Record Nr. UNINA9910798976103321 Autore Johnson Anne Titolo Exploring encryption and potential mechanisms for authorized government access to plaintext: proceedings of a workshop / / Anne Johnson, Emily Grumbling, and Jon Eisenberg, rapporteurs Washington, District of Columbia:,: The National Academies Press,, Pubbl/distr/stampa 2016 ©2016 **ISBN** 0-309-44743-7 0-309-44741-0 Descrizione fisica 1 online resource (73 pages): illustrations Disciplina 005.82 Data encryption (Computer science) Soggetti Data encryption (Computer science) - Government policy - United States Information storage and retrieval systems - Access control Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Overview -- Welcome and opening remarks -- The current encryption Nota di contenuto landscape -- Use cases and the feasibility of segmenting encryption policies -- Security risks of architectures for enabling government access to plaintext -- Technical and policy mitigations for inaccessible plaintext -- Wrap-up session -- Appendixes. A. Workshop statement of task -- B. Workshop agenda -- C. Biographical sketches of workshop planning committee and staff -- D. Biographical sketches of invited workshop participants -- E. Acronyms and abbreviations. Sommario/riassunto "In June 2016 the National Academies of Sciences, Engineering, and Medicine convened the Workshop on Encryption and Mechanisms for Authorized Government Access to Plaintext. Participants at this workshop discussed potential encryption strategies that would enable access to plaintext information by law enforcement or national security agencies with appropriate authority. Although the focus of the workshop was on technical issues, there was some consideration of the broader policy context, and discussion about the topics of encryption and authorized exceptional analysis frequently addressed open policy

questions as well as technical issues. This publication summarizes the presentations and discussions from the workshop"--Publisher's description.