

# Ethiopia Cloud Storage

The two volumes IFIP AICT 551 and 552 constitute the refereed proceedings of the 15th IFIP WG 9.4 International Conference on Social Implications of Computers in Developing Countries, ICT4D 2019, held in Dar es Salaam, Tanzania, in May 2019. The 97 revised full papers and 2 short papers presented were carefully reviewed and selected from 185 submissions. The papers present a wide range of perspectives and disciplines including (but not limited to) public administration, entrepreneurship, business administration, information technology for development, information management systems, organization studies, philosophy, and management. They are organized in the following topical sections: communities, ICT-enabled networks, and development; digital platforms for development; ICT for displaced population and refugees. How it helps? How it hurts?; ICT4D for the indigenous, by the indigenous and of the indigenous; local technical papers; pushing the boundaries - new research methods, theory and philosophy in ICT4D; southern-driven human-computer interaction; sustainable ICT, informatics, education and learning in a turbulent world - "doing the safari way".

While everybody recognizes the development challenges facing Sub-Saharan Africa, few have put together coherent plans that offer real hope for any feasible and general improvement. Facing Forward combines an evidence-based plan that not only

## Access Free Ethiopia Cloud Storage

recognizes the deep problems but provides specific prescriptions for dealing with the problems. In the simplest version, focus on the skills of the people and do it in a rational and achievable manner. †“ Eric Hanushek, Paul and Jean Hanna Senior Fellow, Hoover Institute, Stanford University This book offers a clear perspective on how to improve learning in basic education in Sub-Saharan Africa, based on extremely rigorous and exhaustive analysis of a large volume of data. The authors shine a light on the low levels of learning and on the contributory factors. They have not hesitated to raise difficult issues, such as the need to implement a consistent policy on the language of instruction, which is essential to ensuring the foundations of learning for all children. Using the framework of “From Science to Service Delivery,†? the book urges policy makers to look at the entire chain from policy design, informed by knowledge adapted to the local context, to implementation. Facing Forward: Schooling for Learning in Africa is a unique addition to the literature that is relevant for African policy makers and stakeholders. †“ Professor Hassana Alidou, Ambassador of the Republic of Niger to the United States and Canada As the continent gears itself up to provide universal basic education to all its children by 2030, it has to squarely address the challenge of how to improve learning. Facing Forward helps countries to benchmark themselves against each other and to identify concrete lines of action. It forces policy makers to think “where do I go from here?†? “what do I do differently?†? and to examine the hierarchy of interventions that can boost learning. It rightly urges Ministries of Education to build

## Access Free Ethiopia Cloud Storage

capacity through learning by doing and continuous adaptation of new knowledge to the local context. Facing Forward will unleash frank conversations about the profound reforms that are required in education policy and service delivery to ensure learning for every child on the continent. †“ Dr. Fred Matiang’I, Cabinet Secretary for the Interior and Coordination of National Government, Government of Kenya (former Cabinet Secretary for Education) Facing Forward couldn’t have come at a more opportune time as countries in the region, including Mauritius, focus more on learning outcomes rather than simply on inputs and processes in education systems. The book underscores the important point that African countries need not exclusively model themselves on high-performing education systems in the world. Much can as well be learnt from other countries at the same level of development, or lower, by virtue of the challenges they have faced and successfully overcome. This presents opportunities for greater peer-sharing and networking with these countries. Indeed a number of key focus areas are highlighted in the book that demonstrate good practices worthy of being emulated. These cover domains as diverse as enabling factors leading to improved student progression, strengthened teacher capacity, increased budgetary allocation with a focus on quality, as well as improved technical capacity of implementing agencies in the region. †“ Hon. (Mrs.) Leela Devi Dookun-Luchoomun, Minister of Education and Human Resources, Tertiary Education and Scientific Research, Republic of Mauritius "People have been curious for many centuries about Ethiopia's stories left in stone.

## Access Free Ethiopia Cloud Storage

Recent archaeology is uncovering some fascinating answers. South of Axum, visitors can see the quarry where the tall stones that decorated Axum were carved--and can also see the form of a lioness that some human (or maybe, according to legend, the Archangel Michael) scratched onto the rock thousands of years ago. In 2012, a British archaeologist working in Ethiopia crawled under a stone carved with a sun and crescent moon, the and found a gold mine with an inscription in Sabaeen, which, as she says, is "the language that the Queen of Sheba would have spoken." She adds, "The fact that we might have the Queen of Sheba's mines is extraordinary." In this book, you can see a few glimpses into some of the long stories of Ethiopia that are revealed in its cities and rural areas. An early-reader book in both English and Amharic."--Amazon.com.

Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service.

