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Campus Network Architectures and Technologies SRv6 Network Programming Cloud Data Center Network Architectures and Technologies Global Usability 5G System Design China Monthly Newsletter September 2010 Fiber Optics Weekly Update December 24, 2010 Open Radio Access Network (O-RAN) Systems Architecture and Design IPv6 Network Slicing Autonomous Driving Network Cellular Communications Computerworld Proceedings of the 2022 International Conference on Diversified Education and Social Development (DESD 2022) Gigabit/ATM Monthly Newsletter September 2010 The ASEAN Digital Economy China Telecom Monthly Newsletter December 2009 China's Drive for the Technology Frontier Enterprise Wireless Local Area Network Architectures and Technologies Advanced Manufacturing and Automation IX Design Innovation and Network Architecture for the Future Internet Innovation and Industrial Development in China Doing Business in Asia The Huawei Way: Lessons from an International Tech Giant on Driving Growth by Focusing on Never-Ending Innovation Asian versus Western Management Thinking The Global Race for Technological Superiority Ascend AI Processor Architecture and Programming China Telecom Monthly Newsletter June 2010 The Evolution of China's Anti-Poverty Strategies Green Business: Concepts, Methodologies, Tools, and Applications Distributed Computing and Internet Technology Software-Defined Wide Area Network Architectures and Technologies Data Spaces China Telecom Monthly Newsletter Business Intelligence and Mobile Technology Research Mobile Networks and Management Mobile Networks and Management Northern African Wireless Communications Proceedings of the 2023 4th International Conference on Education, Knowledge and Information Management (ICEKIM 2023) Metaverse – METAVERSE 2023 Advances of Science and Technology

Campus Network Architectures and Technologies

2021-04-26

campus network architectures and technologies begins by describing the service challenges facing campus networks and then details the intent driven campus network architectures and technologies of huawei cloud campus solution after reading this book you will have a comprehensive understanding of next generation campus network solutions technical implementations planning design and other know how leveraging huawei s years of technical expertise and practices in the campus network field this book systematically describes the use of technical solutions such as virtualization big data ai and sdn in campus networks you will be able to reconstruct campus networks quickly and efficiently utilizing this informative description additionally this book provides detailed suggestions for campus network design and deployment based on huawei s extensive project implementation experience assisting with the construction of automated and intelligent campus networks required to cope with challenges this is a practical informative and easy to understand guide for learning about and designing campus networks it is intended for network planning engineers network technical support engineers network administrators and enthusiasts of campus network technologies authors ningguo shen is chief architect for huawei s campus network solutions he has approximately 20 years experience in campus network product and solution design as well as a wealth of expertise in network planning and design mr shen previously served as a system engineer for the campus switch data center switch and wlan product lines and led the design of huawei s intent driven campus network solution bin yu is an architect for huawei s campus network solutions he has 12 years experience in campus network product and solution design as well as extensive expertise in network planning and design and network engineering project implementation mr yu once led the design of multiple features across various campus network solutions mingxiang huang is a documentation engineer for huawei s campus network solutions he has three years of technical service experience and four years of expertise in developing campus network product documentation mr huang was previously in charge of writing manuals for huawei router and switch products he has authored many popular technical series including be an ospf expert insight into routing policies and story behind default routes hailin xu is a documentation engineer for huawei s campus network solutions he has two years of marketing experience in smart campus solutions and six years of expertise in developing network products and solution documentation extremely familiar with huawei s campus network products and solutions mr xu was previously in charge of writing manuals for huawei routers switches and campus network solutions in addition he has participated in smart campus marketing projects within such sectors as education government and real estate

