
Enterprise Hybrid Cloud Computing

Hybrid Cloud Event Integration: Integrate Your Enterprise and Cloud with Bluemix Integration Services
Proceedings of International Conference on Cloud Computing and eGovernance (ICCCEG 2012)
Cloud Computing For Dummies
Cloud Computing for Enterprise Architectures
The Imperative Venture For Every Enterprise
A look at the history of cloud computing by Cohesive Networks team, industry experts, and early adopters.
Cloud Computing Business in Saudi Arabia
Accelerating Cloud Adoption
To the Cloud: Cloud Powering an Enterprise
A Strategy Guide for Business and Technology Leaders-- and the Rest of Us
Distributed Computing Innovations for Business, Engineering, and Science
Proven Strategies for Transforming Your Organization with the Cloud
Build cloud strategies that align technology and economics while effectively managing risk
Best Practices for Transforming Legacy IT
Discover Oracle's Hidden Gems for Next Generation Database and Application Migrations (English Edition)
Enterprise Cloud epUB _1
A practical guide to effectively designing enterprise-grade solutions with OCI services
Concepts and Practices
Executive's Guide to Cloud Computing
The Enterprise Cloud
Cloud Computing... Commoditizing IT
Briggs
Cloud Enterprise Architecture
Cloud Technology: Concepts, Methodologies, Tools, and Applications
Cloud Security and Privacy
Cloud Without Compromise

Efficiently set data protection and privacy principles
Rethinking Enterprise Storage
Hybrid Mobile-cloud Computing
The Software Architect Elevator
Modernizing Enterprise Java
Concepts, Methodologies, Tools, and Applications
Fundamentals to Design, Build, and Manage Cloud Applications
The Cloud Adoption Playbook
Framework for adopting hybrid cloud computing
Cloud Without Compromise
First International Conference on Digital Image Processing and Pattern Recognition, DPPR 2011, Tirunelveli, Tamil Nadu, India, September 23-25, 2011, Proceedings
Driving the Future of Enterprise Mobility
A Hybrid Cloud Model
Advances in Digital Image Processing and Information Technology

*Enterprise Hybrid Cloud
Computing*

Downloaded from
blog.gmercyyu.edu by guest

ISRAEL TRINITY

*Hybrid Cloud Event Integration: Integrate
Your Enterprise and Cloud with Bluemix
Integration Services IBM Redbooks*

For the past two decades, organizations have been building out local area networks (LANs) and corporate datacenters, however with the proliferation of the “cloud”, organizations now have the choice of leveraging cloud-based

resources to host their systems and applications. While small businesses may be able to put “everything” up in the cloud, larger enterprises will likely remain in a hybrid model for a while, with some I.T. resources remaining on-premise, and other I.T. resources being situated in the cloud. Microsoft announced their “CloudOS” strategy where the Windows Server operating system they've had for years has been optimized to run both on-premise and in the cloud. Additionally, Microsoft now provides organizations the

ability to “stretch” their on-premise datacenters to include cloud-based resources, and manage the cloud services as if they were a direct extension of the organization's internal network. In this book, Microsoft experts Rand Morimoto, Chris Amaris, and Guy Yardeni share new world I.T. strategies how organizations are creating hybrid datacenter networks, how Windows Server systems on-premise can be replicated to guest sessions in Windows Azure in the cloud, and where Microsoft's System Center management tools fit in to

managing the Hybrid Datacenter environment.

Proceedings of International Conference on Cloud Computing and eGovernance (ICCCEG 2012) Packt Publishing Ltd

Many companies claim to have "gone to the cloud," yet returns from their efforts are meager, and sometimes worse. Why? Because they've defined cloud as a destination, not a capability. Using cloud as a single-vendor, one-stop destination is fiction; in practice, you'll require a mosaic of capabilities across several vendors. Your data strategy needs to follow a hybrid multicloud model, one that delivers cloud's value at destinations you choose. This practical guide from IBM experts provides business leaders and C-level executives with guidelines from Agile development, microservices, and open source solutions--including pro tips for strengthening operations along the way. Apply in-the-field best practices and lessons learned as you define your hybrid cloud strategy and drive your company's transformation strategy. This book gets you started. Learn cloud fundamentals and patterns, including basic concepts and history Get a framework for cloud

maturation phases to value-plot your cloud future Know which questions to ask about a cloud provider before you sign Discover potential pitfalls for everything from the true cost of your cloud solution to adopting open source the right way See how IBM infrastructure can boost your cloud journey