## Access Free Ethiopia Cloud Storage

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book *Learn Azure in a Month of Lunches, Second Edition*, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside

**Understanding Azure beyond point-and-click**  
**Securing applications and data**  
**Automating your environment**  
**Azure services for machine learning, containers, and more**

**About the reader** This book is for readers who can write and deploy simple web or client/server applications.

**About the author** Iain Foulds is an engineer and senior content developer with Microsoft.

**Table of Contents**

**PART 1 - AZURE CORE SERVICES**

1 Before you begin  
2 Creating a virtual machine  
3 Azure Web Apps  
4 Introduction to Azure Storage  
5 Azure Networking basics

**PART 2 - HIGH AVAILABILITY AND SCALE**

6 Azure Resource Manager  
7 High availability and redundancy  
8 Load-balancing applications  
9 Applications that scale  
10 Global databases with Cosmos DB  
11 Managing network traffic and routing  
12 Monitoring and troubleshooting

**PART 3 - SECURE BY DEFAULT**

13 Backup, recovery, and replication

## Access Free Ethiopia Cloud Storage

14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing

Omo Valley's tribes are under serious threat now the the Gibe III's Hydroelectric Dam been completed and could be a potential disaster for all inhabitants. Ingetje Tadros occupies a unique place in the world of social documentary photography, capturing the triumphs, tragedy and diversity of people's lives through her intuitive storytelling. Where the Wild Coffee Grows The Untold Story of Coffee from the Cloud Forests of Ethiopia to Your Cup Bloomsbury Publishing USA

Many rural Ethiopian homes rely on fires for light and heat when the sun goes down, which causes bothersome smoke and requires large quantities of firewood. Gathering firewood for home fires takes a heavy toll on Ethiopian women and forests alike. Author Caroline Kurtz grew up in Maji, Ethiopia, where women delivered babies by flashlight before she arranged for a solar light to illuminate the delivery room. Next she turned her efforts to the homes of Maji, which lies 80 miles beyond the national power grid. With the help of friends she began a nonprofit, Maji Development Coalition, which is installing solar powered lights in households in this gorgeous part of Ethiopia. Now children do their homework by the bright light of solar-powered electricity and their homes are filled with smoke-free air. Illustrated with beautifully detailed watercolor

## Access Free Ethiopia Cloud Storage

landscapes by Luz Adriana Montes de Oca. Side by side text in English and Ethiopian languages like Amharic, Tigrinya and Afaan Oromo help emerging bilingual readers develop fluency and vocabulary.

This IBM® Redbooks® publication provides information to help you with the sizing, configuration, and monitoring of hybrid cloud solutions using the transparent cloud tiering (TCT) functionality of IBM Spectrum™ Scale. IBM Spectrum Scale™ is a scalable data, file, and object management solution that provides a global namespace for large data sets and several enterprise features. The IBM Spectrum Scale feature called transparent cloud tiering allows cloud object storage providers, such as IBM Cloud™ Object Storage, IBM Cloud, and Amazon S3, to be used as a storage tier for IBM Spectrum Scale. Transparent cloud tiering can help cut storage capital and operating costs by moving data that does not require local performance to an on-premise or off-premise cloud object storage provider. Transparent cloud tiering reduces the complexity of cloud object storage by making data transfers transparent to the user or application. This capability can help you adapt to a hybrid cloud deployment model where active data remains directly accessible to your applications and inactive data is placed in the correct cloud (private or public) automatically through IBM Spectrum Scale policies. This publication is intended for IT architects, IT administrators, storage administrators, and those wanting to learn more about sizing, configuration, and monitoring of hybrid cloud solutions using IBM Spectrum Scale and transparent cloud

## Access Free Ethiopia Cloud Storage

tiering.

Essay from the year 2017 in the subject Instructor Plans: Computing / Data Processing / IT / Telecommunication, grade: 4, Addis Ababa University, language: English, abstract: The long way it comes, the dynamic change it has, the specialization and transparent nature of its services and the relative advantage it has over the previous computing technologies has provided, cloud computing has attained the maturity level and position where it is now. Security, privacy, trust and location risks are some of the factors that hinder the adoption of cloud computing and it is not well implemented in organizations of developing countries. But the adoption of cloud computing could transform the workflow of organizations to efficient, cost effective and manageable environment. To transform the current working environment to cloud computing environment, it needs to have a sound, comprehensive and agile adoption framework. Its room for keeping the computing and management of sensitive data and applications in house and going public for additional computing requirements, makes the hybrid cloud computing the best fit for construction companies. The proposed hybrid Cloud Computing Adoption framework can support construction companies to determine and understand the contexts they need to consider when adopting cloud computing. Primary and secondary data are used to develop the proposed adoption framework. On top of that, the National Cloud Computing Policy, Strategy and Roadmap of Ethiopia, Technological, Organizational and Environmental cloud adoption framework was used

## Access Free Ethiopia Cloud Storage

as a theoretical lens in the study. This paper is proposed to support informed judgment rather than strict robotic rule based implementation. The study findings are believed to help organizations and researchers to understand cloud computing adoption contexts, requirements, to measure their risk, to migrate their services to cloud from all types and to connect and integrate different services as a single system. Future direction and security concerns have been addressed in our framework.

