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Autore	Metheny Matthew
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ISBN	0-12-809687-X
Edizione	[Second edition.]
Descrizione fisica	1 online resource (1 volume) : illustrations
Soggetti	Cloud computing - Government policy - United States Computer security - Government policy - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to the federal cloud computing strategy -- Cloud computing standards -- A case for open source -- Security and privacy in public cloud computing -- Applying the NIST risk management framework -- Risk management -- Comparison of FISMA with other security compliance standards -- FedRAMP primer -- The FedRAMP cloud computing security requirements -- Assessment and authorization (A & A): governance, preparation, and execution -- Strategies for continuous monitoring -- Cost-effective compliance using security automation appendix -- Federal-focused case study for cloud service providers using the CSA GRC stack.
Sommario/riassunto	Federal Cloud Computing: The Definitive Guide for Cloud Service Providers, Second Edition offers an in-depth look at topics surrounding federal cloud computing within the federal government, including the Federal Cloud Computing Strategy, Cloud Computing Standards, Security and Privacy, and Security Automation. You will learn the basics of the NIST risk management framework (RMF) with a specific focus on cloud computing environments, all aspects of the Federal Risk and Authorization Management Program (FedRAMP) process, and steps for cost-effectively implementing the Assessment and Authorization (A&A) process, as well as strategies for implementing Continuous Monitoring, enabling the Cloud Service Provider to address the FedRAMP requirement on an ongoing basis. This updated edition will cover the

latest changes to FedRAMP program, including clarifying guidance on the paths for Cloud Service Providers to achieve FedRAMP compliance, an expanded discussion of the new FedRAMP Security Control, which is based on the NIST SP 800-53 Revision 4, and maintaining FedRAMP compliance through Continuous Monitoring. Further, a new chapter has been added on the FedRAMP requirements for Vulnerability Scanning and Penetration Testing. Provides a common understanding of the federal requirements as they apply to cloud computing Offers a targeted and cost-effective approach for applying the National Institute of Standards and Technology (NIST) Risk Management Framework (RMF) Features both technical and non-technical perspectives of the Federal Assessment and Authorization (A&A) process that speaks across the organization
