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William Richard (Rich) Stevens

(February 5, 1951 – September 1,

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1999) was a Northern Rhodesia-born American author of computer science books, in particular books on UNIX and TCP/IP.

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implementations on heterogeneous platforms. Therefore, the examples in this book show how current, popular TCP/IP implementations operate- SunOS 4.1.3, Solaris 2.2, System V Release 4, BSD/386, AIX 3.2.2, and 4.4 BSD-and they relate these real-world implementations to the RFC

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TCP/IP Illustrated is the name of a
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Richard Stevens. Unlike traditional

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books which explain the RFC specifications, Stevens goes into great detail using actual network traces to describe the protocol, hence its 'Illustrated' title.

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W. Richard Stevens, Ph.D.

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(1951-1999), was the pioneering author who taught a generation of network professionals the TCP/IP skills they've used to make the Internet central to everyday life. His best-selling books included all three volumes of TCP/IP Illustrated (Addison-Wesley), as well as UNIX Network

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UNIX Domain Protocols, Addison-
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W Richard Stevens and Kevin R Fall are pioneers in the field of TCP/IP research field, whose contributions have been played a key role in the development of the numerous applications and purposes in that field. Kevin R Fall is said to be a tech-savvy leader in the TCP/IP protocol

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research. Some of the other books by
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IPv4 and IPv6 networks. Then, he walks through TCP/IP's structure and function from the bottom up: from link layer protocols—such as Ethernet and Wi-Fi—through network, transport, and application layers. Fall thoroughly introduces ARP, DHCP, NAT, firewalls, ICMPv4/ICMPv6,

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broadcasting, multicasting, UDP, DNS, and much more. He offers extensive coverage of reliable transport and TCP, including connection management, timeout, retransmission, interactive data flow, and congestion control. Finally, he introduces the basics of security and cryptography,

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and illuminates the crucial modern protocols for protecting security and privacy, including EAP, IPsec, TLS, DNSSEC, and DKIM. Whatever your TCP/IP experience, this book will help you gain a deeper, more intuitive understanding of the entire protocol suite so you can build better

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