

Cyber power potential of the Army's Reserve component

Type de contenu : Texte

Type de médiation : sans médiation

Type de support : Volume

Titre(s) : Cyber power potential of the Army's Reserve component / Isaac R. Porche III, Caolionn O'Connell, John S. Davis II,... [et al.]

Autre(s) responsabilité(s) : Arroyo center Santa Monica, Calif - Éditeur scientifique

Publication : Santa Monica (Calif.) : Rand corporation

Date de copyright : C 2017

Description matérielle : 1 vol. (XVIII-187 pages) : ill., cartes, graph., tabl. ; 23 cm

Collection : [Research report] 1490

ISBN : 978-0-8330-9480-3
0-8330-9480-7

EAN : 9780833094803 br.

Appartient à la collection : [Research report] 1490

Classification décimale Dewey : 364.168 2

Note(s) : La p. de titre porte en plus : "Prepared for the United States Army"
"RAND Arroyo Center"

Note sur la description bibliographique : Consultable à l'adresse

Note sur les bibliographies et les index : Includes bibliographical references (pages 175-187).

Note sur le contenu : Introduction The Growing Demand for Information Security Professionals Findings from the Literature Review Army Reserve Component Cyber Inventory Analysis The Role and Importance of Civilian Certification and Training in Developing the Skills Needed for the Cyber Mission Force Analysis of Reservist Cyber Skills Using LinkedIn Data The RAND Arroyo Center Survey of Army Reserve Component Personnel Framework for Examining Current and New Uses of the Reserve Component Reviewing the Army's Cyber Human Capital Strategy Main Findings and Recommendations Appendix A: Literature Review and Findings from Recent Studies Appendix B: Geographical

Distribution of CEI Data Call Respondents Appendix C: Select Army and Air Force Cyber Units
Appendix D: How the Survey Was Conducted

Résumé ou extrait : La 4e de couv. indique : "The military services are formalizing and bolstering their contribution to the nation's cyber force, known as the U.S. Cyber Command Cyber Mission Force. As a part of a Total Force approach, the Army is considering using both active component and reserve component (RC) personnel to fill the Cyber Mission Force and other requirements in support of Army units. This report identifies the number of Army RC personnel with cyber skills, to help identify ways in which these soldiers can be leveraged to conduct Army cyber operations. This report also describes the broader challenges and opportunities that the use of RC personnel presents. To study this issue, the authors first performed a thorough review of past studies, government reports, and relevant literature. Next, they analyzed data from the Civilian Employment Information database and the Work Experience File database, and they performed analyses of social media data from LinkedIn profiles, which include self-reported cyber skills among reservists. They reviewed and assessed the knowledge, skills, and abilities (KSAs) defined for CMF roles in order to determine the percentage of these KSAs that can be acquired in the private sector. Finally, they conducted a survey of more than 1,200 guardsmen and reservists. Based on both quantitative and qualitative analyses, the authors find that relevant information technology and cyber skills are in abundance in the private sector. As a result, there are tens of thousands of "citizen-soldiers"--that is, soldiers in the Army RC--that have the potential to support the Army's cyber mission needs and/or the propensity to learn cyber skills."

Sujet - Collectivité : États-Unis Army. -- Réserves -- Direction du personnel

Sujet - Nom commun : Cyberstratégie -- États-Unis -- 1990-2020

État de préparation opérationnelle (science militaire)

Cyberespace -- Mesures de sûreté -- États-Unis -- 1990-2020

Réseaux d'ordinateurs -- Mesures de sûreté -- États-Unis -- 1990-2020

Systèmes informatiques -- Mesures de sûreté -- États-Unis -- 1990-2020

Opérations interalliées

Cyberespace -- États-Unis -- Rôle stratégique -- 1990-2020