LONGLISTED FOR THE WILLIAM HILL SPORTS BOOK OF THE YEAR AWARD 2021  
LONGLISTED FOR THE RSL ONDAATJE PRIZE 2021 'Inspiring' The Guardian  
'Excellent' Runner's World 'Fascinating' Publishers Weekly 'Brilliant' Ed Vaizey 'Through reading this book you will come to understand that the heart and soul of running are to be found in Ethiopia.' Haile Gebrselassie 'Engaging, warm and humane... A delight'  
TLS 'Full of wonderful insights and lessons from a world where the ability to run is viewed as something almost mysterious and magical.' Adharanand Finn, author of Running with the Kenyans 'Ethiopia is a place where I have been told that energy is controlled by angels and demons and where witchdoctors can help you to acquire another runner's power. It is a place where an anonymous runner in the forest told me, miming an imaginary scoreboard and with a completely straight face, that he had dreamt that he would run 10km in 25 minutes. It is a place where they tell me that the air at Mount Entoto will transform me into a 2.08 marathon runner. It is a place, in short, of wisdom and magic, where dreaming is still very much alive.' Why does it make sense

## Access Free Ethiopia Cloud Storage

to Ethiopian runners to get up at 3am to run up and down a hill? Who would choose to train on almost impossibly steep and rocky terrain, in hyena territory? And how come Ethiopian men hold six of the top ten fastest marathon times ever? Michael Crawley spent fifteen months in Ethiopia training alongside (and sometimes a fair way behind) runners at all levels of the sport, from night watchmen hoping to change their lives to world class marathon runners, in order to answer these questions. Follow him into the forest as he attempts to keep up and get to the heart of their success.

Cloud Storage Security: A Practical Guide introduces and discusses the risks associated with cloud-based data storage from a security and privacy perspective. Gain an in-depth understanding of the risks and benefits of cloud storage illustrated using a Use-Case methodology. The authors also provide a checklist that enables the user, as well as the enterprise practitioner to evaluate what security and privacy issues need to be considered when using the cloud to store personal and sensitive information.

Describes the history and the evolving nature of cloud storage and security Explores the threats to privacy and security when using free social media applications that use cloud storage Covers legal issues and laws that govern privacy, compliance, and legal responsibility for enterprise users Provides guidelines and a security checklist for selecting a cloud-storage service provider Includes case studies and best practices for securing data in the cloud Discusses the future of cloud computing

"Describes the geography, history, economy, and culture of Ethiopia in a question-and-

## Access Free Ethiopia Cloud Storage

answer format"--Provided by publisher.

Big data has presented a number of opportunities across industries. With these opportunities come a number of challenges associated with handling, analyzing, and storing large data sets. One solution to this challenge is cloud computing, which supports a massive storage and computation facility in order to accommodate big data processing. *Managing and Processing Big Data in Cloud Computing* explores the challenges of supporting big data processing and cloud-based platforms as a proposed solution. Emphasizing a number of crucial topics such as data analytics, wireless networks, mobile clouds, and machine learning, this publication meets the research needs of data analysts, IT professionals, researchers, graduate students, and educators in the areas of data science, computer programming, and IT development. From the central mountains and valleys to the rain forests of La Mosquitia, Honduras is a land of natural beauty. Not every wonder in the country is nature-made, however. The Copán Ruins in western Honduras are relics of Mayan artistry and a reflection of the beauty to be found in the people, lands, and customs of Honduras.

Because of the explosion of unstructured data that is generated by individuals and organizations, a new storage paradigm that is called object storage has been developed. Object storage stores data in a flat namespace that scales to trillions of objects. The design of object storage also simplifies how users access data, supporting new types of applications and allowing users to access data by using various methods,

## Access Free Ethiopia Cloud Storage

including mobile devices and web applications. Data distribution and management are also simplified, allowing greater collaboration across the globe. OpenStack Swift is an emerging open source object storage software platform that is widely used for cloud storage. IBM® Spectrum Scale, which is based on IBM General Parallel File System (IBM GPFS™) technology, is a high-performance and proven product that is used to store data for thousands of mission-critical commercial installations worldwide.

Throughout this IBM Redpaper™ publication, IBM Spectrum™ Scale is used to refer to GPFS. The examples in this paper are based on IBM Spectrum Scale™ V4.2.2. IBM Spectrum Scale also automates common storage management tasks, such as tiering and archiving at scale. Together, IBM Spectrum Scale and OpenStack Swift provide an enterprise-class object storage solution that efficiently stores, distributes, and retains critical data. This paper provides instructions about setting up and configuring IBM Spectrum Scale Object Storage that is based on OpenStack Swift. It also provides an initial set of preferred practices that ensure optimal performance and reliability. This paper is intended for administrators who are familiar with IBM Spectrum Scale and OpenStack Swift components.

