industry best practices. The Profile gives manufacturers:* A method to identify opportunities for improving the current cybersecurity posture of the manufacturing system* An evaluation of their ability to operate the control environment at their acceptable risk level* A standardized approach to preparing the cybersecurity plan for ongoing assurance of the manufacturing system's security Why buy a book you can download for free? First you gotta find it and make sure it's the latest version (not always easy). Then you gotta print it using a network printer you share with 100 other people - and its outta paper - and the toner is low (take out the toner cartridge, shake it, then put it back). If it's just 10 pages, no problem, but if it's a 250-page book, you will need to punch 3 holes in all those pages and put it in a 3-ring binder. Takes at least an hour. An engineer that's paid $75 an hour has to do this himself (who has assistant's anymore?). If you are paid more than $10 an hour and use an ink jet printer, buying this book will save you money. It's much more cost-effective to just order the latest version from Amazon.com This book is published by 4th Watch Books and includes copyright material. We publish compact, tightly-bound, full-size books (8 by 11 inches), with glossy covers. 4th Watch Books is a Service Disabled Veteran-Owned Small Business (SDVOSB), and is not affiliated with the National Institute of Standards and Technology. For

more titles published by 4th Watch Books, please visit: cybah.webplus.net A full copy of all the pertinent cybersecurity standards is available on DVD-ROM in the CyberSecurity Standards Library disc which is available at Amazon.com. NIST SP 500-299 NIST Cloud Computing Security Reference Architecture NIST SP 500-291 NIST Cloud Computing Standards Roadmap Version 2 NIST SP 500-293 US Government Cloud Computing Technology Roadmap Volume 1 & 2 NIST SP 500-293 US Government Cloud Computing Technology Roadmap Volume 3 DRAFT NIST SP 1800-8 Securing Wireless Infusion Pumps NISTIR 7497 Security Architecture Design Process for Health Information Exchanges (HIEs) NIST SP 800-66 Implementing the Health Insurance Portability and Accountability Act (HIPAA) Security Rule NIST SP 1800-1 Securing Electronic Health Records on Mobile Devices NIST SP 800-177 Trustworthy Email NIST SP 800-184 Guide for Cybersecurity Event Recovery NIST SP 800-190 Application Container Security Guide NIST SP 800-193 Platform Firmware Resiliency Guidelines NIST SP 1800-1 Securing Electronic Health Records on Mobile Devices NIST SP 1800-2 Identity and Access Management for Electric Utilities NIST SP 1800-5 IT Asset Management: Financial Services NIST SP 1800-6 Domain Name Systems-Based Electronic Mail Security NIST SP 1800-7 Situational Awareness for Electric Utilities

"This Technical Manual is a guide to personnel who train post fire fighters. It consists of a series of lesson plans covering each phase of firemanship, and a brief

explanation of how to use the plans."--Introd.
This book is dedicated to advances in the field of user
authentication. The book covers detailed description of
the authentication process as well as types of
authentication modalities along with their several
features (authentication factors). It discusses the use of
these modalities in a time-varying operating
environment, including factors such as devices, media
and surrounding conditions, like light, noise, etc. The
book is divided into several parts that cover descriptions
of several biometric and non-biometric authentication
modalities, single factor and multi-factor authentication
systems (mainly, adaptive), negative authentication
system, etc. Adaptive strategy ensures the incorporation
of the existing environmental conditions on the selection
of authentication factors and provides significant diversity
in the selection process. The contents of this book will
prove useful to practitioners, researchers and students.
The book is suited to be used a text in
advanced/graduate courses on User Authentication
Modalities. It can also be used as a textbook for
professional development and certification coursework
for practicing engineers and computer scientists.
NATIONAL BESTSELLER • The intimate true story of
three of the greatest American generals of World War II,
and how their intense blend of comradery and
competition spurred Allied forces to victory. "One of the
great stories of the American military."—Thomas E.
Ricks, Pulitzer Prize-winning author of The Generals
Dwight Eisenhower, George Patton and Omar Bradley
shared bonds going back decades. All three were West