SRv6 Network Programming

2021-06-29

srv6 network programming beginning with the challenges for internet protocol version 6 ipv6 network development describes the background roadmap design and implementation of segment routing over ipv6 srv6 as well as the application of this technology in traditional and emerging services the book begins with the development of ip technologies by focusing on the problems encountered during mpls and ipv6 network development giving readers insights into the problems tackled by srv6 and the value of srv6 it then goes on to explain srv6 fundamentals including srv6 packet header design the packet forwarding process protocol extensions such as interior gateway protocol igp border gateway protocol bgp and path computation element protocol pcep extensions and how srv6 supports existing traffic engineering te virtual private networks vpn and reliability requirements next srv6 network deployment is introduced covering the evolution paths from existing networks to srv6 networks srv6 network deployment processes involved o m technologies and emerging 5g and cloud services supported by srv6 bit index explicit replication ipv6 encapsulation bierv6 an srv6 multicast technology is then introduced as an important supplement to srv6 unicast technology the book concludes with a summary of the current status of the srv6 industry and provides an outlook for new srv6 based technologies srv6 network programming ushering in a new era of ip networks collects the research results of huawei srv6 experts and reflects the latest development direction of srv6 with rich clear practical and easy to understand content the volume is intended for network planning engineers technical support engineers and network administrators who need a grasp of the most cutting edge ip network technology it is also intended for communications network researchers in scientific research institutions and universities authors zhenbin li is the chief protocol expert of huawei and member of the ietf iab responsible for ip protocol research and standards promotion at huawei zhibo hu is a senior huawei expert in sr and igp responsible for sr and igp planning and innovation cheng li is a huawei senior pre research engineer and ip standards representative responsible for huawei s srv6 research and standardization

Cloud Data Center Network Architectures and Technologies

2021-04-22

cloud data center network architectures and technologies has been written with the support of huawei s vast technical

websphere application server administration using jython 1st first edition by gibson robert a mcgrath arthur kevin bergman noel j published by ibm press 2009 (Download Only)

knowledge and experience in the data center network dcn field as well as its understanding of customer service requirements this book describes in detail the architecture design technical implementation planning and design and deployment suggestions for cloud dcns based on the service challenges dcns encounter it starts by describing the overall architecture and technical evolution of dcns with the aim of helping readers understand the development of dcns it then proceeds to explain the design and implementation of cloud dcns including the service model of a single data center dc construction of physical and logical networks of dcs construction of multiple dcns and security solutions of dcs next this book dives deep into practices of cloud dcn deployment based on real world cases to help readers better understand how to build cloud dcns finally this book introduces dcn openness and some of the hottest forward looking technologies in summary you can use this book as a reference to help you to build secure reliable efficient and open cloud dcns it is intended for technical professionals of enterprises research institutes information departments and dcs as well as teachers and students of computer network related majors in colleges and universities authors lei zhang mr zhang is the chief architect of huawei s dcn solution he has more than 20 years experience in network product and solution design as well as a wealth of expertise in product design and development network planning and design and network engineering project implementation he has led the design and deployment of more than 10 large scale dcns for fortune global 500 companies worldwide le chen mr chen is a huawei dcn solution documentation engineer with eight years experience in developing documents related to dcn products and solutions he has participated in the design and delivery of multiple large scale enterprise dcns mr chen has written many popular technical document series such as dcn handbook and bgp topic

Global Usability

2011-03-24

the concept of usability has become an increasingly important consideration in the design of all kinds of technology as more products are aimed at global markets and developed through internationally distributed teams usability design needs to be addressed in global terms interest in usability as a design issue and specialist area of research and education has developed steadily in north america and europe since the 1980 s however it is only over the last ten years that it has emerged as a global concern global usability provides an introduction to the important issues in globalizing design and an insight into the development of usability expertise around the world the book is divided into two sections the first section deals with the general issues in cross cultural design and the methods for conducting usability design and evaluation across geographical boundaries the second section describes the state of usability development in fifteen countries the descriptions include a history and review of activities and include some unique perspectives that have developed in relation to usability work researchers and practitioners from a variety of design related disciplines will find the book a useful guide for understanding the issues and an excellent reference source for working in any of the countries covered