This book offers a comprehensive report on the technological aspects of Mobile Health (mHealth) and discusses the main challenges and future directions in the field. It is divided into eight parts: (1) preventive and curative medicine; (2) remote health monitoring; (3) interoperability; (4) framework, architecture, and software/hardware

## Access Free Ethiopia Cloud Storage

systems; (5) cloud applications; (6) radio technologies and applications; (7) communication networks and systems; and (8) security and privacy mechanisms. The first two parts cover sensor-based and bedside systems for remotely monitoring patients' health condition, which aim at preventing the development of health problems and managing the prognosis of acute and chronic diseases. The related chapters discuss how new sensing and wireless technologies can offer accurate and cost-effective means for monitoring and evaluating behavior of individuals with dementia and psychiatric disorders, such as wandering behavior and sleep impairments. The following two parts focus on architectures and higher level systems, and on the challenges associated with their interoperability and scalability, two important aspects that stand in the way of the widespread deployment of mHealth systems. The remaining parts focus on telecommunication support systems for mHealth, including radio technologies, communication and cloud networks, and secure health-related applications and systems. All in all, the book offers a snapshot of the state-of-art in mHealth systems, and addresses the needs of a multidisciplinary audience, including engineers, computer scientists, healthcare providers, and medical professionals, working in both academia and the industry, as well as stakeholders at government agencies and non-profit organizations.

The three Garima Gospels are the earliest surviving Ethiopian gospel books. They provide glimpses of lost late antique luxury gospel books and art of the fifth to seventh centuries, in the

## Access Free Ethiopia Cloud Storage

Aksumite kingdom of Ethiopia as well as in the Christian East. As this work shows, their artwork is closely related to Syriac, Armenian, Greek, and Georgian gospel books and to the art of late antique (Coptic) Egypt, Nubia, and Himyar (Yemen). Like most gospel manuscripts, the Garima Gospels contain ornately decorated canon tables which function as concordances of the different versions of the same material in the gospels. Analysis of these tables of numbered parallel passages, devised by Eusebius of Caesarea, contributes significantly to our understanding of the early development of the canonical four gospel collection. The origins and meanings of the decorated frames, portraits of the evangelists, Alexandrian circular pavilion, and unique image of the Jerusalem Temple are elucidated. The Garima texts and decoration demonstrate how a distinctive Christian culture developed in Aksumite Ethiopia, while also belonging to the mainstream late antique Mediterranean world. Lavishly illustrated in colour, this volume presents all of the Garima illuminated pages for the first time and extensive comparative material. It will be an essential resource for those studying late antique art and history, Ethiopia, eastern Christianity, New Testament textual criticism, and illuminated books. Surviving a lightning strike, sleeping with deadly scorpions and snakes, crossing a volcano, or having an audience with Lady Desta and her thirty slaves, the English agent Ármín Vámbéry, or sultans and emperors. These were all in a day's work for Azmzâde Sad?k el-Müeyyed, an Ottoman officer, statesman, and truly a renaissance man. 'The Ethiopia Book of Travels' takes you to June 1904 to accompany Sad?k Pasha on a mission for Sultan Abdulhamid II to go before Emperor Menelik II, the ruler of Ethiopia. One of three missions to Africa by Sad?k Pasha to counter the scramble for Africa by West European powers, this volume is a companion to 'Journey in the African Grand Sahara and Through Time'. I hope you enjoy the

## Access Free Ethiopia Cloud Storage

journey.

Ethiopia is one of the oldest nations in the world with natural beauty, incredible diversity and a proud history. Despite its countless tragic misfortunes, Ethiopia is not a hopeless nation. In this short book, Desta Heliso expresses the audacity to hope and believe that the current generation of Ethiopians have a huge opportunity to provide a better future for the next generation if they only have the courage and determination to be self-critical and to relook at the way they think, do things and relate to one another. Hope for Ethiopia lies with Ethiopians. This book constitutes the refereed proceedings of the 14th International Symposium on Privacy Enhancing Technologies, PETS 2014, held in Amsterdam, The Netherlands, in July 2014. The 16 full papers presented were carefully selected from 86 submissions. Topics addressed by the papers published in these proceedings include study of privacy erosion, designs of privacy-preserving systems, censorship resistance, social networks and location privacy.