Cloud Computing For Dummies Springer

The essential roadmaps for enterprise cloud adoption As cloud technologies continue to challenge the fundamental understanding of how businesses work, smart companies are moving quickly to adapt to a changing set of rules. Adopting the cloud requires a clear roadmap backed by use cases, grounded in practical real-world experience, to show the routes to successful adoption. The Cloud Adoption Playbook helps business and technology leaders in enterprise organizations sort through the options and make the best choices for accelerating cloud adoption and digital transformation. Written by a team of IBM technical executives with a wealth of real-world client experience, this book cuts through the hype, answers your questions, and helps you tailor your cloud adoption and digital transformation

journey to the needs of your organization. This book will help you: Discover how the cloud can fulfill major business needs Adopt a standardized Cloud Adoption Framework and understand the key dimensions of cloud adoption and digital transformation Learn how cloud adoption impacts culture, architecture, security, and more Understand the roles of governance, methodology, and how the cloud impacts key players in your organization. Providing a collection of winning plays, championship advice, and real-world examples of successful adoption, this playbook is your ultimate resource for making the cloud work. There has never been a better time to adopt the cloud. Cloud solutions are more numerous and accessible than ever before, and evolving technology is making the cloud more reliable, more secure, and more necessary than ever before. Don't let your organization be left behind! The Cloud Adoption Playbook gives you the essential guidance you need to make the smart choices that reduce your organizational risk and accelerate your cloud adoption and digital transformation.

Cloud Computing for Enterprise

Architectures IGI Global

Both enterprise and consumer cloud adoption will lead the market into new realms. From the “cloud to the ground,” each chapter of our ebook looks back at the short history of cloud computing from the early stages of far off clouds, through the gathering clouds that turned into fog. Today that fog is shifting, and beginning to rain down the first drops of change. We sifted through our blog posts from 2006 onward to present a reflection of our thoughts at the time. Interspersed with each chapter are new, exclusive insights from friends, colleagues, and customers we met along the journey. Big thanks to our contributors: Fred Hoch, Edmund Sutcliffe, Krishnan Subramanian, James Elwood, Chad Lawler, and Patricia Seybold. Thank you to those who gladly let us share their works from over the years: Jeff Barr, Eric Knorr, James Governor, Chris Purrington, Chris Hoff, and Chris Swan. *The Imperative Venture For Every Enterprise* "O'Reilly Media, Inc." The on-demand availability of computer system resources without direct active management by the user is known as cloud computing. It is usually used to refer

to the data centers, which are available over the Internet to many users. A few major types of clouds are enterprise clouds, public clouds and hybrid cloud. Enterprise clouds, also called private clouds, are usually limited to a single organization while public clouds are available to many organizations. A hybrid cloud is a cloud computing service, which is made up of a fusion of public, private and community cloud services. Cloud computing majorly relies on sharing of resources to achieve economies of scale and coherence. Cloud computing is an upcoming field of science that has undergone rapid development over the past few decades. Different approaches, concepts and technologies related to this field have been included in this book. It will serve as a reference to a broad spectrum of readers.

A look at the history of cloud computing by Cohesive Networks team, industry experts, and early adopters. The Enterprise CloudBest Practices for Transforming Legacy IT This book constitutes the refereed proceedings of the First International Conference on Digital Image Processing

and Pattern Recognition, DPPR 2011, held in Tirunelveli, India, in September 2011. The 48 revised full papers were carefully reviewed and selected from about 400 submissions. The conference brought together leading researchers, engineers and scientists in the domain of Digital Image Processing and Pattern Recognition. The papers cover all theoretical and practical aspects of the field and present new advances and current research results in two tracks, namely: digital image processing and pattern recognition, and computer science, engineering and information technology.