Pointers who pursued their army careers with a remarkable zeal, even as their paths diverged. Bradley was a standout infantry instructor, while Eisenhower displayed an unusual ability for organization and diplomacy. Patton, who had chased Pancho Villa in Mexico and led troops in the First World War, seemed destined for high command and outranked his two friends for years. But with the arrival of World War II, it was Eisenhower who attained the role of Supreme Commander, with Patton and Bradley as his subordinates. Jonathan W. Jordan's New York Times bestselling Brothers Rivals Victors explores this friendship that waxed and waned over three decades and two world wars, a union complicated by rank, ambition, jealousy, backbiting and the enormous stresses of command. In a story that unfolds across the deserts of North Africa to the beaches of Sicily, from D-Day to the Battle of the Bulge and beyond, readers are offered revealing new portraits of these iconic generals. Automating the Continuous Deployment Pipeline with Containerized MicroservicesAbout This Book* First principles of devops, Ansible, Docker, Kubernetes, microservices* Architect your software in a better and more efficient way with microservices packed as immutable containers* Practical guide describing an extremely modern and advanced devops toolchain that can be improved continuouslyWho This Book Is ForIf you are an intermediate-level developer who wants to master the whole microservices development and deployment lifecycle using some of the latest and greatest practices and tools, this is the book for you. Familiarity with the basics of Devops and Continuous Deployment will be useful.What You Will Learn * Get to grips with the fundamentals of Devops*

Architect efficient software in a better and more efficient way with the help of microservices* Use Docker, Kubernetes, Ansible, Ubuntu, Docker Swarm and more* Implement fast, reliable and continuous deployments with zero-downtime and ability to roll-back* Learn about centralized logging and monitoring of your cluster* Design self-healing systems capable of recovery from both hardware and software failuresIn DetailBuilding a complete modern devops toolchain requires not only the whole microservices development and a complete deployment lifecycle, but also the latest and greatest practices and tools. Victor Farcic argues from first principles how to build a devops toolchain. This book shows you how to chain together Docker, Kubernetes, Ansible, Ubuntu, and other tools to build the complete devops toolkit.Style and approach This book follows a unique, hands-on approach familiarizing you to the Devops 2.0 toolkit in a very practical manner. Although there will be a lot of theory, you won't be able to complete this book by reading it in a metro on a way to work. You'll need to be in front of your computer and get your hands dirty.

Is this finally the year of the Virtual Desktop Infrastructure (VDI)? There doesn't seem to be a straight answer to that question. A VDI can be designed to work perfectly in your environment, but could also be a big pain in the butt.This guide will help you design a VMware Horizon VDI, based on the VMware Certified Design Expert (VCDX) methodology. It will help you understand what steps need to be taken to bring a project to a successful result. It contains examples of real-world design projects, requirements & constraints which will help you make the right decision in a great variety of scenarios. As sizing does matter, you will also be guided through the complete sizing process.Other topics that will be covered: Windows 10, multi-site architectures, NSX, vSAN, profile strategies, application delivery strategies,

assessments, monitoring, security, GPUs, and remote protocols.
Matt Kindt and Tyler Jenkins, the Eisner Award-nominated team behind Grass Kings, reunite for a new ongoing series about a top-secret, elite branch of boy scouts tasked by the government to take on covert missions. Among their organization, the Black Badges are the elite; the best of the best. They are feared even by the other badges. The missions they take are dangerous, and they will only get worse as their leader's attention is split between their mission and tracking down a lost team member. A member who disappeared years ago, presumed dead. A haunting look at foreign policy, culture wars and isolationism through the lens of kids who know they must fix the world that adults have broken.
This book constitutes the refereed proceedings of three workshops held at the 19th International Conference on Financial Cryptography and Data Security, FC 2015, in San Juan, Puerto Rico, in January 2015. The 22 full papers presented were carefully reviewed and selected from 39 submissions. They feature the outcome of the Second Workshop on Bitcoin Research, BITCOIN 2015, the Third Workshop on Encrypted Computing and Applied Homomorphic Cryptography, WAHC 2015, and the First Workshop on Wearable Security and Privacy, Wearable 2015.
The two-volume set, LNCS 9326 and LNCS 9327 constitutes the refereed proceedings of the 20th European Symposium on Research in Computer Security, ESORICS 2015, held in Vienna, Austria, in September 2015. The 59 revised full papers presented were carefully reviewed and selected from 298 submissions. The papers address issues such as networks and Web security; system security; crypto application and attacks; risk analysis; privacy; cloud security;

protocols and attribute-based encryption; code analysis and side-channels; detection and monitoring; authentication; policies; and applied security.