This unique volume discusses various aspects of the Grand Ethiopian Renaissance Dam (GERD) and the Aswan High Dam (AHD) including their positive and negative impacts. It presents up-to-date research findings by Egyptian scientists and researchers covering several interesting hot topics under the following main themes: · Major impacts of GERD compared with the AHD · Environmental impacts of the AHD · Modeling scenarios investigating the impacts of GERD on the AHD and downstream · Environmental and social impacts of GERD on Egypt · Status and assessment of the sediment of the AHD reservoir and modeling the impacts of GERD on Lake Nubia sediment accumulation · Proposed scenarios for maximizing the benefits of the AHD reservoir · International aspects of GERD and the AHD The volume also offers a set of conclusions and recommendations to optimize the cooperation between

## Access Free Ethiopia Cloud Storage

Egypt, Sudan, and Ethiopia. It appeals to postgraduate students, researchers, scientists, professionals and policy planners.

This book examines the challenges faced by seven multinational companies - Intel, Lenovo, Samsung Electronics, ZTE, BMW Hyundai Motor Company, Mahindra and Mahindra - in their endeavour to contribute to the economic, environmental and social development of Asia. The lessons learned from the examination of these business practices may directly contribute to an increase in the practice of sustainable management and may as such contribute to positive economic, environmental and social impact of companies in this region. The cases are highly relevant for management theoreticians seeking to deepen our understanding of corporate sustainability in an area where scholars, practitioners and policy-makers can expect new questions, problems and challenges in the years ahead. The book is also of high interest to policy review agencies, policy makers and welfare economists seeking to support the development of a comprehensive sustainability framework for managing social and environmental issues in the context of Asia.

"Developed by literacy experts for students in grades three through seven, this book introduces young readers to the geography and culture of Ethiopia"--Provided by publisher.

The digital enterprise has resulted in an explosion of data, and data volumes are expected to grow in zettabyte scale in the next few years. This explosive growth is largely fueled by unstructured data, such as video, social media, photos, and text. IBM® Cloud Object Storage (previously known as Cleversafe®) provides organizations the flexibility, scalability, and simplicity required to store, manage, and access today's rapidly growing unstructured data. Cloud Object Storage (COS) provides access to your unstructured data via a self-service portal

## Access Free Ethiopia Cloud Storage

from anywhere in the world with RESTful APIs, including OpenStack Swift API and S3-compatible API, enterprise availability, and security. IBM COS is available in the following deployment models: Private on-premises object storage Dedicated object storage (single-tenant) Public object storage (multi-tenant) Hybrid object storage (a mix of on-premises, dedicated or public offerings) This IBM Redbooks® publication focuses on the IBM COS public offering, IBM COS Public Services, and hybrid solutions leveraging this offering. This book is for solution developers, architects, and IT specialists who are implementing Cloud Object Storage solutions.

"Enchanting . . . An absorbing narrative of politics, ecology, and economics."--New York Times Book Review (Editor's Choice) Located between the Great Rift Valley and the Nile, the cloud forests in southwestern Ethiopia are the original home of Arabica, the most prevalent and superior of the two main species of coffee being cultivated today. Virtually unknown to European explorers, the Kafa region was essentially off-limits to foreigners well into the twentieth century, which allowed the world's original coffee culture to develop in virtual isolation in the forests where the Kafa people continue to forage for wild coffee berries. Deftly blending in the long, fascinating history of our favorite drink, award-winning author Jeff Koehler takes readers from these forest beginnings along the spectacular journey of its spread around the globe. With cafés on virtually every corner of every town in the world, coffee has never been so popular--nor tasted so good. Yet diseases and climate change are battering production in Latin America, where 85 percent of Arabica grows. As the industry tries to safeguard the species' future, breeders are returning to the original coffee forests, which are under threat and swiftly shrinking. "The forests around Kafa are not important just because they are the origin of a drink

## Access Free Ethiopia Cloud Storage

that means so much to so many," writes Koehler. "They are important because deep in their shady understory lies a key to saving the faltering coffee industry. They hold not just the past but also the future of coffee." "A must-read for coffee enthusiasts."--Smithsonian (Best of the Year) "Reads like an engaging multimystery detective novel."--Wall Street Journal "Fascinating . . . How a local crop transformed into a global commodity."--Real Simple (Best of the Month) Coffee is one of the largest and most valuable commodities in the world. This is the story of its origins, its history, and the threat to its future, by the IACP Award-winning author of Darjeeling. Unleash the power of cloud computing using Azure, AWS and Apache HadoopKey features Provides a sound understanding of the Cloud computing concepts, architecture and its applications Explores the practical benefits of Cloud computing services and deployment models in details Cloud Computing Architecture, Cloud Computing Life Cycle (CCLC), Load balancing approach, Mobile Cloud Computing (MCC), Google App Engine (GAE) Virtualization and Service-Oriented Architecture (SOA) Cloud Computing applications - Google Apps, Dropbox Cloud and Apple iCloud and its uses in various sectors - Education, Healthcare, Politics, Business, and Agriculture Cloud Computing platforms - Microsoft Azure, Amazon Web Services (AWS), Open Nebula, Eucalyptus, Open Stack, Nimbus and The Apache Hadoop Architecture Adoption of Cloud Computing technology and strategies for migration to the cloud Cloud computing adoption case studies - Sub-Saharan Africa and India Chapter-wise Questions with Summary and Examination Model Question papers Description With the advent of internet, there is a complete paradigm shift in the manner we comprehend computing. Need to enable ubiquity, convenient and on-demand access to resources in highly scalable and resilient environments that can be remotely accessed, gave birth to the concept of Cloud