5G System Design

2019-09-09

this book presents a detailed pedagogical description of the 5g commercial wireless communication system design from an end to end perspective it compares and contrasts nr with lte and gives a concise and highly accessible description of the key technologies in the 5g physical layer radio access network layer protocols and procedures this book also illustrates how the 5g core and epc is integrated into the radio access network how virtualization and edge computer fundamentally change the way users interact with the network as well as 5g spectrum issues this book is structured into six chapters the first chapter reviews the use cases requirements and standardization organization and activities for 5g these are 5g requirements and not nr specifically as technology that meets the requirements may be submitted to the itu as 5g technology this includes a set of radio access technologies rats consisting of nr and lte with each rat meeting different aspects of the requirements the second chapter describes the air interface of nr and lte side by side the basic aspects of lte that nr builds upon are first described followed by sections on the nr specific technologies such as carrier channel spectrum duplexing including sul lte nr co existence and new physical layer technologies including waveform polar ldpc codes mimo and urllc mmtc in all cases the enhancements made relative to lte are made apparent the third chapter contains descriptions of nr procedures iam beam management power control harq protocols cp up mobility including grant free and ran architecture the fourth chapter includes a detailed discussion related to end to end system architecture and the 5g core 5gc network slicing service continuity relation to epc network virtualization and edge computing the fifth and major chapter describes the itu submission and how nr and lte meet the 5g requirements in significant detail from the rapporteur responsible for leading the preparation and evaluation as well as some field trial results engineers computer scientists and professionals with a passing knowledge of 4g lte and a comprehensive understanding of the end to end 5g commercial wireless system will find this book to be a valuable asset advanced level students and researchers studying and working in communication engineering who want to gain an understanding of the 5g system as well as methodologies to evaluate features and technologies intended to supplement 5g will also find this book to be a valuable

websphere application server administration using jython 1st first edition by gibson robert a mcgrath arthur kevin bergman noel j published by ibm press 2009 (Download Only)

resource

China Monthly Newsletter September 2010

2022-03-01

open radio access network o ran systems architecture and design gives a jump start to engineers developing o ran hardware and software systems providing a top down approach to o ran systems design it gives an introduction into why wireless systems look the way they do today before introducing relevant o ran and 3gpp standards the remainder of the book discusses hardware and software aspects of o ran system design including dimensioning and performance targets presents o ran and 3gpp standards provides a top down approach to o ran systems design includes practical examples of relevant elements of detailed hardware and software design to provide tools for development gives a few practical examples of where o ran designs play in the market and how they map to hardware and software architectures

Fiber Optics Weekly Update December 24, 2010

2024-03-01

this book is an essential guide to ipv6 network slicing it covers both the fundamentals and cutting edge technologies of ipv6 network slicing and provides insights into future industry developments ip network slicing is an architectural innovation that provides multiple dedicated logical networks on a shared physical network it comprises a complete set of solutions designed to meet the differentiated service requirements of the 5g and cloud era this book focuses on ip network slicing based on the data plane of ipv6 a second generation network layer protocol standard designed to address many of the problems encountered with ipv4 the book explores the technical implementation of ipv6 network slicing by introducing its architecture implementation solutions resource partitioning technologies data plane technologies and control plane technologies it also explains how to deploy ipv6 network slicing through slice controllers and provides deployment suggestions based on huawei practices it is a must read for professional engineers involved in network planning design and technology support researchers and students in information and communication technology and communication system design will also find it useful

Open Radio Access Network (O-RAN) Systems Architecture and Design

2024-01-17

aiming to outline the vision of realizing automated and intelligent communication networks in the era of intelligence this book describes the development history application scenarios theories architectures and key technologies of huawei s autonomous driving network adn solution in the book the authors explain the design of the top level architecture hierarchical architecture ane netgraph and ai native ne and key feature architecture distributed ai and endogenous security that underpin huawei s adn solution the book delves into various key technologies including trustworthy ai distributed ai digital twin network simulation digitization of knowledge and expertise human machine symbiosis ne endogenous intelligence and endogenous security it also provides an overview of the standards and level evaluation methods defined by industry and standards organizations and uses huawei s adn solution as an example to illustrate how to implement an this book is an essential reference for professionals and researchers who want to gain a deeper understanding of automated and intelligent communication networks and their applications