Cloud Computing Business in Saudi Arabia McGraw Hill Professional

Many companies move workloads to the cloud only to encounter issues with legacy processes and organizational structures. How do you design new operating models for this environment? This practical book shows IT managers, CIOs, and CTOs how to address the hardest part of any cloud transformation: the people and the processes. Author Mike Kavis (Architecting the Cloud) explores lessons learned from enterprises in the midst of cloud transformations. You’ll learn how to

rethink your approach from a technology, process, and organizational standpoint to realize the promise of cost optimization, agility, and innovation that public cloud platforms provide. Learn the difference between working in a data center and operating in the cloud Explore patterns and anti-patterns for organizing cloud operating models Get best practices for making the organizational change required for a move to the cloud Understand why site reliability engineering is essential for cloud operations Improve organizational performance through value stream mapping

Accelerating Cloud Adoption GRIN Verlag

A comprehensive innovative product handbook for managers designing and deploying enterprise business solutions. **KEY FEATURES** ● Covers proven technical approaches in migrating your enterprise systems to Oracle Cloud Computing. ● A handbook for decision-makers on using Oracle Product Suite for digital transformation. ● Understand the Oracle product benefits and leveraging capital investment to avail great measurable ROI and TCO. **DESCRIPTION** The Oracle

Enterprise Architecture Framework emerges from the on-site legacy to current cloud native and is called Modern Oracle Enterprise Architecture. It aims to clear the path for critical business application workloads in the field of database and the application architecture to hybrid and cloud applications. This is a very handy book for chief decision-makers and professional cloud solution engineers. As the current cloud computing services are agile and pay-as-you-go (PAYG) based subscription including multi-year cost model thus a more agile approach is covered throughout the book. This book will help readers to achieve their database and application system solution architecture career objectives more quickly without spending years. The readers can prevent committing errors, recovering from them, and learning things the hard way. This book lists critical attributes and methods to develop, including improvement of business-friendly case formulation. It also includes the development of a solution approach in creative and innovative technological breakthroughs developed by product companies over the last three decades.

WHAT YOU WILL LEARN ● 360-degree view of Oracle database and application products. ● Transition to hybrid cloud identity services via Oracle Identity Cloud platform. ● Understand and implement Oracle accessibility and architecture observability. ● Get to know the benefits of leveraging Oracle Autonomous Shared and dedicated services. ● Manage, automate, and upgrade the cloud databases using Oracle fleet management. ● Automate sitewide failover and switchover operations using Oracle siteguard. **WHO THIS BOOK IS FOR** This book is for decision-makers, business architects, system development teams, technological professionals and product teams who want to use the Oracle stack's hidden capabilities to develop, manage and keep enhancing enterprise systems. **TABLE OF CONTENTS** 01. Artificial Intelligence for Cloud Computing 02. Business Benefits of Migrating and Operating on Oracle Cloud 03. Move and Optimize the Cost for Oracle E-Business Suite on Cloud Compute 04. Contemplating IaaS, PaaS, and SaaS Migration for On-Premise Legacy Systems 05. Oracle Autonomous Dedicated for

Oracle E-Business Suite Customers 06. Benefits of Oracle PeopleSoft with Autonomous Database Dedicated and Shared 07. Oracle Autonomous Dedicated for Oracle E-Business Suite Customers 08. Oracle Agile Maximum-Security Architecture (AMSA) 09. Agile Accessibility and Observability Architecture Agile AOA (AAOA) 10. Fleet Management for On-Premises and Cloud (DBaaS and IaaS) Database Stack 11. Identity transition from Identity Manager (IDM) to Universal Directory (OUD) and Identity Cloud Suite 12. Decision Analysis Resolution (DAR) for Oracle E-Business Suite on Cloud Compute 13. Hidden Jewel on Oracle Crown. Oracle Enterprise Manager Site Guard Use Cases: 14. Case Study One Oracle E-Business Suite Migration to OCI with Business Continuity Site 15. Case Study Two. Oracle E-Business Suite Migration to OCI with Business Continuity Site 16. Case Study Three. Oracle Universal Directory Installation and Configuration

