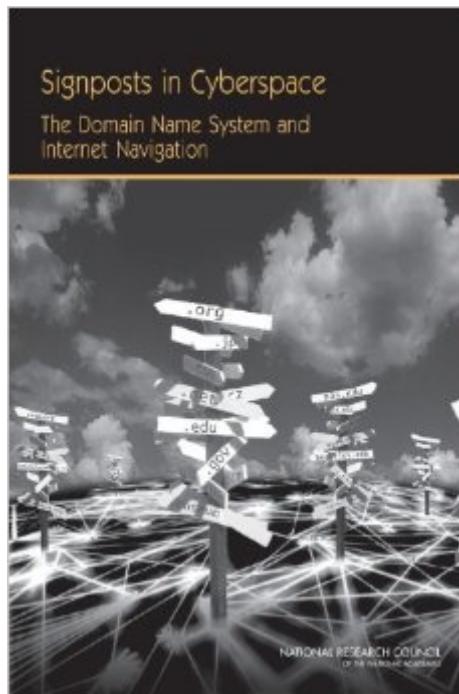


The book was found

Signposts In Cyberspace: The Domain Name System And Internet Navigation



Synopsis

The Domain Name System (DNS) enables user-friendly alphanumeric names—“domain names”—to be assigned to Internet sites. Many of these names have gained economic, social, and political value, leading to conflicts over their ownership, especially names containing trademarked terms. Congress, in P.L. 105-305, directed the Department of Commerce to request the NRC to perform a study of these issues. When the study was initiated, steps were already underway to address the resolution of domain name conflicts, but the continued rapid expansion of the use of the Internet had raised a number of additional policy and technical issues. Furthermore, it became clear that the introduction of search engines and other tools for Internet navigation was affecting the DNS. Consequently, the study was expanded to include policy and technical issues related to the DNS in the context of Internet navigation. This report presents the NRC’s assessment of the current state and future prospects of the DNS and Internet navigation, and its conclusions and recommendations concerning key technical and policy issues.

Book Information

Paperback: 416 pages

Publisher: National Academies Press; 1 edition (August 7, 2005)

Language: English

ISBN-10: 0309096405

ISBN-13: 978-0309096409

Product Dimensions: 6.1 x 0.9 x 9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars (See all reviews) (1 customer review)

Best Sellers Rank: #6,347,603 in Books (See Top 100 in Books) #62 in Books > Computers & Technology > Operating Systems > Unix > DNS & Bind #11814 in Books > Politics & Social Sciences > Politics & Government > International & World Politics > Security #17538 in Books > Computers & Technology > Networking & Cloud Computing > Internet, Groupware, & Telecommunications

Customer Reviews

Much of the Web would be useless without the domain name system. This is one of the core backbones of the Internet. The book explains how the infrastructure has stood up against massive expansion since the dawn of the Web. Considerable effort went into reinforcing the redundancy and quick response of DNS. For those interested in such details, and in the commercial jockeying

between the various DNS Registrar companies, you can turn to this book. As for the future, an exhaustion in IPv4 addresses looms. Eventually, we will have to migrate to 128 bits addresses in IPv6. While the domain names can remain constant, lots of behind the scenes twiddling needs to be done for a successful transition.

[Download to continue reading...](#)

Signposts in Cyberspace: The Domain Name System and Internet Navigation The Domain Name Handbook; High Stakes and Strategies in Cyberspace Domain Names For Profit: How to Play The Domain Name Game & Make Money Engineering Satellite-Based Navigation and Timing: Global Navigation Satellite Systems, Signals, and Receivers Naming a Web Site on the Internet: How to Choose, Register and Protect the Right Domain Name for Your Web Site How To Buy an Internet Domain Name DNSSEC Mastery: Securing the Domain Name System with BIND Secure Domain Name System (DNS) Deployment Guide Domain Names: How to Choose and Protect a Great Name for Your Website (Quick & Legal) Domain Name Profits Domain Names: How to Choose & Protect a Great Name for Your Website Niche Sites With Affiliate Marketing For Beginners: Niche Market Research, Cheap Domain Name & Web Hosting, Model For Google AdSense, ClickBank, SellHealth, CJ & LinkShare (Online Business Series) The Baby Name Wizard, Revised 3rd Edition: A Magical Method for Finding the Perfect Name for Your Baby Code: And Other Laws Of Cyberspace Masters of Deception: The Gang That Ruled Cyberspace The Distinguished Minecraft Humor Compendium: 42 Essential Minecraft Jokes for Cyberspace, Overworld, Nether End More! Capoeira: The Jogo de Angola from Luanda to Cyberspace, Volume Two Capoeira: The Jogo de Angola from Luanda to Cyberspace Map Reading and Land Navigation: FM 3-25.26 The Lost Art of Reading Nature's Signs: Use Outdoor Clues to Find Your Way, Predict the Weather, Locate Water, Track Animals_and Other Forgotten Skills (Natural Navigation)

[Dmca](#)