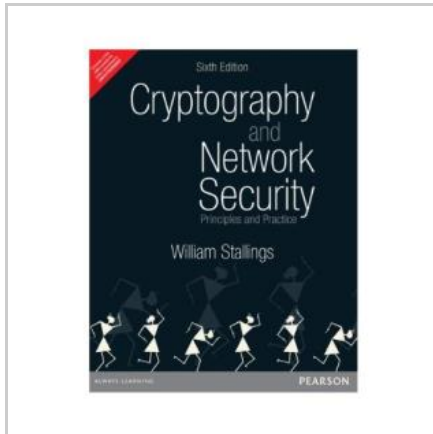




Cryptography and Network Security: Principles and Practice (Sixth Edition)

By William Stallings

Pearson Education, 2014. Softcover. Book Condition: New. 5th or later edition. 20 x 25 cm. In this age of universal electronic connectivity, viruses and hackers, electronic eavesping, and electronic fraud, security is paramount. This text provides a practical survey of both the principles and practice of cryptography and network security. First, the basic issues to be addressed by a network security capability are explored through a tutorial and survey of cryptography and network security technology. Then, the practice of network security is explored via practical applications that have been implemented and are in use today. An unparalleled support package for instructors and students ensures a successful teaching and learning experience. Features ? Use of Sage to illustrate cryptographic algorithms: The Sage computer algebra system is used to provide numerous examples of cryptographic algorithms and is also used as the basis for numerous hands-on assignments. ? Comprehensive up-to-date survey of cryptographic algorithms. The student gains an understanding of all of important cryptographic algorithms and is able to assess their relative strengths and weaknesses. ? Complete coverage of authentication and digital signatures. Enables the student to compare and evaluate competing approaches, and thus understand each better. ? Unified, comprehensive treatment of mutual...



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