

# Advanced Research on Cloud Computing Design and Applications

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing (ASASEHPC) Book Series

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## Description:

Modern society requires a specialized, persistent approach to IT service delivery. Cloud computing offers the most logical answer through a highly dynamic and virtualized resource made available by an increasing number of service providers.

**Advanced Research on Cloud Computing Design and Applications** shares the latest high quality research results on cloud computing and explores the broad applicability and scope of these trends on an international scale, venturing into the hot-button issue of IT services evolution and what we need to do to be prepared for future developments in cloud computing.

This publication features chapters covering a broad range of relevant topics, including cloud computing for e-government, cloud computing in the public sector, security in the cloud, hybrid clouds and outsourced data, IT service personalization, and supply chain in the cloud.

## Readers:

This book is an essential reference source for researchers and practitioners in the field of cloud computing, as well as a guide for students, academics, or anyone seeking to learn more about advancement in IT services.

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## Topics Covered:

- Bring Your Own Device (BYOD)
- Cloud Computing in the Public Sector
- Cloud Security
- Data Intensive Cloud Computing
- Hybrid Clouds and Outsourced Data
- IT Service Personalization
- Multi-Cloud Systems
- Supply Chain in the Cloud

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