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| Sommario/riassunto | The U.S. military has committed to a strategy of network-centric warfare. As a result, the Army has become increasingly interested in the critical role of network science. To a significant extent, this interest was stimulated by an earlier NRC report, Network Science. To build on that book, the Army asked the NRC to conduct a study to define advanced operating models and architectures for future Army laboratories and centers focused on network science, technologies, and experimentation (NSTE). The challenges resulting from base realignment and closure (BRAC) relocations of Army research, development, and engineering resources--as they affected the NSTE program--were also to be a focus of the study. This book provides a discussion of what NSTE is needed by the Army; an examination of the NSTE currently carried out by the Army; an assessment of needed infrastructure resources for Army NSTE; and an analysis of goals, models, and alternatives for an NSTE center. |