

How To Install Firmware On Asus Google Nexus Me370tg

Businesses are using IBM® Power Systems servers and Linux to consolidate multiple SAP workloads onto fewer systems, increasing infrastructure utilization; reliability, availability, and serviceability (RAS); and scalability, and reducing cost. This IBM Redpaper Redbooks publication describes key hardware and software components of an SAP solution stack. Furthermore, this book addresses non-functional items like RAS, security, and issue handling. Practical help for planning, implementation, configuration, and monitoring of a solution stack are provided. This publication addresses topics for sellers, IT architects, IT business managers, and end users who manage SAP workloads on IBM Power Systems servers. Moreover, this guide provides documentation to transfer how-to skills to the technical teams, and it provides solution guidance to the sales team. This publication complements documentation that is available at IBM Knowledge Center, and it aligns with educational materials that are provided by IBM Systems.

This IBM® Redbooks® publication describes the new IBM i Midrange External Storage solutions available for IBM POWER7M Systems POWER7M servers with IBM i being a client of IBM Virtual I/O Server (VIOS). It introduces the VIOS virtualization concepts and IBM DS Midrange External Storage Systems architecture of the supported models DS3400, DS4700, DS4800, and DS5000, discusses planning and sizing for IBM i Midrange External Storage, and provides detailed implementation procedures including IBM DS Midrange Storage Copy Services. Finally, it provides monitoring, maintenance, and troubleshooting hints for the triumvirate of IBM i, VIOS, and IBM DS Midrange External Storage. The information provided by this book will help customers, business partners, and IBM service professionals with planning and implementing IBM i Midrange External Storage solutions.

Over 60 recipes that harness the power of the Raspberry Pi together with Python programming and create enthralling and captivating projects About This Book Install your first operating system, share files over the network, and run programs remotely Construct robots and interface with your own circuits and purpose built household devices using this pragmatic guide packed with clear, step-by-step recipes to walk you through the capabilities of Raspberry Pi who This Book Is For Readers are expected to be familiar with programming concepts and Python (where possible Python 3 is used), although beginners should manage with the help of a good Python reference book and background reading. No prior knowledge of the Raspberry Pi or electronics is required; however, for the hardware sections you will need some basic electronic components/household tools to build some of the projects. What You Will Learn Get the Raspberry Pi set up and running for the first time Remotely connect to the Raspberry Pi and use your PC/laptop instead of a separate screen/keyboard Get to grips with text, files and creating quick menus using Python Develop desktop applications; handle images and process files with ease Make use of graphics and user control to develop your own exciting games Use the Raspberry Pi's powerful GPU to create 3D worlds Take control of the real world and interface with physical hardware, combining hardware and software for your own needs Measure and control processes, respond to real events and monitor through the Internet Learn about the Raspberry Pi hardware inputs/outputs, starting with the basics and beyond Expand the capabilities of the Raspberry Pi with hardware expansion / add-on modules (use analogue inputs, drive servos and motors, and use SPI/I2C) Create your own Pi-Rover or Pi-Hexpod driven by the Raspberry Pi Make use of existing hardware by modifying and interfacing with it using the Raspberry Pi In Detail Raspberry Pi cookbook for Python Programmers is a practical guide for getting the most out of this little computer. This book begins by guiding you through setting up the Raspberry Pi, performing tasks using Python 3 and how to implement and manage SAP workloads on IBM Power Systems servers. Moreover, this guide provides documentation to transfer how-to skills to the technical teams, and it provides solution guidance to the sales team. This publication complements documentation that is available at IBM Knowledge Center, and it aligns with educational materials that are provided by IBM Systems.