To the Cloud: Cloud Powering an Enterprise John Wiley & Sons

Despite the buzz surrounding the cloud computing, only a small percentage of organizations have actually deployed this

new style of IT{u2014}so far. If you're planning your long-term cloud strategy, this practical book provides insider knowledge and actionable real-world lessons regarding planning, design, operations, security, and application transformation. This book teaches business and technology managers how to transition their organization's traditional IT to cloud computing. Rather than yet another book trying to sell or convince readers on the benefits of clouds, this book provides guidance, lessons learned, and best practices on how to design, deploy, operate, and secure an enterprise cloud based on real-world experience. Author James Bond provides useful guidance and best-practice checklists based on his field experience with real customers and cloud providers. You'll view cloud services from the perspective of a consumer and as an owner/operator of an enterprise private or hybrid cloud, and learn valuable lessons from successful and less-than-successful organization use-case scenarios. This is the information every CIO needs in order to make the business and technical decisions to finally execute on their journey to cloud computing. Get

updated trends and definitions in cloud computing, deployment models, and for building or buying cloud services Discover challenges in cloud operations and management not foreseen by early adopters Use real-world lessons to plan and build an enterprise private or hybrid cloud Learn how to assess, port, and migrate legacy applications to the cloud Identify security threats and vulnerabilities unique to the cloud Employ a cloud management system for your enterprise (private or multi-provider hybrid) cloud ecosystem Understand the challenges for becoming an IT service broker leveraging the power of the cloud.

A Strategy Guide for Business and Technology Leaders-- and the Rest of Us "O'Reilly Media, Inc."

Your organization can save and thrive in the cloud with this first non-technical guide to cloud computing for business leaders In less than a decade Google, Amazon, and Salesforce.com went from unknown ideas to powerhouse fixtures in the economic landscape; in even less time offerings such as LinkedIn, Youtube, Facebook, Twitter and many others also carved out important roles; in less than

five years Apple's iTunes became the largest music retailer in North America. They all share one key strategic decision – each of these organizations chose to harness the power of cloud computing to power their drives to dominance. With roots in supercomputing and many other technical disciplines, cloud computing is ushering in an entirely new economic reality – technology-enabled enterprises built on low cost, flexible, and limitless technical infrastructures. The Executive's Guide to Cloud Computing reveals how you can apply the power of cloud computing throughout your enterprise, giving members of the C-suite a detailed look at: Why cloud computing must be a top priority on your company's IT roadmaps How the drive for scale, lower costs and greater agility is making cloud computing a fiscal and technological imperative The relationship between cloud computing and other relevant IT initiatives The strategic implications of cloud computing for the enterprise Where to begin and how to get started integrating cloud computing into your existing operations Now you can harness cloud computing's potential for your

organization. Executive's Guide to Cloud Computing shows you how.

Distributed Computing Innovations for Business, Engineering, and Science Springer

Build a resilient cloud architecture to tackle data disasters with ease Key Features Gain a firm grasp of Cloud data security and governance, irrespective of your Cloud platform Practical examples to ensure you secure your Cloud environment efficiently A step-by-step guide that will teach you the unique techniques and methodologies of Cloud data governance Book Description Modern day businesses and enterprises are moving to the Cloud, to improve efficiency and speed, achieve flexibility and cost effectiveness, and for on-demand Cloud services. However, enterprise Cloud security remains a major concern because migrating to the public Cloud requires transferring some control over organizational assets to the Cloud provider. There are chances these assets can be mismanaged and therefore, as a Cloud security professional, you need to be armed with techniques to help businesses minimize the risks and misuse

of business data. The book starts with the basics of Cloud security and offers an understanding of various policies, governance, and compliance challenges in Cloud. This helps you build a strong foundation before you dive deep into understanding what it takes to design a secured network infrastructure and a well-architected application using various security services in the Cloud environment. Automating security tasks, such as Server Hardening with Ansible, and other automation services, such as Monit, will monitor other security daemons and take the necessary action in case these security daemons are stopped maliciously. In short, this book has everything you need to secure your Cloud environment with. It is your ticket to obtain industry-adopted best practices for developing a secure, highly available, and fault-tolerant architecture for organizations. What you will learn Configure your firewall and Network ACL Protect your system against DDOS and application-level attacks Explore cryptography and data security for your cloud Get to grips with configuration management tools to automate your

security tasks Perform vulnerability scanning with the help of the standard tools in the industry Learn about central log management Who this book is for If you are a Cloud security professional who wants to ensure Cloud security and data governance irrespective of the environment, then this book is for you. Basic understanding of working on any Cloud platforms is beneficial.

