

Mobile Survey Ekahau

Advanced Location-Based Technologies and Services
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 Human-Computer Interaction with Mobile Devices and Services
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 CCNP Wireless (642-732 CUWSS) Quick Reference
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 CCNP Enterprise Wireless Design ENWLSD 300-425 and Implementation ENWLSI 300-430 Official Cert Guide
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 CWDP Certified Wireless Design Professional Official Study Guide
 Wireless Mesh Networks
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 Location- and Context-Awareness
 CWAP Certified Wireless Analysis Professional Official Study Guide (Exam PW0-205)
 The ... IEEE International Symposium on Personal, Indoor, and Mobile Radio Communications
 Pervasive Computing
 Wired/Wireless Internet Communications
 Towards Modern Collaborative Knowledge Sharing Systems
 Managing IT in Construction/Managing Construction for Tomorrow
 Map-based Mobile Services
 TELECOMMUNICATION SYSTEMS AND TECHNOLOGIES-Volume I
 Recent Developments in Computational Collective Intelligence
 Resource-Adaptive Cognitive Processes
 CWNA Certified Wireless Network Administrator Official Deluxe Study Guide
 Local Positioning Systems
 Ubiquitous Intelligence and Computing
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 Modeling and Using Context
 Information Design
 Peer-to-Peer Computing for Mobile Networks
 Ad-hoc, Mobile and Wireless Networks
 Opportunistic Seamless Localization
 Wireless and Mobile Device Security
 Data-Centric Business and Applications
 Emerging Wireless Multimedia

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Advanced Location-Based Technologies and Services Cisco Press

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Master the material and pass the test Get the inside track on a brand new certification--Certified Wireless Analysis Professional--for wireless networking, a burgeoning technology offering great opportunities for those who know how to install, configure, and utilize it. Written by Planet3 Wireless, the company that created the CWAP certification, this official guide provides more than twice as many practice questions as are on the actual exam.

Mobile Computing Deployment and Management CRC Press

Complete CWNA-106 prep, with full coverage and hands-on practice CWNA Certified Wireless Network Administrator Deluxe Study Guide is your official study guide for the leading wireless

certification program. Updated for the new CWNA-106 exam, this book provides coverage of all exam objectives, plus review questions and hands-on exercises that help you build your skills and your confidence before exam day. Start with a pre-assessment test to find out how much you already know, then fill in the gaps with detailed coverage of radio frequency technology, regulations and standards, protocols and devices, network implementation and security, RF site surveying, and much more. Sybex's interactive online learning environment and test bank gives you access to hundreds of questions and robust study tools, including chapter tests, practice exams, flashcards, a glossary of key terms, and bonus chapter material — all to help you prepare for and increase your chances of passing the exam the first time around. Find your starting point with a pre-assessment test Get up to speed on all CWNA-106 exam objectives Sharpen your practical skills with hands-on exercises Test your knowledge with practice exam questions Savvy candidates know that strategic prep is essential to first-time success, and CWNA Certified Wireless Network Administrator Deluxe Study Guide is your toolbox for building the next step in your wireless career.

Human-Computer Interaction with Mobile Devices and Services Ubiquity Press

Since the publication of the first edition in 2004, advances in mobile devices, positioning sensors, WiFi fingerprinting, and wireless communications, among others, have paved the way for developing new and advanced location-based services (LBSs). This second edition provides up-to-date information on LBSs, including WiFi fingerprinting, mobile computing, geospatial clouds, geospatial data mining, location privacy, and location-based social networking. It also includes new chapters on application areas such as LBSs for public health, indoor navigation, and advertising. In addition, the chapter on remote sensing has been revised to address advancements.

Convergence and Hybrid Information Technology Springer

Mobile computing skills are becoming standard in the IT industry Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond is the ultimate reference for mobile computing. Certified Wireless Network Expert Robert J. Bartz guides IT and networking professionals through the fundamental and advanced concepts of mobile computing, providing the information and instruction necessary to get up to speed on current technology and

best practices. The book maps to the CompTIA Mobility+ (MB0-001) exam, making it an ideal resource for those seeking this rewarding certification. The mobile device has already overshadowed the PC as a primary means for Internet access for a large portion of the world's population, and by 2020, there will be an estimated 10 billion mobile devices worldwide. Mobile connectivity has become the new standard for business professionals, and when combined with cloud computing, it creates a world where instant access is the norm. To remain relevant, IT professionals must hone their mobile skills. The ability to manage, develop, and secure a mobile infrastructure is quickly becoming a key component to entering the IT industry, and professionals lacking those skills will be left behind. This book covers all aspects of mobile computing, including: Radio frequency, antenna, and cellular technology Physical and logical infrastructure technologies Common mobile device policies and application management Standards and certifications, and more Each chapter includes hands-on exercises, real-world examples, and in-depth guidance from the perspective of a mobile computing expert. IT professionals looking to expand their capabilities need look no further than Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond for the most comprehensive approach to mobile computing on the market today.