This is the official curriculum of the Apple Mavericks 101: OS X Support Essentials 10.9 course and preparation for Apple Certified Support Professional (ACSP) 10.9 certification- as well as a top-notch primer for anyone who needs to support, troubleshoot, or optimize OS X Mavericks. This guide provides comprehensive coverage of Mavericks and is part of the Apple Pro Training Series-the only Apple-certified books on the market. Designed for support technicians, help desk specialists, and ardent Mac users, this guide takes you deep inside the Mavericks operating system. Readers will find in-depth, step-by-step instruction on everything from installing and configuring Mavericks to managing networks and system administration.Whether you run a computer lab or an IT department, you'll learn to set up users, configure system preferences, manage security and permissions, use diagnostic and repair tools, troubleshoot peripheral devices, and more—all on your way to preparing for the industry-standard ACSP certification. Covers updated system utilities and new features of OS X Mavericks, including iCloud Keychain and Tags. Features authoritative explanations of underlying technologies, troubleshooting, system administration, and much more. Focused lessons take you step by step through practical, realworld tasks. Lesson files and bonus material available for download-including lesson review questions summarizing what you've learned to prepare you for the Apple certification exam.

Canon EOS Rebel XS/1000D Digital Field Guide

Build Your Own 3D Printer

Tips & Tools for Internet Telephony

Canon EOS Digital Rebel XTi / 400D Digital Field Guide

Build a Rubik's Cube Solver and a Tic-tac-toe Playing Robot!

The beauty of a home network is that it can make life so easy—what could be better than sharing an Internet connection so that everyone can be online at the same time? With home networking you can move files from one computer to another, share resources, print to a single printer or multiple printers from any computer in the house, and IM the kids when they're holed up in their rooms. And the downside? Anyone who's ever had to troubleshoot a network glitch doesn't need to ask that question. The simple words, "Why can't I print? Why can't I get to the Internet? Why does my computer say "Access Denied" today, when it worked fine yesterday?" are enough to send the home network administrator running for cover. And the concept of "network security" can keep the soundest sleeper tossing and turning all night long. More than 6 million homes in the US have a network of some kind, and within five minutes of someone's master bedroom being disconnected to jump to 37 million. This speaks to the availability of easy-to-install home networking products. Unfortunately, there's also a glut of potential headaches that can occur after installation and during, sometimes with no warning label on the box saying, "This product sure to cause annoyances." But there is hope. Home Networking Annoyances will ease the headaches and annoyances of anyone who runs a home network. This book tackles all the common annoyances associated with running your network—whether it's wired or wireless, or a combination thereof. It's friendly, off-the-wall approach will put you in a position of power over those home networking glitches, including file sharing, printing, cabling, security, and much more. You'll find dozens of on-target tips, workarounds, and fixes that will help you improve your home networking experience in every way possible. Whether you're a mainstream business user or a home user with newly installed network hardware, you've probably had your patience tested by frustrating network maintenance issues. Take a stand against annoyances now; just as the bestselling PC Annoyances brought peace and happiness to PC users everywhere, Home Networking Annoyances is your ticket to serenity.

Easy-to-understand techniques for getting the most from your Canon EOS SD Mark II DSLR At nearly \$3,000 for the body only, the Canon SD Mark II DSLR is for amateurs and semi-professionals who are serious about taking great photos-and this go-anywhere guide shares insight for doing just that. Authors Charlotte Lowrie and Brian McLernon walk you step by step through each function on the Canon EOS SD Mark II, going into more depth and scope than the standard manual that accompanies the camera. Portable and easy to understand, the book shows you how to get the exact show you want, when you want them, and is packed with more than 200 beautiful color photos. Includes step-by-step techniques and professional tips on taking exceptional photos with your Canon EOS SD Mark II. Reviews how to better understand the vast world of digital photography with samples of inspirational photos taken by the author. With so much helpful advice for getting the most out of your Canon EOS SD Mark II, you'll be referring this guide again and again.

This document is one of a series of IBM® Redbooks® written specifically for the IBM Blue Gene/Q® system. The Blue Gene/Q system is the third generation of massively parallel supercomputers from IBM in the Blue Gene® series. This document explains how to install the Blue Gene/Q rack and the Blue Gene/Q I/O enclosure. It shows you how to remove and replace parts. The IBM® b-type Gen 5 Fibre Channel directors and switches provide reliable, scalable, and secure high-performance foundations for high-density server virtualization, cloud architectures, and next generation flash and SSD storage. They are designed to meet the demands of highly virtualized private cloud storage and data center environments. This IBM Redbooks® publication helps administrators learn how to implement or migrate to an IBM Gen 5 b-type SAN. It provides an overview of the key hardware and software products and explains how to install, monitor, tune, and troubleshoot your storage area network (SAN). Read this publication to learn about fabric design, managing and monitoring your network, key tools such as IBM Network Advisor and Fabric Vision, and troubleshooting.

