# Cyber power potential of the Army's Reserve component

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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."

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