Mobile Social Networking McGraw Hill Professional

Information Design provides citizens, business and government with a means of presenting and interacting with complex information. It embraces applications from wayfinding and map reading to forms design; from website and screen layout to instruction. Done well it can communicate across languages and cultures, convey complicated instructions, even change behaviours. Information Design offers an authoritative guide to this important multidisciplinary subject. The book weaves design theory and methods with case studies of professional practice from leading information designers across the world. The heavily illustrated text is rigorous yet readable and offers a single, must-have, reference to anyone interested in information design or any of its related disciplines such as interaction design and information architecture, information graphics, document design, universal design, service design, map-making and wayfinding.

Mobile Phone Panel Surveys in Developing Countries World Bank Publications

The development of new technologies still accelerates. As a result the requirement of easy access to high quality information is essential in modern scientific society. We believe that new cloud-based online system will replace the old system of books and magazines in the future. This is mainly because contemporary system of journal and conference publications appears to be outdated, especially in such domains as computer science, because process of publishing of an article takes too much time. In this book a new approach of sharing knowledge is proposed. The main idea behind this new approach is to take advantage of collaboration techniques used in industry to share the knowledge and build teams which work on the same subject at different locations. This will allow to accelerate the exchange of information between scientists and allow to build global teams of researchers who deal with the same scientific subjects. Furthermore, an easy access to structured knowledge will facilitate cross domain cooperation. This book describes the concept of a cross-domain platform which can be used for scientific cooperation. It also familiarizes readers with new concepts and technologies which are used in the platform and introduces the first projects which are developed using this technology. It is expected to be of special interest to researchers and professionals in computer science and mechanics.

Mobile Research Methods Springer

Services are key activities in the globalization of the economy and also underlie the quality of life of local residents. The advanced work presented in this book was selected from the proceedings of the First International Conference on Serviceology (ICServ2013), held October 16–18, 2013 in Tokyo. This book provides a useful overall guide to the state of the art in theory and practice of services for researchers in various fields, including engineering, marketing, economics, and others. This work also facilitates the scientific systematization of services and promotes technological developments for solutions of industrial issues.

CCNP Wireless (642-732 CUWSS) Quick Reference John Wiley & Sons

This book presents research results on data dissemination in mobile networks and peer-to-peer systems for mobile devices. The main focus is a novel resource-sharing mechanism for mobile devices that introduces a new paradigm of information-sharing cooperation among mobile devices not necessarily connected to the internet. The book is geared to the needs of researchers and practitioners in industry, and is also suitable for advanced-level students in computer science and electrical engineering.

Green Information Technology Springer

This book constitutes the proceedings of the 16th IFIP International Conference on Wired/Wireless Internet Communications, WWIC 2018, held in Boston, MA, USA, in June 2018. The 26 regular papers presented in this volume were carefully reviewed and selected from 42 submissions. They were organized in topical sections named: IoT and sensor networks; learning-based networking; network deployment; network security; aerial networks; and vehicular and content delivery networks.

CWTS, CWS, and CWT Complete Study Guide Springer Science & Business Media

The book consists of 19 extended and revised chapters based on original works presented during a poster session organized within the 5th International Conference on Computational Collective Intelligence that was held between 11 and 13 of September 2013 in Craiova, Romania. The book is divided into three parts. The first part is titled "Agents and Multi-Agent Systems" and consists of 8 chapters that concentrate on many problems related to agent and multi-agent systems, including: formal models, agent autonomy, emergent properties, agent programming, agent-based simulation and planning. The second part of the book is titled "Intelligent Computational Methods" and consists of 6 chapters. The authors present applications of various intelligent computational methods like neural networks, mathematical optimization and multistage decision processes in areas like cooperation, character recognition, wireless networks, transport, and metal structures. The third part of the book is titled "Language and Knowledge Processing Systems", and consists of 5 papers devoted to processing methods for knowledge and language information in various applications, including: language identification, corpus comparison, opinion classification, group decision making, and rule bases.