IBM Midrange System Storage Implementation and Best Practices Guide

Wireless Home Networking For Dummies

IBM Midrange System Storage Hardware Guide

Printing in Plastic

Ubuntu 10.04 LTS Installation Guide

Discover the difference between making a robot move and making a robot think. Using Mindstorms EV3 and LeJOS—an open source project for Java Mindstorms projects—you'll learn how to create Artificial Intelligence (AI) for your bot. Your robot will learn how to problem solve, how to plan, and how to communicate. Along the way, you'll learn about classical AI algorithms for teaching hardware how to think; algorithms that you can then apply to your own robotic inspirations. If you've ever wanted to learn about robotic intelligence in a practical, playful way, Beginning Robotics Programming in Java with LEGO Mindstorms is for you. What you'll learn: Build your first LEGO EV3 robot step-by-step Install LeJOS and its firmware on Lego EV3 Create and upload your first Java program into Lego EV3 Work with Java programming for motors Understand robotics behavior programming with sensors Review common AI algorithms, such as DFS, BFS, and Dijkstra's Algorithm Who this book is for: Students, teachers, and makers with basic Java programming experience who want to learn how to apply Artificial Intelligence to a practical robotic system.

Take the fast route to better pictures with this guide packed with the advice of expert photographer Julie Adair King. It doesn't matter if you're shooting with a basic point-and-shoot camera, a pro camera, or the camera on your phone, the insights in this book help you get better results. Start with applying basic composition rules while you use your camera's automatic setting then move on to take full control of focus, color, and exposure."—Page 4 of cover.

This IBM® Redbooks® publication introduces a technical overview of the main new features, functions and enhancements available in IBM i 6.1 (formerly called i5/OS® V6R1). It gives a summary and brief explanation of new capabilities and what has changed in the operating system, and also discusses many of the licensed programs and application development tools associated with IBM i. Many other new and enhanced functions are described, such as virtualization of storage, security, JavaTM performance, improved performance with IBM System Storage™ devices, backup and recovery, including base IBM i, Backup, Recovery and Media Services (BRMS). The book introduces the PowerHATM product, IBM Systems Director-based system management and an easier Web enablement. The information provided in this book will be useful for customers, Business Partners, and IBM service professionals involved with planning, supporting, upgrading, and implementing IBM i 6.1 solutions.

With every release, Mac OS X grows more powerful, more dependable, and easier to use—and Mac OS X Tiger is no exception. But along with the new features come fresh issues—new areas to troubleshoot, new functionality to unravel, and new glitches waiting to confound even the savviest Mac users. Not to worry. Best-selling author and Mac guru Ted Landau turns his diagnostic's eye on Mac OS X Tiger, arming readers with fix-it-knowledge. This popular fix-it classic offers more troubleshooting information, tips, and hacks than any other single volume. Chock-full of detailed, understandable advice for maintaining and troubleshooting Mac OS X Tiger, this comprehensive reference is where users will turn before they head to the repair shop. Readers will find solutions for every Mac OS X problem under the sun plus the technical grounding they need to turn a diagnostic eye on their own operating systems. Filled with tips, tools, and preventive measures, the guide includes in-depth coverage of Library directories and folders, file and font maintenance, crash prevention and recovery, and more.

IBM i and Midrange External Storage

Apple Training Series

Implementing or Migrating to an IBM Gen 5 b-type SAN

Proceedings of a Workshop

Raspberry Pi User Guide

The official "Ubuntu 10.04 LTS Installation Guide" contains installation instructions for the Ubuntu 10.04 LTS system (codename "Lucid Lynx").