Proven Strategies for Transforming Your Organization with the Cloud

O'Reilly Media

"Provides strategic insights, describes the breakout business models, and offers the planning and implementation guidance business and technology leaders need to chart their course ahead." - cover.

Build cloud strategies that align technology and economics while effectively managing risk Springer Science & Business Media

Science & Business Media

The easy way to understand and implement cloud computing technology written by a team of experts Cloud computing can be difficult to understand at first, but the cost-saving possibilities are great and many companies are getting on board. If you've been put in charge of

implementing cloud computing, this straightforward, plain-English guide clears up the confusion and helps you get your plan in place. You'll learn how cloud computing enables you to run a more green IT infrastructure, and access technology-enabled services from the Internet ("in the cloud") without having to understand, manage, or invest in the technology infrastructure that supports them. You'll also find out what you need to consider when implementing a plan, how to handle security issues, and more. Cloud computing is a way for businesses to take advantage of storage and virtual services through the Internet, saving money on infrastructure and support This book provides a clear definition of cloud computing from the utility computing standpoint and also addresses security concerns Offers practical guidance on delivering and managing cloud computing services effectively and efficiently Presents a proactive and pragmatic approach to implementing cloud computing in any organization Helps IT managers and staff understand the benefits and challenges of cloud computing, how to select a service, and

what's involved in getting it up and running Highly experienced author team consults and gives presentations on emerging technologies Cloud Computing For Dummies gets straight to the point, providing the practical information you need to know.

Best Practices for Transforming Legacy IT IBM Redbooks

Use a Hybrid Cloud solution - combining cloud storage with on-premise storage - and help dramatically decrease costs while increasing scalability and agility. This book offers focused, concise insights on technical considerations, benefits, and tradeoffs, so you can begin planning for implementation. Explains, in both practical and strategic terms, how a new enterprise storage model can solve multiple challenges Delivers focused insights on architecture, access, backups, snapshots, data redundancy as a service, dedupes, capacity, data lifecycles, storage tiering, archiving, externalized blobs, storage consolidation, compression, bandwidth, and privacy and security planning The author is an expert for cloud storage technologies and is well known in the networking technologies community

Discover Oracle's Hidden Gems for Next Generation Database and Application Migrations (English Edition) "O'Reilly Media, Inc."

Cloud Enterprise Architecture examines enterprise architecture (EA) in the context of the surging popularity of Cloud computing. It explains the different kinds of desired transformations the architectural blocks of EA undergo in light of this strategically significant convergence. Chapters cover each of the contributing architectures of EA—business, information, application, integration, security, and technology—illustrating the current and impending implications of the Cloud on each. Discussing the implications of the Cloud paradigm on EA, the book details the perceptible and positive changes that will affect EA design, governance, strategy, management, and sustenance. The author ties these topics together with chapters on Cloud integration and composition architecture. He also examines the Enterprise Cloud, Federated Clouds, and the vision to establish the InterCloud. Laying out a comprehensive strategy for planning and executing Cloud-inspired transformations,

the book: Explains how the Cloud changes and affects enterprise architecture design, governance, strategy, management, and sustenance Presents helpful information on next-generation Cloud computing Describes additional architectural types such as enterprise-scale integration, security, management, and governance architectures This book is an ideal resource for enterprise architects, Cloud evangelists and enthusiasts, and Cloud application and service architects. Cloud center administrators, Cloud business executives, managers, and analysts will also find the book helpful and inspirational while formulating appropriate mechanisms and schemes for sound modernization and migration of traditional applications to Cloud infrastructures and platforms.