IPv6 Network Slicing

2014-09-12

even as newer cellular technologies and standards emerge many of the fundamental principles and the components of the cellular network remain the same presenting a simple yet comprehensive view of cellular communications technologies cellular communications provides an end to end perspective of cellular operations ranging from physical layer details to call set up and from the radio network to the core network this self contained source for practitioners and students represents a comprehensive survey of the fundamentals of cellular communications and the landscape of commercially deployed 2g and 3g technologies and provides a glimpse of emerging 4g technologies

Autonomous Driving Network

2003-03-24

for more than 40 years computerworld has been the leading source of technology news and information for it influencers worldwide computerworld s award winning site computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global it media network

Cellular Communications

2023-02-10

this is an open access book desd2022 proceedings tend to collect the most up to date comprehensive and worldwide state of art knowledge on education science and cultural studies all the accepted papers have been submitted to strict peer review by 2 4 expert referees and selected based on originality significance and clarity for the purpose of the conference the conference program is extremely rich profound and featuring high impact presentations of selected papers and additional late breaking contributions we sincerely hope that the conference would not only show the participants a broad overview of the latest research results in related fields but also provide them with a significant platform for academic connection and exchange

Computerworld

2023-08-15

boasting the fastest growing internet market in the world association of southeast asian nations asean is accelerating into the digital economy this book assesses the potential economic impact of digital economy agreements deas and the readiness of some asean member states to grow the digital economy in collaboration the book presents a novel framework to assess countries readiness to enter digital economy collaborations following the architecture of singapore s deas with its trading partners it takes a bird s eye view of the digital economy in asean and reviews the current state of digital infrastructure and regulations the book also includes simulation exercises to project economic outcomes delivered by regional collaborations it also elaborates on the specific strengths and weaknesses of five asean member states these asean member states include indonesia malaysia the philippines vietnam and cambodia the book concludes by revisiting the asean economy as a whole it points out key issues country leaders need to work on as they proceed with digital economy collaborations this book is written for scholars policymakers and industrial practitioners who wish to learn the latest developments in the asean digital economy

Proceedings of the 2022 International Conference on Diversified Education and Social Development (DESD 2022)

2022-07-07

china has become an innovation powerhouse in high tech industries but the widely held view assumes the chinese model is built on technological borrowing and state capitalism this book debunks the myths surrounding the chinese model with a fresh take on china s strategies for technological innovation the central argument is that indigenous innovation plays a critical role in transforming the chinese high tech industry like any successfully industrialized nation in history indigenous innovation in china allows industrial enterprises to assimilate knowledge developed elsewhere utilize science and technology resources and human capabilities accumulated in the country and eventually approach the technological frontier the question is how do chinese businesses and governments engage in indigenous innovation employing the social conditions of innovative enterprise framework developed by william lazonick and colleagues this book analyzes how the interaction of strategy organization and finance in leading chinese high tech firms underpinned by national institutions enables indigenous innovation with chinese characteristics it features detailed case studies of two critical high tech industries the telecom equipment industry and the semiconductor industry and within them the business histories of leading chinese innovators the in depth look into china s experience in indigenous innovation provides valuable lessons for advanced and emerging economies

Gigabit/ATM Monthly Newsletter September 2010

2021-04-30

this book has been written with the support of huawei s large accumulation of technical knowledge and experience in the wlan