This IBM Redbooks publication is designed as a study guide for professionals wanting to prepare for the certification exam to achieve IBM Certified Systems Expert - eServer p5 and pSeries Enterprise Technical Support AIX V5.3. This technical support certification validates a broad scope of configuration, installation, and planning skills. In addition, it covers administrative and diagnostic activities needed to support logical partitions and virtual resources. This publication helps IBM eServer p5 and pSeries professionals seeking a comprehensive and task-oriented guide for developing the knowledge and skills required for the certification. It is designed to provide a combination of theory and practical experience needed for a general understanding of the subject matter. This publication does not replace the practical experience you should have, but is an effective tool that, when combined with education activities and experience, should prove to be a very useful preparation guide for the exam. Due to the close association with the certification content, this publication might reflect older software and firmware levels of the IBM eServer p5 systems and available features. If you are planning to take the eServer p5 and pSeries Enterprise Technical Support AIX V5.3 certification exam, this book is for you.

The Raspberry Pi is deceptively simple. Plug it in, boot it up, and use it as a personal computer, or attach a million gizmos and modules and invent something new and amazing. Either way, what it can actually do is not simple, and you should know exactly what the Raspberry Pi hardware is all about. Raspberry Pi Hardware Reference, from Mastering the Raspberry Pi, is the hardware guide you need on your desk or workbench. Every detail is covered: from power to memory, from the CPU to working with USB. You'll find all the details about working with both wired and wireless Ethernet, SD cards, and the UART interface. The GPIO chapter is invaluable, covering power budgeting, access, and even small but important details like the correct usage of sudo when working with GPIO pins. You'll also find details about the I-Wire driver, the I2C bus, and the SPI bus. If you need to know anything about your Raspberry Pi's hardware, you will find it here, in Raspberry Pi Hardware Reference.

Practical Information on Troubleshooting and Optimizing a Mac OS X 10.4, covering such topics as file systems, application environments, command-line interface, networking, printing, and startup.

IBM Power Systems HMC Implementation and Usage Guide

Software Update as a Mechanism for Resilience and Security

Fedora 9 and Red Hat Enterprise Linux Bible

Mastering Mac OS X

IBM eServer Certification Study Guide eServer p5 and pSeries Enterprise Technical Support AIX V5.3

Your Canon EOS Rebel XS/1000D is small, lightweight, and packed with power and versatility. This handy, portable guide helps you take full advantage of Live View shooting, in-camera Canon EX SpeedLite control, intuitive, large-text menus, and all the controls. It offers innovative ideas and fresh thoughts to help you capture images that reflect your personal creative vision, plus advice on setting up your camera for your shooting style; using Canon's Picture Styles to manage color, contrast, and sharpness; and capturing outstanding action, wildlife, portrait, travel, nighttime, and macro shots.

This step-by-step, highly visual text provides you with a comprehensive introduction to managing and maintaining computer hardware. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO HARDWARE, Sixth Edition closely integrates the CompTIA A+ Exam objectives to prepare you for the hardware portion of the certification exams. The new Sixth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. Supported by a wide range of supplemental resources to enhance learning—including innovative tools, interactive exercises and activities, and online study guides—this proven text offers an ideal way to prepare you for success as a professional PC repair technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Anyone with programming experience can learn how to write an iPhone app. But if you want to build a great app, there's a lot more to it than simple coding; you also need to know how design and market your creation. This easy-to-follow guide walks you through the entire process, from sketching out your idea to promoting the finished product. Get to know the tools for developing your iPhone app Design a great app before you start coding Build a complex app with Xcode and Interface Builder Decide how to brand your app-then beta-test that brand in the real world Learn the inside scoop on how to get your app into the App Store Promote your product, track sales, and build a strong customer following

