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Cloud Computing Advancements in Design, Implementation, and Technologies

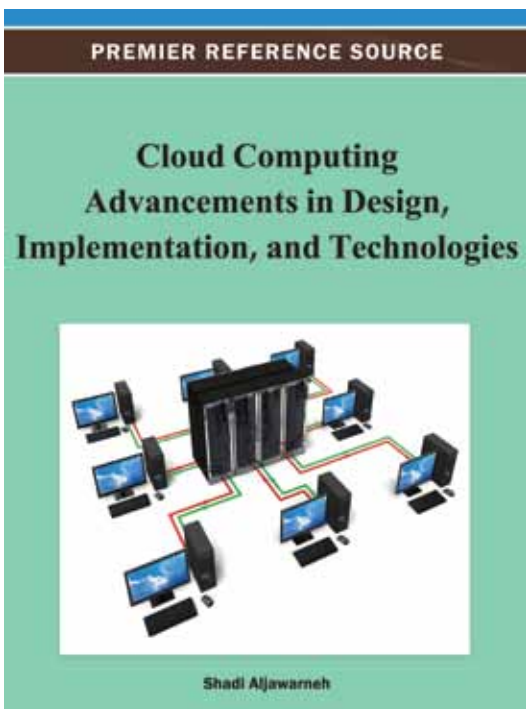
Shadi Aljawarneh (Isra University, Jordan)

Cloud computing has revolutionized computer systems, providing greater dynamism and flexibility to a variety of operations. It can help businesses quickly and effectively adapt to market changes, and helps promote users' continual access to vital information across platforms and devices.

Cloud Computing Advancements in Design, Implementation, and Technologies outlines advancements in the state-of-the-art, standards, and practices of cloud computing, in an effort to identify emerging trends that will ultimately define the future of the cloud. A valuable reference for academics and practitioners alike, this title covers topics such as virtualization technology, utility computing, cloud application services (SaaS), grid computing, and services computing.

Topics Covered:

- Intrusion Detection and Response
- Service Level Scalability
- Developments in Data Computing
- Software as a Service (SaaS)
- Private and Public Clouds
- Cloud Security Engineering
- Cloud Computing Technologies
- Cloud Enterprise Architectures
- Green Cloud Computing
- Cloud Platform Services



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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Shadi Aljawarneh is a researcher and an assistant professor, Software Engineering, at Isra University. He holds a BSc degree in Computer Science from Jordan Yarmouk University, a MSc degree in Information Technology from Western Sydney University and a PhD in Software Engineering from Northumbria University-England. He is currently assistant professor in faculty of IT in Isra University, Jordan, where he has worked since 2008. His research is centered in web and network security, e-learning, bioinformatics, Cloud Computing and ICT fields. Aljawarneh has presented at and been on the organizing committees for a number of international conferences and is a board member of the International Community for ACM, Jordan ACM Chapter, ACS, and others. A number of his papers have been selected as "Best Papers" in conferences and journals.



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