field as well as its understanding of customer service requirements first the book covers service challenges facing enterprise wireless networks along with detailing the latest evolution of wi fi standards air interface performance and methods for improving user experience in enterprise scenarios furthermore it illustrates typical networking planning and scenario specific design for enterprise wlans and provides readers with a comprehensive understanding of enterprise wlan planning design and technical implementation as well as suggestions for deployment this is a practical and easy to understand guide to wlan design and is written for wlan technical support and planning engineers network administrators and enthusiasts of network technology authors rihai wu is chief architect of huawei s campus network wlan solution with 16 years of experience in wireless communications product design and a wealth of expertise in network design and product development he previously served as a designer and developer of products for wideband code division multiple access wcdma lte indoor small cells and wlan xun yang is a wlan standard expert from huawei he has nine years of experience in formulating wlan standards and previously served as 802 11ac secretary 802 11ah phy ad hoc co chair and 802 11ax mu ad hoc sub group co chair mr yang oversees technical research the promotion of standards and industrialization in the wlan field and has filed more than 100 patents xia zhou is a documentation engineer of huawei s campus network wlan solution she has 10 years of experience in creating documents for campus network products ms zhou was previously in charge of writing manuals for huawei data center switches wlan products and campus network solutions she is also the author of campus network solution deployment guide and was a co sponsor of technical sessions such as wlan from basics to proficiency yibo wang is a documentation engineer of huawei s campus network wlan solution he has nine years of experience in creating documents for campus network products mr wang was previously in charge of writing manuals for huawei switches wlan products and routers he was also a co sponsor of technical sessions such as wlan from basics to proficiency and hcia wlan certification training courses

The ASEAN Digital Economy

2020-01-03

this book presents selected papers from the 9th international workshop of advanced manufacturing and automation iwama 2019 held in plymouth uk on november 21 22 2019 discussing topics such as novel techniques for manufacturing and automation in industry 4 0 and smart factories which are vital for maintaining and improving economic development and quality of life it offers researchers and industrial engineers insights into implementing the concepts and theories of industry 4 0 in order to effectively respond to the challenges posed by the 4th industrial revolution and smart factories

China Telecom Monthly Newsletter December 2009

2021-04-16

for the past couple of years network automation techniques that include software defined networking sdn and dynamic resource allocation schemes have been the subject of a significant research and development effort likewise network functions virtualization nfv and the foreseeable usage of a set of artificial intelligence techniques to facilitate the processing of customers requirements and the subsequent design delivery and operation of the corresponding services are very likely to dramatically distort the conception and the management of networking infrastructures some of these techniques are being specified within standards developing organizations while others remain perceived as a buzz without any concrete deployment plans disclosed by service providers an in depth understanding and analysis of these approaches should be conducted to help internet players in making appropriate design choices that would meet their requirements as well as their customers this is an important area of research as these new developments and approaches will inevitably reshape the internet and the future of technology design innovation and network architecture for the future internet sheds light on the foreseeable yet dramatic evolution of internet design principles and offers a comprehensive overview on the recent advances in networking techniques that are likely to shape the future internet the chapters provide a rigorous in depth analysis of the promises pitfalls and other challenges raised by these initiatives while avoiding any speculation on their expected outcomes and technical benefits this book covers essential topics such as content delivery networks network functions virtualization security cloud computing automation and more this book will be useful for network engineers software designers computer networking professionals practitioners researchers academicians and students looking for a comprehensive research book on the latest advancements in internet design principles and networking techniques

China's Drive for the Technology Frontier

2019-08-30

this book focuses on china s economic transformation at firm and institution levels it shares insights into the growth of innovative chinese firms in the automobile and telecom equipment sectors both of which promoted social dialogue of policy

making and ultimately contributed to a policy paradigm shift in china s indigenous innovation the book illustrates through case studies on firms like geely the chery the byd huawei the zte and the dtt how these firms behave differently from other local actors and what social conditions had contributed to their success the book will help those who are interested to learn more about the rise of innovative chinese firms to better understand the dynamics of china s industrial progress

Enterprise Wireless Local Area Network Architectures and Technologies

2020-10-12

a focused look into the business and management practices across asia from an author team located across three asian pacific countries and experience of leading organisations spanning over more than two decades

Advanced Manufacturing and Automation IX

2016-07-29

model your company s future on the success of tech s quiet giant businessweek once listed chinese tech firm huawei as one of the ten most influential companies on the planet and time placed its founder ren zhengfei in the top 100 most influential men in the world once considered an insignificant upstart bound for failure like so many other early tech companies huawei is now a 62 billion company employing 190 000 people worldwide huawei s upward trajectory is the classic story of a company that beat all the odds founded in 1987 with 20 000 rmb huawei took on all the it powerhouses during times of major market upheaval and has come out on top all due to the clarity of vision powerful sense of purpose and sheer work ethic of its founder the huawei way provides practical lessons on how ren zhengfei led his company to a level of success no one in the world predicted as telecom s old greats like motorola nokia and siemens continue to struggle from the effects of recession huawei continues to grow because it never stops innovating its success is self driven because the company reflecting is its founder maintains a relentless dedication r d while other companies fueled by fear are scaling down r d to save money huawei is ramping it up and it s paying off big time both entertaining and instructive the huawei way traces the rise of one of today s greatest tech companies to provide valuable business and management lessons anyone can apply to any company in any industry