The IBM® TS4500 (TS4500) tape library is a next-generation tape solution that offers higher storage density and better integrated management than previous solutions. This IBM Redbooks® publication gives you a close-up view of the new IBM TS4500 tape library. In the TS4500, IBM delivers the density that today's and tomorrow's data growth requires. It has the cost-effectiveness and the manageability to grow with business data needs, while you preserve investments in IBM tape library products. Now, you can achieve a low per-terabyte cost and high density, with up to 13 PB of data (up to 39 PB compressed) in a single 10 square-foot library by using LTO Ultrium 9 cartridges or 11 PB with 3592 cartridges. The TS4500 offers the following benefits: Support of the IBM Linear Tape-Open (LTO) Ultrium 9 tape drive: Store up to 1.04 EB 2.5:1 compressed per library with IBM LTO 9 cartridges. High availability: Dual active accessors with integrated service bays reduce inactive service space by 40%. The Elastic Capacity option can be used to eliminate inactive service space. Flexibility to grow: The TS4500 library can grow from the right side and the left side of the frame. The TS4500 can grow from a single L frame up to another 17 expansion frames with a capacity of over 23,000 cartridges. High-density (HD) generation 1 frames from the TS3500 library can be redeployed in a TS4500. Capacity on demand (CoD): CoD is supported through entry-level, intermediate- and base-capacity configurations. Advanced Library Management System (ALMS): ALMS supports dynamic storage management, which enables users to create and change logical libraries and configure any drive for its optimal library. Support for IBM TS1160 while also supporting TS1155, TS1150, and TS1140 tape drive. The TS1160 gives organizations an easy way to deliver fast access to data, improve security, and provide long-term retention, all at a lower cost than disk solutions. The TS1160 offers high-performance, flexible data storage with support for data encryption. Also, this enhanced fifth-generation drive can help protect investments in tape automation by offering compatibility with existing automation. Store up to 1.05 EB 3:1 compressed per library with IBM 3592 cartridges

Integrated TS7700 back-end Fibre Channel (FC) switches are available. Up to four library-managed encryption (LME) key paths per logical library are available. This book describes the TS4500 components, feature codes, specifications, supported tape drives, encryption, new integrated management console (IMC), command-line interface (CLI), and REST over SCSI (RoS) to obtain status information about library components. You learn how to accomplish the following tasks: Improve storage density with increased expansion frame capacity up to 2.4 times, and support 33% more tape drives per frame

Mac OS X Support Essentials

IBM System p5 Approaches to 24x7 Availability Including AIX V5.3

Beginning Robotics Programming in Java with LEGO Mindstorms

Upgrading and Repairing PCs

VoIP Hacks

Software update is an important mechanism by which security changes and improvements are made in software, and this seemingly simple concept encompasses a wide variety of practices, mechanisms, policies, and technologies. To explore the landscape further, the Forum on Cyber Resilience hosted a workshop featuring invited speakers from government, the private sector, and academia. This publication summarizes the presentations and discussions from the workshop.

Covers how to program LEGO Mindstorms using the Java Communications Extension API; the RCXPort Java API; the RCXJava API; the leJOS system, programming, tools, and internals; and Jini.

Make the most out of the world's first truly compact computer. It's the size of a credit card, it can be charged like a smartphone, it runs on open-source Linux, and it holds the promise of bringing programming and playing to millions at low cost. And now you can learn how to use this amazing computer from its co-creator, Eben Upton, in Raspberry Pi User Guide. Cowritten with Gareth Halfacree, this guide gets you up and running on Raspberry Pi, whether you're an educator, hacker, hobbyist, or kid. Learn how to connect your Pi to other hardware, install software, write basic programs, and set it up to run robots, multimedia centers, and more. Gets you up and running on Raspberry Pi, a high-tech computer the size of a credit card Helps educators teach students how to program Covers connecting Raspberry Pi to other hardware, such as monitors and keyboards, and how to install software, and how to configure Raspberry Pi Shows you how to set up Raspberry Pi as a simple productivity computer, write basic programs in Python, connect to servos and sensors, and drive a robot or multimedia center Adults, kids, and devoted hardware hackers, now that you've got a Raspberry Pi, get the very most out of it with Raspberry Pi User Guide.

This full-color book is designed to tap the exploding market in serious digital photography with over 250 pages of new and beautiful photos, essential photography how-to information and no-fail formulas for getting great digital pictures with the newly announced Canon EOS Digital Rebel XTi/400D. It goes above and beyond competitive digital SLR books with step-by-step techniques that cover exposure, composition, and professional shooting tips on perspective, impact, and more. Charlotte K. Lowrie, author of two previous Digital Field Guides (see below), is an acclaimed photographer who was managing editor of editorial content for MSN Photos and now writes online instructional content for Canon. Charlotte K. Lowrie (Woodinville, WA) is a freelance editorial and stock photographer and an award-winning writer. Her work has appeared in Popular Photography & Imaging and PHOTOgraphic magazines, and she is the author of the bestselling Canon EOS Digital Rebel Digital Field Guide as well as Adobe Camera Raw Studio Skills, the Canon EOS 30D Digital Field Guide, and Teach Yourself Visually Digital Photography, Second Edition, all from Wiley. Charlotte also teaches photography classes through BetterPhoto.com.