## Access Free Ethiopia Cloud Storage

computing. The acceptance is so rapid that the notion influences sophisticated innovations in academia, industry and research world-wide and hereby change the landscape of information technology as we thought of. Through this book, the authors tried to incorporate core principles and basic notion of cloud computing in a step-by-step manner and tried to emphasize on key concepts for clear and thorough insight into the subject. This book begins with the fundamentals of cloud computing, its service and deployment models, architecture, as well as applications and platforms. It presents some key enterprise strategies and models for the adoption of and migration to cloud. Privacy and security issues and challenges also form a major part of our discussion in the book as well as case studies of cloud computing adoption in Sub-Saharan Africa and India. The book concludes with a discussion of several advanced topics, such as Amazon Web Services (AWS), Open Nebula, Microsoft Azure, Apache Hadoop and Google App Engine (GAE). What will you learn

Learn about the Importance of Cloud Computing in Current Digital Era  
Understand the Core concepts and Principles of Cloud Computing with practical benefits  
Learn about the Cloud Deployment models and Services  
Discover how Cloud Computing Architecture works  
Learn about the Load balancing approach and Mobile Cloud Computing (MCC)  
Learn about the Virtualization and Service-Oriented Architecture (SOA) concepts  
Learn about the various Cloud Computing applications, Platforms and Security concepts  
Understand the adoption Cloud Computing technology and strategies for migration to the cloud  
Case Studies for Cloud computing adoption - Sub-Saharan Africa and India

Who this book is for  
This book is intended for students of B.E., B.Tech., B.Sc., M.Sc., M.E., and M.Tech. as a text book. The content is designed keeping in mind the bench marked curriculum of various universities (both National and International). The book covers not only

## Access Free Ethiopia Cloud Storage

the technical details of how cloud works but also exhibits the strategy, technical design, and in-depth knowledge required to migrate existing applications to the cloud. Therefore, it makes it relevant for the beginners who wants to learn cloud computing right from the foundation. Aspiring Cloud Computing Researchers Instructors, Academicians and Professionals, if they are familiar with cloud, can use this book to learn various open source cloud computing tools, applications, technologies. They will also get a flavor of various international certification exams available. Table of contents1. Foundation of Cloud Computing 2. Cloud Services and Deployment Models3. Cloud Computing Architecture4. Virtualization Technology5. Service Oriented Architecture6. Cloud Security and Privacy7. Cloud Computing Applications8. Cloud Computing Technologies, Platform and Services9. Adoption of Cloud Computing10. Model Paper 111. Model Paper 212. Model Paper 313. Model Paper 4 About the authorKamal Kant Hiran is working as Associate Professor & Head IT in the BlueCrest University College, Liberia, West Africa as well as Research Fellow, Aalborg University, Copenhagen, Denmark. He has rich experience of 14+ years as an academician and researcher in Asia, Africa and Europe. His research interests include Cloud Computing adoption theories and framework, Internet of Things (IoT) and Digital Image and Video Processing. He has several awards on his credit such as International travel grant for Germany from ITS Europe, Gold Medal Award in M. Tech (ICT), IEEE Ghana Section Award, IEEE Senior Member Recognition, IEEE Student branch award and Best Research paper award from the University of Gondar, Ethiopia. He has published research papers in peer-reviewed international journals and conferences. He is Reviewer and Editorial board member of various reputed International Journals in Elsevier, Springer, IEEE, Bentham Science, IGI Global, IJSET, IJTEE, IJSTR and IJERT. He is the