Design Innovation and Network Architecture for the Future Internet

2011-08-09

navigating paradigm changes is a critical element of business leadership analog to digital brand to retailer to consumer reason to emotion west to east anything that illuminates these powershifts is valuable for the fast moving decision maker and in this respect asian versus western management thinking is a first rate inquiry into cultural business behaviors insular frameworks of thinking and action matter less by the second i m an and and practitioner and my experience of bridging business between east and west and vice versa suggests we need to know the human distinctions that matter and the harmonies that will matter even more between the covers of this book by kimio kase and colleagues business moves forward kevin roberts ceo worldwide saatchi saatchi lovemarks company having lived and worked my entire life in various countries around the world i agree with the authors premise that asians and westerners often approach business problems from different angles rather than focusing on differences i welcome the strength that comes from diversity as my experience at renault and nissan has demonstrated the richest solutions come when ideas are challenged or questioned by people who have a different perspective this book illustrates the value of accepting diverging ideas as a fact of life that can be used to enhance the world in which we all live and work carlos ghosn chairman and chief executive officer renault nissan alliance a most welcome addition to the unbalanced management literature about the analytical west and the synthetic east for too long the field has been dominated by comparisons of cultural value systems which paradoxically tell us precious little about how habits of mind influence management thinking and practice in different parts of the world over time at a time when the world s economic centre of gravity is visibly shifting to asia this really is a most timely book nigel holden visiting research fellow at the centre for international business at the university of leeds uk

Innovation and Industrial Development in China

2019-12-09

this report published by ispi and the brookings institution analyzes the challenges to international order posed by the ongoing race for technological superiority from artificial intelligence and quantum computing to hypersonic weapons and new forms of cyber and electronic warfare advances in technology have threatened to make the international security environment more unpredictable and volatile yet the international community remains unprepared to assess and manage that risk what is needed

is a mature understanding of how technology has emerged as a key enabler of sovereignty in the xxi century how the ongoing race for technological supremacy is disrupting the balance of power globally and what the attendant strategic and security implications of those transformations will be this report is an effort to that end

Doing Business in Asia

2020-07-29

ascend ai processor architecture and programming principles and applications of cann offers in depth ai applications using huawei s ascend chip presenting and analyzing the unique performance and attributes of this processor the title introduces the fundamental theory of ai the software and hardware architecture of the ascend ai processor related tools and programming technology and typical application cases it demonstrates internal software and hardware design principles system tools and programming techniques for the processor laying out the elements of ai programming technology needed by researchers developing ai applications chapters cover the theoretical fundamentals of ai and deep learning the state of the industry including the current state of neural network processors deep learning frameworks and a deep learning compilation framework the hardware architecture of the ascend ai processor programming methods and practices for developing the processor and finally detailed case studies on data and algorithms for ai presents the performance and attributes of the huawei ascend ai processor describes the software and hardware architecture of the ascend processor lays out the elements of ai theory processor architecture and ai applications provides detailed case studies on data and algorithms for ai offers insights into processor architecture and programming to spark new ai applications

The Huawei Way: Lessons from an International Tech Giant on Driving Growth by Focusing on Never-Ending Innovation