Enterprise Cloud epUB _1 CRC Press
The current work provides CIOs, software architects, project managers, developers, and cloud strategy initiatives with a set of architectural patterns that offer nuggets of advice on how to achieve common cloud computing-related goals. The cloud computing patterns capture knowledge and experience in an abstract format that is independent of concrete vendor

products. Readers are provided with a toolbox to structure cloud computing strategies and design cloud application architectures. By using this book cloud-native applications can be implemented and best suited cloud vendors and tooling for individual usage scenarios can be selected. The cloud computing patterns offer a unique blend of academic knowledge and practical experience due to the mix of authors. Academic knowledge is brought in by Christoph Fehling and Professor Dr. Frank Leymann who work on cloud research at the University of Stuttgart. Practical experience in building cloud applications, selecting cloud vendors, and designing enterprise architecture as a cloud customer is brought in by Dr. Ralph Retter who works as an IT architect at T-Systems, Walter Schupeck, who works as a Technology Manager in the field of Enterprise Architecture at Daimler AG, and Peter Arbitter, the former head of T Systems' cloud architecture and IT portfolio team and now working for Microsoft. Voices on Cloud Computing Patterns Cloud computing is especially beneficial for large companies such as Daimler AG.

Prerequisite is a thorough analysis of its impact on the existing applications and the IT architectures. During our collaborative research with the University of Stuttgart, we identified a vendor-neutral and structured approach to describe properties of cloud offerings and requirements on cloud environments. The resulting Cloud Computing Patterns have profoundly impacted our corporate IT strategy regarding the adoption of cloud computing. They help our architects, project managers and developers in the refinement of architectural guidelines and communicate requirements to our integration partners and software suppliers. Dr. Michael Gorriz - CIO Daimler AG Ever since 2005 T-Systems has provided a flexible and reliable cloud platform with its "Dynamic Services". Today these cloud services cover a huge variety of corporate applications, especially enterprise resource planning, business intelligence, video, voice communication, collaboration, messaging and mobility services. The book was written by senior cloud pioneers sharing their technology foresight combining essential information and practical

experiences. This valuable compilation helps both practitioners and clients to really understand which new types of services are readily available, how they really work and importantly how to benefit from the cloud. Dr. Marcus Hacke - Senior Vice President, T-Systems International GmbH This book provides a conceptual framework and very timely guidance for people and organizations building applications for the cloud. Patterns are a proven approach to building robust and sustainable applications and systems. The authors adapt and extend it to cloud computing, drawing on their own experience and deep contributions to the field. Each pattern includes an extensive discussion of the state of the art, with implementation considerations and practical examples that the reader can apply to their own projects. By capturing our collective knowledge about building good cloud applications and by providing a format to integrate new insights, this book provides an important tool not just for individual practitioners and teams, but for the cloud computing community at large. Kristof Kloeckner - General Manager, Rational Software, IBMSoftware

Group

A practical guide to effectively designing enterprise-grade solutions with OCI services "O'Reilly Media, Inc."

Despite the buzz surrounding the cloud computing, only a small percentage of organizations have actually deployed this new style of IT—so far. If you're planning your long-term cloud strategy, this practical book provides insider knowledge and actionable real-world lessons regarding planning, design, operations, security, and application transformation. This book teaches business and technology managers how to transition their organization's traditional IT to cloud computing. Rather than yet another book trying to sell or convince readers on the benefits of clouds, this book provides guidance, lessons learned, and best practices on how to design, deploy, operate, and secure an enterprise cloud based on real-world experience. Author James Bond provides useful guidance and best-practice checklists based on his field experience with real customers and cloud providers. You'll view cloud services from the perspective of a consumer and as an owner/operator of an enterprise private or

hybrid cloud, and learn valuable lessons from successful and less-than-successful organization use-case scenarios. This is the information every CIO needs in order to make the business and technical decisions to finally execute on their journey to cloud computing. Get updated trends and definitions in cloud computing, deployment models, and for building or buying cloud services Discover challenges in cloud operations and management not foreseen by early adopters Use real-world lessons to plan and build an enterprise private or hybrid cloud Learn how to assess, port, and migrate legacy applications to the cloud Identify security threats and vulnerabilities unique to the cloud Employ a cloud management system for your enterprise (private or multi-provider hybrid) cloud ecosystem Understand the challenges for becoming an IT service broker leveraging the power of the cloud

Concepts and Practices John Wiley & Sons This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues.

