



Internet Domain Names: Background and Policy Issues (Paperback)

By Congressional Research Service

Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Navigating the Internet requires using addresses and corresponding names that identify the location of individual computers. The Domain Name System (DNS) is the distributed set of databases residing in computers around the world that contain address numbers mapped to corresponding domain names, making it possible to send and receive messages and to access information from computers anywhere on the Internet. Many of the technical, operational, and management decisions regarding the DNS can have significant impacts on Internet-related policy issues such as intellectual property, privacy, Internet freedom, e-commerce, and cybersecurity. The DNS is managed and operated by a not-for-profit public benefit corporation called the Internet Corporation for Assigned Names and Numbers (ICANN). Because the Internet evolved from a network infrastructure created by the Department of Defense, the U.S. government originally owned and operated (primarily through private contractors) the key components of network architecture that enable the domain name system to function. A 1998 Memorandum of Understanding (MOU) between ICANN and the Department of Commerce (DOC) initiated a process intended to transition technical DNS coordination and management functions to a...



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