2022-11-09

this open access book presents the findings of the author s 3 decades of studying china s evolving anti poverty strategies it argues that much of the billions that nations spend yearly on economic aid is used inefficiently or to treat the symptoms but not the root causes of poverty china however has evolved an effective sustainable alternative by providing the means for self reliance to not only relieve economic poverty but also poverty of spirit as a result the success of china s historic war on poverty has been due not only to top down visionary leadership but also to the bottom up initiatives of an empowered populace unswervingly united in ending poverty from 1993 to 2019 the author drove over 200 000 km around china and interviewed hundreds of people from all walks of life as he explored the evolution of china s anti poverty strategies from simplistic aid and redistribution which often engendered dependency and poverty of spirit over time the philosophy shifted to empowerment by fostering self reliance or as chinese put it blood production rather than blood transfusion the primary method of empowerment was to provide modern infrastructure roads first then riches so rural dwellers in remote inner mongolia or the himalayan heights of tibet had the same access to markets jobs and internet for e commerce as their urban counterparts people who seized the opportunities and prospered first then used their newfound wealth and experience to help others the stories in this book include a tibetan entrepreneur whose family was impoverished in spite of 300 years of service to the panchen lama or the farm girl with 4 years of education who now has several international schools a biotechnology company and poverty alleviation projects across china or the photographer who walked 40 000 km through deserts to chronicle the threat of desertification their tales underscore how diverse people across china helped make possible china s success in alleviating absolute poverty and why chinese are now confident in achieving a moderately prosperous society

Asian versus Western Management Thinking

2019-02-01

the issues of sustainability and corporate social responsibility have become vital discussions in many industries within the public and private sectors in the business realm incorporating practices that serve the overall community and ecological wellbeing can also allow businesses to flourish economically and socially green business concepts methodologies tools and applications is a vital reference source for the latest research findings on the challenges and benefits of implementing sustainability into the core functions of contemporary enterprises focusing on how green approaches improve operations highlighting a range of topics such as corporate sustainability green enterprises and circular economy this multi volume book is ideally designed for business executives business and marketing professionals business managers academicians and researchers actively involved in the business industry

The Global Race for Technological Superiority

2011-02-02

this book constitutes the proceedings of the 7th international conference on distributed computing and internet technology icdcit 2011 held in bhubaneswar india in february 2011 the 18 papers presented in this volume were carefully reviewed and selected from 138 submissions in addition the book contains the full versions of 6 invited talks the papers are grouped in topical sections on distributed computing sensor networks internet technologies and applications security and bio inspired computing

Ascend AI Processor Architecture and Programming

2021-05-06

starting with problems and challenges faced by enterprise wans software defined wide area network architectures and technologies provides a detailed description of sd wan s background and basic features as well as the system architecture operating mechanism and application scenarios of the sd wan solution based on the implementation of huawei sd wan solution it also explains key sd wan technologies and analyzes real sd wan deployment cases affording readers with design methods and deployment suggestions for the sd wan solution the information presented in this book is easy to understand and very practical it enables you to become adept in the sd wan solution s implementation and design principles the book is intended for ict practitioners such as network technical support engineers network administrators and network planning engineers to use in studying theory furthermore it serves as reference material for network technology enthusiasts authors cheng sheng is the chief architect of huawei s sd wan solution he has nearly 20 years of experience in network product and solution design as well as extensive expertise in product design and development network planning and design and network engineering project implementation jie bai is an architect of huawei s sd wan solution he is well versed in huawei security products and sd wan solution and has written books such as huawei firewall technology talk as well as huawei anti ddos technology talk qi sun is a senior information architect of huawei and he is knowledgeable in huawei sd wan solution cloudvpn solution and cloud management solution he also participated in the information architecture design and delivery of multiple solutions

China Telecom Monthly Newsletter June 2010

2022-09-08

this open access book aims to educate data space designers to understand what is required to create a successful data space it explores cutting edge theory technologies methodologies and best practices for data spaces for both industrial and personal data and provides the reader with a basis for understanding the design deployment and future directions of data spaces the book captures the early lessons and experience in creating data spaces it arranges these contributions into three parts covering design deployment and future directions respectively the first part explores the design space of data spaces the single chapters detail the organisational design for data spaces data platforms data governance federated learning personal data sharing data marketplaces and hybrid artificial intelligence for data spaces the second part describes the use of data spaces within real world deployments its chapters are co authored with industry experts and include case studies of data spaces in sectors including industry 4 0 food safety fintech health care and energy the third and final part details future directions for data spaces including challenges and opportunities for common european data spaces and privacy preserving techniques for trustworthy data sharing the book is of interest to two primary audiences first researchers interested in data management and data sharing and second practitioners and industry experts engaged in data driven systems where the sharing and exchange of data within an ecosystem are critical