## Access Free Ethiopia Cloud Storage

active member in organizing many international seminars, workshops and conferences in India, Ghana, Liberia, Denmark, Jordan and Ethiopia. His website: <http://www.kamalhiran.in/His> LinkedIn profile: <https://www.linkedin.com/in/kamal-kant-hiran-4553b643> Ruchi Doshi is having more than 10 years of academic, research and software development experience in Asia and Africa. She is working as Registrar in the BlueCrest University College, Liberia, West Africa and also worked with BlueCrest University College, Ghana; Amity University, India & Trimax IT Infrastructure & Services as software engineer. She is interested in the field of Cloud computing, Computer vision, Artificial Intelligence and latest technology used in the higher education. She has published research papers in peer-reviewed international journals and conferences. She is Reviewer, Advisor, Ambassador & Editorial board member of various reputed International Journals and Conferences such as MIR Labs, USA, IEEE W4S, IJCS and IJERT. She is the active member in organizing many international events in India, Ghana, and Liberia. Her LinkedIn profile: <https://www.linkedin.com/in/ruchi-doshi-96bb63b4> Dr. Fagbola Temitayo is currently a Post-Doctoral Fellow (PDF) at Durban University of Technology, South Africa and an Assistant Professor in the Department of Computer Science, Federal University, Oye-Ekiti, Nigeria with over 10 years of proven teaching and research experience. He bagged a Ph.D., M.Sc and B.Tech degrees in Computer Science with strong research interests in cloud computing ecosystem, deep learning, computational intelligence, social media big-data analytics, information security, decision support system and video processing. Dr Fagbola is a member of the South African Institute of Computer Scientists and Information Technologists (SAICSIT), Asian Council of Science Editors (ACSE), Machine Intelligence Institute of Africa (MIIA), Computer Professionals (Registration Council) of Nigeria (CPN), the International

## Access Free Ethiopia Cloud Storage

Association of Engineers (IAENG) and DataHack4FI in Africa. He has over 50 refereed publications in referred international journals and conference proceedings to his credit and currently serves as a reviewer for over 15 reputable international journals. He is also a recipient of the ACM FAT's grant in November 2018. His LinkedIn profile:

<https://www.linkedin.com/in/temitayo-fagbola-5941a2169> Mehul Mahrishi is currently working as an Associate Professor in the Faculty of Computer Science & Engineering at the Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur, India. He is a life member of International Association of Engineers and has published several research articles in National/International Journals, Conferences including Global Journals, ICCCTAM-Dubai, ICMLC-Singapore, IACC and chapters in books. He is also an active technical reviewer of Journal of Parallel and Distributed Computing (SCI & Scopus-Elsevier). His research activities are currently twofold: while the first research activity is set to explore the developmental enhancements video processing and analysis; the second major research theme is focused on the emerging capabilities of cloud computing. Mr. Mahrishi is rewarded at number of occasions in various domains including Recognition as an active reviewer by Journal of Parallel and Distributed Computing (JPDC, Elsevier, SCI & Scopus Indexed), IEEE continuing education certification for "e;Cloud Computing Enable Technologies and Recognition for outstanding performance in Campus Connect Program by Infosys, India. His LinkedIn profile:

<https://www.linkedin.com/in/mehuk-mahrishi-30979026>

This book describes the next generation of industry—Industry 4.0—and how it holds the promise of increased flexibility in manufacturing, along with automation, better quality, and improved productivity. The authors discuss how it thus enables companies to cope with the challenges of

## Access Free Ethiopia Cloud Storage

producing increasingly individualized products with a short lead-time to market and higher quality. The authors posit that intelligent cloud services and resource sharing play an important role in Industry 4.0 anticipated Fourth Industrial Revolution. This book serves the different issues and challenges in cloud resource management CRM techniques with proper propped solution for IT organizations. The book features chapters based on the characteristics of autonomic computing with its applicability in CRM. Each chapter features the techniques and analysis of each mechanism to make better resource management in cloud.

This book collects wide-ranging contributions such as case studies, reviews, reports on technological developments, outputs of research/studies, and examples of successful projects, presenting current knowledge and raising awareness to help the agriculture and forestry sectors find solutions for mitigating climate variability and adapting to change. It brings the topic of ecosystem services closer to education and learning, as targeted by the Framework Convention on Climate Change and the Paris Agreement, the 2030 Agenda for Sustainable Development and the EU Biodiversity Strategy to 2020. Climate change and its impacts on agriculture and agroforestry have been observed across the world during the last 50 years. Increasing temperatures, droughts, biotic stresses and the impacts of extreme events have continuously decreased agroforestry systems' resilience to the effects of climate change. As such, there is a need to adapt farming and agroforestry systems so as to make them better able to handle ever-changing climate conditions, and to preserve habitats and ecosystems services.

EXOTIC ETHIOPIAN COOKING the first definitive comprehensive cookbook devoted to Ethiopian food is a product of four years research & test. It has now been revised & extended.