Raspberry Pi for Python Programmers Cookbook

Patents

Lifecycle IoT Security for Engineers

OS X Support Essentials 10.9: Supporting and Troubleshooting OS X Mavericks

Programming Lego Mindstorms with Java

Develop applications on one of the most popular platforms for IoT using Particle Photon and Electron with this fast-paced guide About This Book Get an introduction to IoT architecture, command-line build tools and applications of IoT devices and sensors Design and develop connected IoT applications using Particle Photon and Electron in a step-by-step manner, gaining an entry point to the fast-growing troubleshooting IoT applications Who This Book Is For This book is for developers, IoT enthusiasts and hobbyists who want to enhance their knowledge of IoT machine-to-machine architecture using Particle Photon and Electron, and implement cloud-based IoT projects. What You Will Learn Setup the Particle Photon and Electron on the cloud using the command-line tools Build and deploy applications on the Photon and Electron using the Web-based IDE Setup a local cloud server to interact with Particle Photon and Electron Connect various components and sensors to Particle Photon and Electron Tinker with the existing firmware and deploy a custom firmware on the Photon and Electron Setup communication between two or more Particle Photon and Electron Debug and troubleshoot Particle Photon and Electron projects Use webhooks to communicate with various third-party server applications In Detail IoT is basically the network of physical devices, vehicles, buildings and other items—embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data. The number of connected devices is growing rapidly and will continue to do so over years to come. By 2020, there will be more than 20 billion connected devices and the ability to program such devices will be in high demand. Particle provides prototyping boards for IoT that are easy to program and deploy. Most importantly, the boards provided by Particle can be connected to the Internet very easily as they include Wi-Fi or a GSM module. Starting with the basics of programming Particle Photon and Electron, this book will take you through setting up your local servers and running custom firmware, to using the Photon and Electron to program autonomous cars. This book also covers in brief a basic architecture and design of IoT applications. It gives you an overview of the IoT stack. You will also get information on how to debug and troubleshoot Particle Photon and Electron and set up your own debugging framework for any IoT board. Finally, you'll tinker with the firmware of the Photon and Electron by modifying the existing firmware and deploying them to your boards. By the end of this book, you should have a fairly good understanding of the IoT ecosystem and you should be able to build standalone projects using your own local server or the Particle Cloud Server. Style and approach This project-based guide contains easy-to-follow steps to program Particle Photon and Electron. You will learn to build connected applications with the help of projects of increasing complexity, and with each project, a new concept in IoT is taught.

The essential preview guide to getting started with Raspberry Pi® computing and programming Originally conceived of as a fun, easy way for kids (and curious adults) to learn computer programming, the Raspberry Pi quickly evolved into a remarkably robust, credit-card-size computer that can be used for everything from playing HD videos and hacking around with hardware to learning to program! Co-authored by one of the creators of the Raspberry Pi, this special preview eBook fills you in on everything you need to know to get up and running on your Raspberry Pi in no time, including how to: • Connect to a keyboard, mouse, monitor and other peripherals • Install software • Master basic Linux system administration • Configure your Raspberry Pi • Debug and troubleshoot common problems • Use the GPIO port to flash an LED or read a button Meet the Raspberry Pi provides a sneak peek preview of how to make the most out of the world's first truly compact computer.

This IBM Redbooks publication focuses on the technology, serviceability, and features that are used by the IBM eServer p5 and IBM System p5 servers, which allow you to make your server one of the most reliable and available parts of your IT infrastructure. This book explains how the server availability can be improved by: • Proper planning of the server environment and configuration • Understanding the role of the service processors and firmware components, and how they can be best configured and managed • Using high availability and redundancy features provided by the AIX V5.3 operating system and the Virtual IO server This book contains many detailed examples and step-by-step scenarios of usual server operation and maintenance tasks, such as the setup of redundant HMC and service processors, firmware upgrades, hot-addition of RIO drawers, or configuration of redundant Virtual IO servers. This book is intended for architects, specialists, and system administrators who are responsible for planning or developing an availability strategy for IBM System p servers.