The Evolution of China's Anti-Poverty Strategies

2014-03-25

all business organizations strive for increasing their growth by seizing new opportunities reducing enterprise costs attracting new customers and retaining old customers in doing so business intelligence and analytics allow business organizations to make better plans informed decisions and monitor their progress towards planned goals and objectives the more disruptive power of it technologies comes synergistically individual it technologies do not work in isolation business intelligence systems are built on other digital technologies such as mobile and collaborative technologies cloud computing virtualization and enterprise resource planning and enterprise information systems this volume presents sixteen of the most insightful research papers amongst the various contributions accepted for presentations at the international conference on information systems and technologies icist 2013 and the international conference on software engineering and new technologies icsent 12 held in tangier morocco and

hammamet tunisia respectively these papers truly represent what today's cios see as the top priority disruptive it technologies that will help business organizations seize digital opportunities to increase their growth and reduce operating costs

Green Business: Concepts, Methodologies, Tools, and Applications

2013-04-15

this book constitutes the thoroughly refereed proceedings of the fourth international conference on mobile networks and management monami 2012 held in hamburg germany in september 2012 the 15 revised full papers presented were carefully selected and reviewed from numerous submissions in addition two well received workshops are presented the second monami workshop on smart objects and the first open connectivity services workshop organized in cooperation with the eu fp7 sail project all in all 25 papers were orally presented at the conference the papers are organized in five topical sections mobile networks heterogeneous networks wireless communications smart objects and iot applications and future networks

<u>Distributed Computing and Internet Technology</u>

2012-05-10

this book constitutes the thoroughly refereed post conference proceedings of the third international icst conference on mobile networks and managements monami 2011 held in aveiro portugal in september 2011 the 30 revised full papers were carefully selected from numerous submissions and are organized thematically in 5 parts these are mobile and wireless networks self organized and mesh networks new approaches for network visualization network services and security

Software-Defined Wide Area Network Architectures and Technologies

2007

this is an open access book with the successful experience of the past 3 years we believe that the 2023 4th international conference on education knowledge and information management icekim 2023 will be an even greater success in 2023 and welcome all scholars and experts to submit their papers for the conference the 2023 4th international conference on education knowledge and information management icekim 2023 will be held on january 13 15 2023 in zhengzhou china in the era of information explosion there is no doubt that education is an important way of knowledge production dissemination and diffusion education plays an important role in promoting human development and promoting the development of society and human knowledge icekim 2023 is to bring together innovative academics and industrial experts in the field of education knowledge and information management to a common forum the primary goal of the conference is to promote research and developmental activities in education knowledge and information management and another goal is to promote scientific information interchange between researchers developers engineers students and practitioners working all around the world the conference will be held every year to make it an ideal platform for people to share views and experiences in international conference on education knowledge and information management and related areas

Data Spaces

2023-06-29

this book constitutes the refereed proceedings of the 19th international conference on metaverse metaverse 2023 held in honolulu hi usa during september 23 26 2023 the 9 full papers and 3 short papers included in this book were carefully reviewed and selected from 15 submissions they were organized in topical sections as follows answer set programming metaverse engineering foundations and applications with a focus on novel approaches for engineering requirements design and architectures testing maintenance and evolution model driven development software processes metrics quality assurance and new software economics models search based software engineering benefiting day to day services sectors and derived through experiences with appreciation to scale pragmatism transparency compliance and or dependability

China Telecom Monthly Newsletter

2023-10-24

this book constitutes the refereed post conference proceedings of the 7th international conference on advancement of science and technology icast 2019 which took place in bahir dar ethiopia in august 2019 the 76 revised full papers were carefully

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