Serviceology for Services Springer

The provision of IP-based multimedia services is one of the most exiting and challenging aspects of next generation wireless networks. A significant evolution has been underway for enabling such multimedia services and for ultimately migrating the Internet to the wireless world. This book examines this evolution, looking at an array of the most up-to-date wireless multimedia technologies and services. The first part focuses on enabling technologies for wireless multimedia, while the second is dedicated to the new wireless multimedia services that are expected to play a key role in the future wireless environment. In addition, the related recent standardization, research and industry activities are addressed. * Covers a complete range of multimedia hot topics, ranging from audio/video coding techniques to multimedia protocols and applications * Discusses QoS issues in WLANs, 3G and hybrid 3G/WLAN networks * Provides in-depth discussion of the most modern multimedia services, such as Push-to-Talk, Instant Messaging, Presence, mobile payments, MMS, WAP, and location-based multimedia services * Addresses the emerging Multimedia Broadcast/Multicast Service (MBMS) and the key aspects of IP Multimedia Subsystem (IMS) in 3G networks * Numerous on-line references will assist readers in their quest for the most up-to-date information This comprehensive resource will have instant appeal to students in electrical and computer engineering or IT disciplines. It is also essential reading for engineering managers, engineers in wireless systems and multimedia, and wireless multimedia researchers.

Pervasive Computing Springer

Welcome to the proceedings of the 8 International Conference on Pervasive Computing (Pervasive 2010). After Toronto, Sydney and Nara, the conference has now returned to Europe. Pervasive is one of the most important conferences in the area of pervasive and ubiquitous computing. As in the previous year, we had two categories of technical papers: Full Papers and Notes. Pervasive attracted 157 valid submissions, from which the Technical Program Committee (TPC) accepted 24 full papers and one note, resulting in an overall acceptance rate of 16%. The submissions included 628 authors from 27 countries representing all the continents (except Antarctica). As we can see from these figures, Pervasive is a truly global highly competitive conference. A major conference such as Pervasive requires a rigorous and objective process for selecting papers. This starts with the selection of a high-quality TPC. We were fortunate to be able to draw on the wisdom and experience of our 28 TPC members, from the most prestigious universities and research labs in Europe, North America, and Asia. This committee was aided by the input of no less than 238 external reviewers chosen on the basis of their domain knowledge and relevance to pervasive computing. The papers were selected using a double-blind review, with four peer reviews per paper, a discussion phase among the reviewers, and a discussion of the papers in the TPC meeting, which was held in Palo Alto during December 12-13, 2009. We thank Nokia Research Center for hosting the meeting.

CCNP Enterprise Wireless Design ENWLS300-425 and Implementation ENWLS300-430 Official Cert Guide Springer Science & Business Media

Context-awareness is one of the drivers of the ubiquitous computing paradigm. Well-designed context modeling and context retrieval approaches are key prerequisites in any context-aware system. Location is one of the primary aspects of all major context models — together with time, identity and activity. From the technical side, sensing, fusing and distributing location and other context information is as important as providing context-awareness to applications and services in pervasive systems. The materials summarized in this volume were selected for the 1st International Workshop on Location- and Context-Awareness (LoCA 2005) held in cooperation with the 3rd International Conference on Pervasive Computing 2005. The workshop was organized by the Institute of Communications and Navigation of the German Aerospace Center (DLR) in Oberpfaffenhofen, and the Mobile and Distributed Systems Group of the University of Munich. During the workshop, novel positioning algorithms and location sensing techniques were discussed, comprising not only enhancements of singular systems, like positioning in GSM or WLAN, but also hybrid technologies, such as the integration of global satellite systems with inertial positioning. Furthermore, improvements in sensor technology, as well as the integration and fusion of sensors, were addressed both on a theoretical and on an implementation level. Personal and confidential data, such as location data of users, have profound implications for personal information privacy. Thus privacy protection, privacy-oriented location-aware systems, and how privacy affects the feasibility and usefulness of systems were also addressed in the workshop.

Wireless Indoor Localization Springer Science & Business Media

The must-have guide to the CWTS exam, updated for 2017 CWTS Certified Wireless Technology Specialist Study Guide is your number-one resource for comprehensive exam preparation. Updated to study in 2017 and beyond, this book takes a multi-modal approach to ensure your confidence and ability for the big day: full coverage of all CWTS exam objectives reinforces your conceptual knowledge, hands-on exercises help hone your practical skills, and the Sybex online learning environment provides flashcards, a glossary, and review questions to help you test your understanding along the way. An objective map and pre-assessment test allow for more efficient preparation by showing you what you already know and what you need to review—and the companion website's complete practice exams give you a "dry run" so you can pinpoint weak areas while there's still time to improve. If you're serious about earning your CWTS certification, this book is your ideal companion for complete and thorough preparation. Learn critical concepts and apply essential skills in areas like hardware and software, radio frequency fundamentals, surveying and installation, support, troubleshooting, security, and more. This guide gives you everything you need to approach the exam with confidence. Master 100 percent of the CWTS exam objectives Use effective planning tools to get the most out of your study time Practice your skills with hands-on exercises and real-world scenarios Access online study aids that let you review any time, any place The CWTS certification gets your foot in the door of a growing industry, and is a stepping stone to the industry standard CWNP certification. The exam will test your abilities in all fundamental areas of Wi-Fi technology, so it's important that your study plan be complete and up-to-date. CWTS Certified Wireless Technology Specialist Study Guide is your ideal solution for comprehensive preparation.