Voice over Internet Protocol (VoIP) is gaining a lot of attention these days, as more companies and individuals switch from standard telephone service to phone service via the Internet. The reason is simple: A single network to carry voice and data is easier to scale, maintain, and administer. As an added bonus, it's also cheaper, because VoIP is free of the endless government regulations and tariffs imposed upon phone companies. VoIP is simply overflowing with hack potential, and VoIP Hacks is the practical guide to O'Reilly that presents these possibilities to you. It provides dozens of hands-on projects for building a VoIP network, showing you how to tweak and customize a multitude of exciting things to get the job done. Along the way, you'll also learn which standards and practices work best for your particular environment. Among the quick and clever solutions showcased in the book are those for: gauging VoIP readiness on an enterprise network using SIP, H.223, and other signaling specifications providing low-layer security in a VoIP environment employing IP hardphones, analog telephone adapters, and softPBX servers dealing with and avoiding the most common VoIP deployment mistakes In reality, VoIP Hacks contains only a small subset of VoIP knowledge-enough to serve as an introduction to the world of VoIP and teach you how to use it to save money, be more productive, or just impress your friends. If you love to tinker and optimize, this is the one technology, and the one book, you must investigate.

LEGO MINDSTORMS NXT Thinking Robots

Digital Photography For Dummies

Apple Pro Training Series

Mac OS X Help Line, Tiger Edition

Official Gazette of the United States Patent and Trademark Office

Master the latest version of Fedora and Red Hat Enterprise Linux with the step-by-step instructions and hands-on advice in Fedora 9 and Red Hat Enterprise Linux Bible. Learn key system administration skills like setting users and automating system tasks, understand the latest security issues and threats, and gain confidence with using and customizing the desktop menus, icons, and window manager. Updated every six months to correspond with the latest Fedora release, this book includes an official Fedora 9 LiveCD so that you can practice your knowledge and improve your skills. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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

Wireless home networks are better than ever! The emergence of new industry standards has made them easier, more convenient, less expensive to own and operate. Still, you need to know what to look for (and look out for), and the expert guidance you'll find in Wireless Home Networks For Dummies, 3rd Edition helps you ensure that your wire-free life is also a hassle-free life! This user-friendly, plain-English guide delivers all of the tips, tricks, and knowledge you need to plan your wireless home network, evaluate and select the equipment that will work best for you, install and configure your wireless network, and much more. You'll find out how to share your Internet connection over your network, as well as files, printers, and other peripherals. And, you'll learn how to avoid the "gotchas" that can creep in when you least expect them. Discover how to Choose the right networking equipment Install and configure your wireless network Integrate Bluetooth into your network Work with servers, gateways, routers, and switches Connect audiovisual equipment to your wireless network Play wireless, multiplayer computer games Establish and maintain your network's security Troubleshoot networking problems Improve network performance Understand 802.11n Whether you're working with Windows PCs, Mac OS X machines, or both Wireless Home Networking For Dummies, 3rd Edition, makes it fast and easy to get your wireless network up and running—and keep it that way!

The only Apple-certified book on Mac OS X v10.6. This revised best-seller will take you deep inside the latest big-cat operating system—covering everything from installation to automation, customizing the operating system, supporting applications, setting up peripherals, and more. Whether you're a support technician or simply an ardent Mac user, you'll quickly learn and master the new features in Mac OS X v10.6, including native support for Microsoft Exchange Server 2007. Following the learning objectives of the Apple Certified Support Professional exam, this self-paced book is a perfect guide for Apple's training and a first-rate primer for computer support personnel who need to troubleshoot and optimize Mac OS X as part of their jobs. Chapter review sections and quizzes summarize and reinforce acquired knowledge. The Apple Training Series serves as both a self-paced learning tool and the official curriculum for the Mac OS X and Mac OS X Server certification programs.