The book follows a tutorial-based approach and will teach you how to work with JSON tools, design JSON objects, and how to use different techniques to handle JSON data.This book is a great resource for developers who would like to learn more about JSON and who wish to apply it in their own projects. It will be useful to have some prior knowledge of HTML and JavaScript to help you understand the concepts covered in this book. Some familiarity with a server-side language such as PHP, C#, or Python would also be beneficial, but this is not compulsory.

Do you want to learn Hungarian the fast, fun and easy way? And do you want to master daily conversations and speak like a native? Then this is the book for you. Learn Hungarian: Must-Know Hungarian Slang Words & Phrases by HungarianPod101 is designed for Beginner-level learners. You learn the top 100 must-know slang words and phrases that are used in everyday speech. All were hand-picked by our team of Hungarian teachers and experts. Here's how the lessons work: • Every Lesson is Based on a Theme • You Learn Slang Words or Phrases Related to That Theme • Check the Translation & Explanation on How to Use Each One And by the end, you will have mastered 100+ Hungarian Slang Words & phrases!

Computer Architecture: A Quantitative Approach, Sixth Edition has been considered essential reading by instructors, students and practitioners of computer design for over 20 years. The sixth edition of this classic textbook from Hennessy and Patterson, winners of the 2017 ACM A.M. Turing Award recognizing contributions of lasting and major technical importance to the computing field, is fully revised with the latest developments in processor and system

architecture. The text now features examples from the RISC-V (RISC Five) instruction set architecture, a modern RISC instruction set developed and designed to be a free and openly adoptable standard. It also includes a new chapter on domain-specific architectures and an updated chapter on warehouse-scale computing that features the first public information on Google's newest WSC. True to its original mission of demystifying computer architecture, this edition continues the longstanding tradition of focusing on areas where the most exciting computing innovation is happening, while always keeping an emphasis on good engineering design. Winner of a 2019 Textbook Excellence Award (Texty) from the Textbook and Academic Authors Association Includes a new chapter on domain-specific architectures, explaining how they are the only path forward for improved performance and energy efficiency given the end of Moore's Law and Dennard scaling Features the first publication of several DSAs from industry Features extensive updates to the chapter on warehouse-scale computing, with the first public information on the newest Google WSC Offers updates to other chapters including new material dealing with the use of stacked DRAM; data on the performance of new NVIDIA Pascal GPU vs. new AVX-512 Intel Skylake CPU; and extensive additions to content covering multicore architecture and organization Includes "Putting It All Together" sections near the end of every chapter, providing real-world technology examples that demonstrate the principles covered in each chapter Includes review appendices in the printed text and additional reference appendices available online Includes updated and improved case studies and exercises ACM named John L. Hennessy and David A. Patterson, recipients of the 2017 ACM A.M. Turing Award for pioneering a systematic, quantitative approach to the design and evaluation of computer architectures with enduring impact on

the microprocessor industry
Summary PowerShell and WMI is an example-driven guide
for administrators managing networks of Windows servers
and desktops. With 150 practical examples, including ready-
to-reuse scripts and techniques, you'll learn the ins and outs
of automating WMI via PowerShell v3. You'll also find deep
coverage of all aspects of Windows administration, including
IIS, DNS and Hyper-V. About the Technology WMI, on its
own, is simply a collection of Windows management facilities.
Paired with PowerShell, however, WMI becomes a brilliant
toolset for automating servers, networks, and remote
Windows computers. About the Book PowerShell and WMI is
an industrial-strength guide for administrators of Windows
networks, servers, and desktops. You'll start with practical
overviews of PowerShell and of WMI. Then you'll explore 150
specific examples—all with ready-to-use scripts—designed to
simplify your day-to-day system management. Each tested
technique is configured to load as part of a PowerShell
module. A set of handy appendixes includes references for
PowerShell and WMI. Prior exposure to PowerShell and WMI
is helpful but not required. Purchase of the print book comes
with an offer of a free PDF, ePub, and Kindle eBook from
Manning. Also available is all code from the book. What's
Inside Managing Windows, IIS, and Hyper-V Remote
desktops and devices Logs, jobs, and performance New
PowerShell v3 WMI functionality
=============================== Table of Contents
PART 1 TOOLS OF THE TRADE Solving administrative
challenges Using PowerShell WMI in depth Best practices
and optimization PART 2 WMI IN THE ENTERPRISE?
System documentation Disk systems Registry administration
Filesystem administration Services and processes Printers
Configuring network adapters Managing IIS Configuring a
server Users and security Logs, jobs, and performance

Administering Hyper-V with PowerShell and WMI PART 3 THE FUTURE: POWERSHELL V3 AND WMI WMI over WSMAN Your own WMI cmdlets CIM cmdlets and sessions This book and its companion volume, LNCS vols. 7331 and 7332, constitute the proceedings of the Third International Conference on Swarm Intelligence, ICSI 2012, held in Shenzhen, China in June 2012. The 145 revised full papers presented were carefully reviewed and selected from 247 submissions. The papers are organized in 27 cohesive sections covering all major topics of swarm intelligence research and developments.

