

1. Record Nr.	UNINA9910966875003321
Titolo	Information assurance for network-centric naval forces // Committee on Information Assurance for Network-Centric Naval Forces, Naval Studies Board, Division on Engineering and Physical Sciences, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2010
ISBN	9786612554575 9780309151993 0309151996 9781282554573 1282554573 9780309136648 0309136644
Descrizione fisica	1 online resource (199 p.)
Disciplina	359.33041
Soggetti	Weapons systems - Technological innovations - United States Command and control systems - United States - Evaluation Network-centric operations (Military science) - United States - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Summary""; ""1 Background Naval Network-Centric Operations, Information Assurance, and Current Cyberthreats""; ""2 The Immediate Response Current Information Assurance and Cyberdefense Initiatives""; ""3 Mission Resilience Viewing the Threat in Operational Terms""; ""4 A Suggested Technical Response to Cyberthreats and Information Assurance Needs""; ""5 Application of Risk Analysis as a Basis for Prioritizing Needs""; ""6 Organizational Considerations""; ""Appendixes"" ""Appendix A: Acronyms and Abbreviations""""Appendix B: Terms of Reference""; ""Appendix C: Biographies of Committee Members""; ""Appendix D: Summary of Recent Naval Operations and Department of

Sommario/riassunto

"Owing to the expansion of network-centric operating concepts across the Department of Defense (DOD) and the growing threat to information and cybersecurity from lone actors, groups of like-minded actors, nation-states, and malicious insiders, information assurance is an area of significant and growing importance and concern. Because of the forward positioning of both the Navy's afloat and the Marine Corps expeditionary forces, IA issues for naval forces are exacerbated, and are tightly linked to operational success. Broad-based IA success is viewed by the NRC's Committee on Information Assurance for Network-Centric Naval Forces as providing a central underpinning to the DOD's network-centric operational concept and the Department of the Navy's (DON's) FORCEnet operational vision. Accordingly, this report provides a view and analysis of information assurance in the context of naval 'mission assurance'."--Publisher's description.
