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Record Nr.	UNISA996386677303316
Autore	Chevreau Urbain <1613-1701.>
Titolo	The great Scanderberg [[electronic resource]] : a novel / / done out of French
Pubbl/distr/stampa	London, : Printed for R. Bentley ..., 1690
Descrizione fisica	142 p
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Translation of the author's Scanderberg.
	Imperfect: cropped, stained, and tightly bound, with loss of print.
	Reproduction of original in the Harvard University Library.
Sommario/riassunto	eebo-0062

Record Nr.	UNINA9910983033903321
Autore	Patni Sakshi
Titolo	Resource Management in Cloud Computing : Concepts and Implementation / / by Sakshi Patni, Deepika Saxena, Ashutosh Kumar Singh
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031830532 3031830539
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (266 pages)
Altri autori (Persone)	SaxenaDeepika SinghAshutosh Kumar
Disciplina	004.6782
Soggetti	Cloud computing Computer networks Cloud Computing Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Task Scheduling -- Resource Allocation Methods -- Dynamic Resource Allocation Models -- Secure Cloud Resource Management -- Heuristic Models for Optimal Host Selection -- Secure and Energy efficient Cloud Traffic Management Schemes -- Data Security and Leakage Detection Models -- Conclusion and Future Trends.
Sommario/riassunto	This book addresses fundamental concepts and practical implementations in cloud computing environments, focusing on load balancing and resource management. As cloud computing's popularity grows, expertise in infrastructure management is crucial for delivering flawless subscription-based services and hosted data solutions. The book presents novel models for cloud resource management to improve operational efficiency through better virtual machine (VM) placements. Beginning with task scheduling and resource allocation basics, the book progresses to resource management concepts. It introduces innovative models for dynamic resource allocation, heuristic approaches for optimal host selection, secure resource management

frameworks, multi-objective VM allocation schemes, and data security models. A significant contribution is an effective model integrating load balancing, resource management, Quality of Service (QoS), security, and cloud performance for Infrastructure as a Service (IaaS). The book offers innovative methodologies for dynamic resource allocation and service administration in cloud datacenters. It presents traffic management techniques to reduce energy consumption, improve resource utilization, and enhance security through optimized VM placement, with experimental validation. These models improve response time, throughput, resource utilization, energy consumption, and failure node management. Security is addressed through secure VM placement strategies, making it harder for attackers to achieve co-tenancy. A multi-objective approach for secure load balancing optimizes multiple conflicting objectives simultaneously. The book includes cyber-threat countermeasures and provides recommendations for organizations and users. Suitable for senior undergraduate and graduate courses in cloud computing, resource allocation, security, and energy consumption methods, the book includes examples and tutorials using Cloudsim tools for beginners. This helps them understand virtual infrastructure and service design. The methodologies benefit both cloud service providers and customers, offering cost-effective solutions for revenue maximization. The comprehensive approach makes the book valuable for academic study and practical application in cloud computing environments.