



## Protocol Politics: The Globalization of Internet Governance (Hardback)

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By Laura DeNardis

MIT Press Ltd, United States, 2009. Hardback. Condition: New. Language: English . Brand New Book. What are the global implications of the looming shortage of Internet addresses and the slow deployment of the new IPv6 protocol designed to solve this problem? The Internet has reached a critical point. The world is running out of Internet addresses. There is a finite supply of approximately 4.3 billion Internet Protocol (IP) addresses--the unique binary numbers required for every exchange of information over the Internet--within the Internet's prevailing technical architecture (IPv4). In the 1990s the Internet standards community selected a new protocol (IPv6) that would expand the number of Internet addresses exponentially--to 340 undecillion addresses. Despite a decade of predictions about imminent global conversion, IPv6 adoption has barely begun. Protocol Politics examines what's at stake politically, economically, and technically in the selection and adoption of a new Internet protocol. Laura DeNardis's key insight is that protocols are political. IPv6 intersects with provocative topics including Internet civil liberties, US military objectives, globalization, institutional power struggles, and the promise of global democratic freedoms. DeNardis offers recommendations for Internet standards governance, based not only on technical concerns but on principles of openness and transparency,...



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