TCP/IP ARCHITECTURE, DESIGN, AND IMPLEMENTATION IN LINUX

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Tcp Ip Architecture Design And Implementation In Linux Practitioners

Mark Steyvers

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TCP/IP Architecture, Design, and Implementation in Linux Sameer Seth,M. Ajaykumar Venkatesulu,2009-01-23 This book provides thorough knowledge of Linux TCP IP stack and kernel framework for its network stack including complete knowledge of design and implementation Starting with simple client server socket programs and progressing to complex design and implementation of TCP IP protocol in linux this book provides different aspects of socket programming and major TCP IP related algorithms In addition the text features netfilter hook framework a complete explanation of routing sub system IP QOS implementation and Network Soft IRQ This book further contains elements on TCP state machine implementation TCP timer implementation on Linux TCP memory management on Linux and debugging TCP IP stack using lcrash **Digital Forensics in the Era of Artificial Intelligence** Nour Moustafa,2022-07-18 Digital forensics plays a crucial role in identifying analysing and presenting cyber threats as evidence in a court of law Artificial intelligence particularly machine learning and deep learning enables automation of the digital investigation process This book provides an in depth look at the fundamental and advanced methods in digital forensics It also discusses how machine learning and deep learning algorithms can be used to detect and investigate cybercrimes This book demonstrates digital forensics and cyber investigating techniques with real world applications It examines hard disk analytics and style architectures including Master Boot Record and GUID Partition Table as part of the investigative process It also covers cyberattack analysis in Windows Linux and network systems using virtual machines in real world scenarios Digital Forensics in the Era of Artificial Intelligence will be helpful for those interested in digital forensics and using machine learning techniques in the investigation of cyberattacks and the detection of evidence in cybercrimes The Linux Networking Architecture Klaus Wehrle,2004 This unique Linux networking tutorial reference provides students with a practical overview and understanding of the implementation of networking protocols in the Linux kernel By gaining a familiarity with the Linux kernel architecture students can modify and enhance the functionality of protocol instances Provided by publisher Computerworld ,2007-02-05 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network *Computerworld* ,2004-09-06 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site Computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global IT media network **OSPF Complete Implementation** John T. Moy,2001 CD ROM contains ospfd Linus only routing protocol daemon ospf_sim a OSPF simulator Linux or Windows OSPF source code *Computerworld* ,2004-06-07 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld s award winning Web site

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