The computing world today is in the middle of a revolution: mobile clients and cloud computing have emerged as the dominant paradigms driving programming and hardware innovation today. The Fifth Edition of Computer Architecture focuses on this dramatic shift, exploring the ways in which software and technology in the cloud are accessed by cell phones, tablets, laptops, and other mobile computing devices. Each chapter includes two real-world examples, one mobile and one datacenter, to illustrate this revolutionary change. Updated to cover the mobile computing revolution Emphasizes the two most important topics in architecture today: memory hierarchy and parallelism in all its forms. Develops common themes throughout each chapter: power, performance, cost, dependability, protection, programming models, and emerging trends ("What's Next") Includes three review appendices in the printed text. Additional reference appendices are available online. Includes updated Case Studies and completely new exercises.

A practical guide packed with step-by-step recipes to design a virtual datacenter using VMware 5.x. This book is a guide for anyone interested in designing virtualized datacenters using VMware vSphere 5.x and the supporting components. Current administrators of VMware vSphere environments will

find this book useful when interested in becoming a vSphere Architect or are interested in learning more about the virtual datacenter design process. Knowledge of vSphere installation, configuration, and administration is a prerequisite. Practice the Skills Essential for a Successful IT Career •80+ lab exercises challenge you to solve problems based on realistic case studies •Lab analysis tests measure your understanding of lab results •Step-by-step scenarios require you to think critically •Key term quizzes help build your vocabulary Mike Meyers' CompTIA Network+® Guide to Managing and Troubleshooting Networks Lab Manual, Fifth Editioncovers:•Network models•Cabling and topology•Ethernet basics and modern Ethernet•Installing a physical network•TCP/IP•Routing•Network naming•Advanced networking devices•IPv6•Remote connectivity•Wireless networking•Virtualization and cloud computing•Mobile networking•Building a real-world network•Managing risk•Protecting your network•Network monitoring and troubleshooting
Bring on-premise and cloud collaboration features to life with Microsoft's enterprise content management platform - SharePoint Server Key Features Get up to speed with the latest version of SharePoint and make the most of its features Set up and effectively manage your SharePoint Farm in the cloud or on premise Learn how to align your development tools and cloud infrastructure to support collaboration Book Description Microsoft's latest addition to their product range, SharePoint Server 2019, is a new enterprise content management platform that brings on-premise collaboration features to life. It can be used as an isolated platform or in a hybrid connected configuration providing management and connectivity to Office 365. You can use the SharePoint framework to host sites, information, data, and applications in a robust CMS that centralizes collaborative content for

enterprises. SharePoint 2019 enables new integrations and features that will allow you to work seamlessly with new and old Office products such as Microsoft Power Apps and other Microsoft Office applications. Implementing Microsoft SharePoint 2019 will help you understand the challenges, planning, migration steps, installation concepts, and configuration involved in providing this platform for your enterprise. The book will also show you what the platform brings to the table from an on-premise server perspective. If you're new to SharePoint 2019, you'll also be guided through how to get servers up and running so that you and your user community can become productive with this powerful new platform. By the end of this book, you'll be well-versed in Microsoft SharePoint 2019 and have the knowledge you need to apply your skills in the real world. What you will learn Understand changes to the platform and how to migrate from other versions of SharePoint Explore infrastructure planning and governance relating to collaborative environments Install and configure network components, servers, and desktops Use SharePoint services and other Microsoft product servers and apps Monitor and troubleshoot SharePoint after it is implemented Discover the tools that can be used with SharePoint 2019 for BI and reporting Delve into social features and collaboration Maintain, monitor, and support the rollout of the platform in your enterprise Who this book is for The book is for SharePoint administrators, project managers, and architects who have some experience in designing, planning, implementing, and managing SharePoint Farms. Copyright: 8b344857b60ac234abb2ae7d51942fe7