Meet the Raspberry Pi

IBM TS4500 RB Tape Library Guide

Raspberry Pi Hardware Reference

Learning IoT with Particle Photon and Electron

Home Networking Annoyances

This IBM® Redbooks® publication consolidates, in one document, detailed descriptions of the hardware configurations and options offered as part of the IBM Midrange System Storage™ servers, which include the IBM System Storage DS4000® and DS5000 families of products. This edition covers updates and additional functions available with the IBM System Storage DS4000 Storage Manager, Version 10.60 (firmware level 7.60). This book presents the concepts and functions used in planning and managing the storage servers, such as multipathing and path failover. The book offers a step-by-step guide to using the Storage Manager to create arrays, logical drives, and other basic (as well as advanced) management and virtualization (partition) management. Further information about virtualization management is in the following publications: IBM PowerVM Virtualization Managing and Monitoring, SG24-7590 IBM PowerVM Virtualization Introduction and Configuration, SG24-7940 IBM PowerVM Enhancements What Is New in 2013, SG24-8198 IBM Power Systems SR-IOV, Technical Overview and Introduction, RDP-5065 The following features of HMC V8.8.1.0 through HMC V8.8.4.0 are described in this book: HMC V8.8.1.0 enhancements HMC V8.8.4.0 enhancements System and Partition Templates HMC and IBM PowerVM® Simplification Enhancement Manage Partition Enhancement Performance and Capacity Monitoring HMC V8.8.4.0 upgrade changes

Wireless home networks are better than ever! The emergence of new industry standards has made them easier, more convenient, less expensive to own and operate. Still, you need to know what to look for (and look out for), and the expert guidance you'll find in Wireless Home Networks For Dummies, 3rd Edition helps you ensure that your wire-free life is also a hassle-free life! This user-friendly, plain-English guide delivers all of the tips, tricks, and knowledge you need to plan your wireless home network, evaluate and select the equipment that will work best for you, install and configure your wireless network, and much more. You'll find out how to share your Internet connection over your network, as well as files, printers, and other peripherals. And, you'll learn how to avoid the "gotchas" that can creep in when you least expect them. Discover how to Choose the right networking equipment Install and configure your wireless network Integrate Bluetooth into your network Work with servers, gateways, routers, and switches Connect audiovisual equipment to your wireless network Play wireless, multiplayer computer games Establish and maintain your network's security Troubleshoot networking problems Improve network performance Understand 802.11n Whether you're working with Windows PCs, Mac OS X machines, or both Wireless Home Networking For Dummies, 3rd Edition, makes it fast and easy to get your wireless network up and running—and keep it that way!

The only Apple-certified book on Mac OS X v10.6. This revised best-seller will take you deep inside the latest big-cat operating system—covering everything from installation to automation, customizing the operating system, supporting applications, setting up peripherals, and more. Whether you're a support technician or simply an ardent Mac user, you'll quickly learn and master the new features in Mac OS X v10.6, including native support for Microsoft Exchange Server 2007. Following the learning objectives of the Apple Certified Support Professional exam, this self-paced book is a perfect guide for Apple's training and a first-rate primer for computer support personnel who need to troubleshoot and optimize Mac OS X as part of their jobs. Chapter review sections and quizzes summarize and reinforce acquired knowledge. The Apple Training Series serves as both a self-paced learning tool and the official curriculum for the Mac OS X and Mac OS X Server certification programs.

Meet the Raspberry Pi

IBM TS4500 RB Tape Library Guide

Raspberry Pi Hardware Reference

Learning IoT with Particle Photon and Electron

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home networking standards, from blazing fast 802.11ac Wi-Fi to HomeGrid and G.hn powerline networking. Ever larger storage, thanks to new technologies like helium-filled hard disks, shingled magnetic recording, and Cfast and XQD for flash memory. Emerging interfaces such as mSATA, USB 3.1, and M.2 Updated coverage of building PCs from scratch—from choosing and assembling hardware through BIOS setup and troubleshooting

IBM i 6.1 Technical Overview

IBM System Blue Gene Solution: Blue Gene/Q Hardware Installation and Maintenance Guide

How to Fix the Most Annoying Things About Your Home Network