As more organizations use cloud computing and cloud providers for data operations, the need for proper security in these and other potentially vulnerable areas has become a global priority for organizations of all sizes. Research efforts from academia and industry, as conducted and reported by experts in all aspects of security related to cloud computing, are gathered within one reference guide. Features • Covers patching and configuration vulnerabilities of a cloud server • Evaluates methods for data encryption and long-term storage in a cloud server • Demonstrates how to verify identity using a certificate chain and how to detect inappropriate changes to data or system configurations John R. Vacca is an information technology consultant and internationally known author of more than 600 articles in the areas of advanced storage, computer security, and aerospace technology. John was also a configuration management specialist, computer specialist, and the computer security official (CSO) for NASA's space station program (Freedom) and the International Space Station Program from 1988 until his retirement from NASA in 1995.

Executive's Guide to Cloud Computing

BPB Publications

Doctoral Thesis / Dissertation from the year 2014 in the subject Computer Science - Commercial Information Technology, grade: 4.5, Egerton University, language: English, abstract: Cloud computing has 3 primary service models including SaaS, IaaS and PaaS, which are classified depending on the level for which a service user interacts with the service provider's systems in accessing memory, processing power and storage. Deployment models of cloud computing include hybrid, community, public and private clouds depending on the approach to hosting and the number of clients sharing a resource. Due to the prohibitive nature of private cloud computing and requirement for specialized systems in community clouds, the most suitable approach to cloud computing for small and medium enterprises is public cloud computing. In this regard, this study was aimed at determining the extent to which implementation of public cloud computing by enterprise companies is feasible. Due to the cultural and the absence of law in Saudi Arabia ensuring

the protection of data in the cloud, challenges in implementing cloud computing in the country are related to adherence to the data governance structure. For instance, privacy and security are important for enterprise companies since the local culture values the safeguarding of family and individual information. In addition, information transferred through the cloud system must adhere to the conservative philosophy and data privacy, which limits the level of compatibility in cloud computing between Saudi Arabia and the western world. Since most service providers are based in the west, companies have to identify a service provider that tailors its products to suit the market in Saudi Arabia. Therefore, implementation of public cloud computing in Saudi Arabia is feasible as long as companies select a service provider with a positive reputation, limit posting of sensitive information to the cloud server, and implement cloud computing gradually to avert the possibility of complete failure. This study determined that SaaS cloud computing is feasible for enterprise companies in Saudi Arabia, but further study is required to examine the feasibility

of IaaS and PaaS. In addition, a larger study should be done to collect quantitative data to determine the implications of cloud computing in a representative sample. The Enterprise Cloud O'Reilly Media Master's Thesis from the year 2011 in the subject Engineering - Industrial Engineering and Management, grade: 1, Vienna University of Technology, course: Business Engineering and Computer Science, language: English, abstract: Climate change and the impact it has on our lives have forced many governmental and also non-governmental organizations to conceive of new rules, regulations, and standards to control CO₂ and greenhouse gas (GHG) emissions. Calculating the energy efficiency and reducing the electricity consumption in data centers are important steps towards greening the IT in organizations. Several studies have shown that by migrating into the cloud, companies in most cases could reduce their costs in addition to decreasing their greenhouse gas emissions. Unfortunately, lack of guidelines and varying and limited services from different cloud providers,

have made the adoption of appropriate Cloud services a challenge for many organizations. In this regard, there is a vital need to study and analyze available services from different cloud vendors and provide enterprises with the best solutions available regarding their specific business requirements. This thesis focuses on cloud computing and its efficiency for individual organizations. It attempts to study the potential benefits of cloud computing by taking the environmental and energy consumption advantages into consideration. Cloud Computing is not a new concept and has been a hype term in recent years. Cloud computing is based on the available technologies and it is all about using a new term for the existing technologies. But the question is why to create a new name for what already exists? The answer to this question is closely related to the potential that Cloud computing has for organizations. It is all about conversion of capital expenditure (CAPEX) to the operational expenditure (OPEX) and the possible advantages that this conversion could have for any organization that chooses to migrate into the Cloud.

Related with Enterprise Hybrid Cloud Computing:

- Sir Alec Jeffreys Contribution To Forensic Science : [click here](#)