

## Foundry Networks User Manual

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Today's enterprise cannot effectively function without a network, and today's enterprise network is almost always based on LAN technology. In a few short years, LANs have become an essential element of today's business environment. This time in the spotlight, while well deserved, has not come without a price. Businesses now insist that LANs deliver vast and ever-increasing quantities of business-critical information and that they do it efficiently, flawlessly, without fail, and most of all, securely. Today's network managers must consistently deliver this level of performance, and must do so while keeping up with ever changing, ever increasing demands without missing a beat. At the same time, today's IT managers must deliver business-critical information systems in an environment that has undergone radical paradigm shifts in such widely varied fields as computer architecture, operating systems, application development, and security. The Local Area Networks Handbook focuses on this collective environment, in which networking and information technology work together to create LAN-based enterprise networks. Topics have been selected and organized with this in mind, providing both depth and breadth of coverage. The handbook will provide you not only an understanding of how LANs work and how to go about selecting and implementing LAN products, but also of how to leverage LAN capabilities for the benefit of your enterprise.

Mergent's Handbook of NASDAQ Stocks? offers you quick and easy access to key financial statistics on companies listed on the NASDAQ Stock Exchange. This handbook, updated quarterly, presents market data, performance ratios, stock prices, and dividend information of recent quarterly results as well as future prospects in succinct one-page profiles. Filled with the latest available facts and figures, Mergent's Handbook of NASDAQ Stocks helps you make the most informed investment decisions. Each full-page company profile includes: Business Summary - highlights products, markets, and business line; Summary of recent developments, including latest quarterly earnings reports; Stock performance chart; Ten years of income statement and balance sheet data, if available; Key performance ratios; Officers, address, phone and fax numbers, Web sites, transfer agents, auditor, investor contact and legal counsel; and more. Plus, features that includes: Company stock selling below book value; Price score leaders; Rankings by selected investment criteria; Stocks with high and low price earnings multiples; Low-price stocks A Century of Providing Trusted Information For over a century, Mergent has been the preferred source for global business and financial information by providing comprehensive data to savvy investors, both novice and professional. Mergent's business research tools offer a convenient way to quickly identify potential investment opportunities with the most reliable and complete business and financial information available.

Comprehensive guides to the latest Beowulf tools and methodologies. Beowulf clusters, which exploit mass-market PC hardware and software in conjunction with cost-effective commercial network technology, are becoming the platform for many scientific, engineering, and commercial applications. With growing popularity has come growing complexity. Addressing that complexity, Beowulf Cluster Computing with Linux and Beowulf Cluster Computing with Windows provide system users and administrators with the tools they need to run the most advanced Beowulf clusters. The book is appearing in both Linux and Windows versions in order to reach the entire PC cluster community, which is divided into two distinct camps according to the node operating system. Each book consists of three stand-alone parts. The first provides an introduction to the underlying hardware technology, assembly, and configuration. The second part offers a detailed presentation of the major parallel programming libraries. The third, and largest, part describes software infrastructures and tools for managing cluster resources. This includes some of the most popular of the software packages available for distributed task scheduling, as well as tools for monitoring and administering system resources and user accounts. Approximately 75% of the material in the two books is shared, with the other 25% pertaining to the specific operating system. Most of the chapters include text specific to the operating system. The Linux volume includes a discussion of parallel file systems.

Since the publication of the best-selling first edition of The Satellite Communication Applications Handbook, the satellite communications industry has experienced explosive growth. Satellite radio, direct-to-home satellite television, satellite telephones, and satellite guidance for automobiles are now common and popular consumer products. Similarly, business, government, and defense organizations now rely on satellite communications for day-to-day operations. This second edition covers all the latest advances in satellite technology and applications including direct-to-home broadcasting, digital audio and video, and VSAT networks. Engineers get the latest technical insights into operations, architectures, and systems components.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Enabling technologies - An overview of cluster computing / Thomas Sterling / - Node Hardware / Thomas Sterling / - Linux / Peter H. Beckman / - Network Hardware / Thomas Sterling / - Network Software / Thomas Sterling / - Setting Up clusters : installation and configuration - How fast is my beowulf? / David Bailey / - Parallel programming / - Parallel programming with MPI / William Gropp / - Advanced topics in MPI programming / William Gropp / - Parallel programming with PVM / Al Geist / - Fault-tolerant and adaptive programs with PVM / Al Geist / - Managing clusters / - Cluster workload management / James Patton Jones / - Condor : a distributed job scheduler / - Maui scheduler : A multifunction cluster scheduler / David B. Jackson / - PBS : portable batch system / James Patton Jones / - PVFS : parallel virtual file system / Walt Ligon / - Chiba city : the Argonne scalable cluster.

A market research guide to the telecommunications industry. It offers a tool for strategic planning, competitive intelligence, employment searches or financial research. It includes a chapter of trends, statistical tables, and an industry-specific glossary. It provides profiles of the 500 biggest, companies in the telecommunications industry.

Understanding ASPs: The new Internet business. Application Service Providers (ASPs) appeal to small businesses by offering a wide variety of web-hosted software programs including e-commerce, communications, project management, financial, word processing and human resource applications. ASPs offer inexpensive use of software and the ability to share access among people in different locations. There is a huge buzz in the computing industry about ASPs and many ISPs (Internet Service Providers) are gearing up to become ASPs. These companies are in need of a guide - this is the first book to focus on how a company can become an ASP. ASP Configuration Handbook: A Guide for

ISPs covers all the business issues surrounding the transformation of an Internet Service Provider to an Application Service Provider, as well as the technical issues associated with offering applications to customers.

Following in the tradition of its popular predecessor, A Practical Guide to Content Delivery Networks, Second Edition offers an accessible and organized approach to implementing networks capable of handling the increasing data requirements of today's always on mobile society. Describing how content delivery networks (CDN) function, it provides an understanding of Web architecture, as well as an overview of the TCP/IP protocol suite. The book reports on the development of the technologies that have evolved over the past decade as distribution mechanisms for various types of Web content. Using a structural and visual approach, it provides step-by-step guidance through the process of setting up a scalable CDN. Supplies a clear understanding of the framework and individual layers of design, including caching and load balancing Describes the terminology, tactics, and potential problems when implementing a CDN Examines cost-effective ways to load balance web service layers Explains how application servers connect to databases and how systems will scale as volume increases Illustrates the impact of video on data storage and delivery, as well as the need for data compression Covers Flash and the emerging HTML5 standard for video Highlighting the advantages and disadvantages associated with these types of networks, the book explains how to use the networks within the Internet operated by various ISPs as mechanisms for effectively delivering Web server based information. It emphasizes a best-of-breed approach to building your network to allow for an effective CDN to be built on practically any budget. To help you get started, this vendor-neutral reference explains how to code Web pages to optimize the delivery of various types of media. It also includes examples of successful approaches, from outsourcing to do it yourself.

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