CWDP Certified Wireless Design Professional Official Study Guide John Wiley & Sons

The use of contextually aware, pervasive, distributed computing, and sensor networks to bridge the gap between the physical and online worlds is the basis of mobile social networking. This book shows how applications can be built to provide mobile social networking, the research issues that need to be solved to enable this vision, and how mobile social networking can be used to provide computational intelligence that will improve daily life. With contributions from the fields of sociology, computer science, human-computer interaction and design, this book demonstrates how mobile social networks can be inferred from users' physical interactions both with the environment and with others, as well as how users behave around them and how their behavior differs on mobile vs. traditional online social networks.

Wireless Mesh Networks Jones & Bartlett Learning

Construction researchers and industry practitioners have begun to explore the possibilities offered by mobile and pervasive computing in architecture, engineering and construction (AEC). It is expected that the construction industry will be keen to apply these technologies as they promise significant benefits in areas such as materials management, project management, distributed collaboration and information management, all leading to improvements in productivity. This book

offers a comprehensive reference volume to the use of mobile and pervasive computing in construction. Based on contributions from a mix of leading researchers and experts from academia and industry, it provides up-to-date insights into current research topics in this field as well as the latest technological advancements and practical examples. The chapters introduce the key theoretical concepts in mobile and pervasive computing and highlight the applications and solutions which are available to the construction industry. More specifically, the book focuses on the manner in which these technologies can be applied to improve practices in construction and related industries. This book will be of particular interest to academics, researchers, and graduate students at universities and industrial practitioners seeking to apply mobile and pervasive computing systems to improve construction industry productivity.

CWNA Certified Wireless Network Administrator Study Guide Springer

This book constitutes the refereed proceedings of the 5th International Symposium on Mobile Human-Computer Interaction, Mobile HCI 2003, held in Udine, Italy in September 2003. The 21 revised full papers and 29 revised short papers presented together with a keynote paper and an abstract of a keynote speech were carefully reviewed and selected from 122 submissions. The papers are organized in topical sections on mobile users in natural context, input techniques for mobile devices, location-aware guides and planners, bringing mobile services to groups in workplaces, mobile gambling, tools and frameworks for mobile interface design and generation, and usability and HCI research methods.

Location- and Context-Awareness CRC Press

Local Positioning Systems: LBS Applications and Services explores the possible approaches and technologies to location problems including people and asset tracking, mobile resource management, public safety, and handset location-based services. The book examines several indoor positioning systems, providing detailed case studies of existing applications and their requirements, and shows how to set them up. Other chapters are dedicated to position computation algorithms using different signal metrics and determination methods, 2D/3D indoor map data and location models, indoor navigation, system components and how they work, privacy, deployment issues, and standards. In detail, the book explains the steps for deploying a location-enabled network, including doing a site-survey, creating a positioning model and floor maps, and access point placement and configuration. Also presented is a classification for network-based and ad-hoc positioning systems, and a framework for developing indoor LBS services. This comprehensive guide will be invaluable to students and lecturers in the area of wireless computing. It will also be an enabling resource to developers and researchers seeking to expand their knowledge in this field.

CWAP Certified Wireless Analysis Professional Official Study Guide (Exam PW0-205) Springer

This book constitutes the refereed proceedings of the 6th International Conference on Convergence and Hybrid Information Technology, ICHIT 2012, held in Daejeon, Korea, in August

2012. The 94 revised full papers presented were carefully reviewed and selected from 196 submissions. The papers are organized in topical sections on communications and networking; HCI and virtual reality; image processing and pattern recognition; hardware design and applications; computational biology and medical information; data mining and information retrieval; security and safety system; software engineering; workshop on advanced smart convergence (IWASC).
The ... IEEE International Symposium on Personal, Indoor, and Mobile Radio Communications CRC Press

This book provides an in-depth look into recent advances in relation to novel design strategies and algorithms to improve performance and functionality of WMNs. Ten contributed chapters written by a group of well-known experts in wireless mesh networking are arranged in two parts. The first part of the book focuses on link scheduling schemes to select a subset of links for simultaneous transitions under interference constraints in an efficient and fair manner to guarantee a certain level of network connectivity. Besides, it describes channel assignment strategies to improve the network throughput in multi-radio multi-channel WMNs by means of an efficient channel utilization and minimization of the interference. The second part of the book addresses some important network planning issues related to efficient routing protocols in dynamic large-scale mesh environment, achievable capacity limit of a single wireless link between two multi-interface mesh nodes, the correctness of the mesh security architecture, fault-tolerant mesh network topology planning.