## Access Free Ethiopia Cloud Storage

It tells how to prepare & serve each dish its full flavor & enable you, your family & friends to savor every succulent morsel. In EXOTIC ETHIOPIAN COOKING Mr. Mesfin, a worshiper of his native dish, brings to your table the secrets of fine Ethiopian cooking in 178 recipes covering from how to prepare basic ingredients & a wide range of mean, chicken, fish, vegetables, bread, alcoholic & non alcoholic beverages in 310 pages of easy to follow directions. Many of the most popular dishes are shown in full colors, to help you appreciate their beauty as well as their flavor. The section on society, culture, hospitality, traditions & the food composition tables will fascinate & enlighten people from all walks of life from the social & nutritional aspect of the ancient traditions. EXOTIC ETHIOPIAN COOKING is indispensable to anyone who has had the privilege of sampling Ethiopian food & knows that there are a thousand & one delights to be found in it & to those who have not had the glorious opportunity & have missed culinary pleasures that have excited the palates of diners for centuries. Winner of a 2020 James Beard Foundation Book Award in the International category Ethiopia stands as a land apart: never colonised, the country celebrates and preserves ancient traditions. The fascinating cuisine is enriched with the different religious influences of Judaism, Christianity and Islam - a combination unique to Africa. The delicious dishes featured are Doro Wat, chicken slowly stewed with berbere spice, Yeassa Alichia, curried fish stew, and Siga Tibs, flashfried beef cubes, as well as a wealth of vegetarian dishes such as Gomen, minced collard greens with ginger and garlic and Azifa, green lentil salad. Chef Yohanis takes the reader on a journey through all the essential dishes of his native country, including the traditional Injera made from the staple grain teff and synonymous with an Ethiopian feast, along the way telling wondrous stories of the local communities and customs. Complete with

## Access Free Ethiopia Cloud Storage

photography of the country's stunning landscapes and vibrant artisans, this book demonstrates why Ethiopian food should be considered as one of the world's greatest, most enchanting cuisines.

This IBM® Redbooks® publication covers IBM TS7700 R5.1. The IBM TS7700 is part of a family of IBM Enterprise tape products. This book is intended for system architects and storage administrators who want to integrate their storage systems for optimal operation. Building on over 20 years of virtual tape experience, the TS7770 supports the ability to store virtual tape volumes in an object store. The TS7700 supported off loading to physical tape for over two decades. Off loading to physical tape behind a TS7700 is utilized by hundreds of organizations around the world. By using the same hierarchical storage techniques, the TS7700 (TS7770 and TS7760) can also off load to object storage. Because object storage is cloud-based and accessible from different regions, the TS7700 Cloud Storage Tier support essentially allows the cloud to be an extension of the grid. As of this writing, the TS7700C supports the ability to off load to IBM Cloud® Object Storage and Amazon S3. This publication explains features and concepts that are specific to the IBM TS7700 as of release R5.1. The R5.1 microcode level provides IBM TS7700 Cloud Storage Tier enhancements, IBM DS8000® Object Storage enhancements, Management Interface dual control security, and other smaller enhancements. The R5.1 microcode level can be installed on the IBM TS7770 and IBM TS7760 models only. TS7700 provides tape virtualization for the IBM z environment. Tape virtualization can help satisfy the following requirements in a data processing environment: Improved reliability and resiliency Reduction in the time that is needed for the backup and restore process Reduction of services downtime that is caused by physical tape drive and library outages Reduction in cost,

## Access Free Ethiopia Cloud Storage

time, and complexity by moving primary workloads to virtual tape Increased efficient procedures for managing daily batch, backup, recall, and restore processing On-premises and off-premises object store cloud storage support as an alternative to physical tape for archive and disaster recovery New and existing capabilities of the TS7700 5.1 include the following highlights: Eight-way Grid Cloud, which consists of up to three generations of TS7700 Synchronous and asynchronous replication Full AES256 encryption for replication data that is in-flight and at-rest Tight integration with IBM Z and DFSMS policy management Optional target for DS8000 Transparent Cloud Tier using DFSMS DS8000 Object Store AES256 in-flight encryption and compression Optional Cloud Storage Tier support for archive and disaster recovery 16 Gb IBM FICON® throughput up to 5 GBps per TS7700 cluster IBM Z hosts view up to 3,968 common devices per TS7700 grid Grid access to all data independent of where it exists TS7770 Cache On-demand feature that is based capacity licensing TS7770 support of SSD within the VED server The TS7700T writes data by policy to physical tape through attachment to high-capacity, high-performance IBM TS1150, and IBM TS1140 tape drives that are installed in an IBM TS4500 or TS3500 tape library. The TS7770 models are based on high-performance and redundant IBM POWER9™ technology. They provide improved performance for most IBM Z tape workloads when compared to the previous generations of IBM TS7700.

In this eminently readable, concise history of Ethiopia, Harold Marcus surveys the evolution of the oldest African nation from prehistory to the present. For the updated edition, Marcus has written a new preface, two new chapters, and an epilogue, detailing the development and implications of Ethiopia as a Federal state and the war with Eritrea.

## Access Free Ethiopia Cloud Storage

In the race to compete in today's fast-moving markets, large enterprises are busy adopting new technologies for creating new products, processes, and business models. But one obstacle on the road to digital transformation is placing too much emphasis on technology, and not enough on the types of processes technology enables. What if different lines of business could build their own services and applications—and decision-making was distributed rather than centralized? This report explores the concept of a digital business platform as a way of empowering individual business sectors to act on data in real time. Much innovation in a digital enterprise will increasingly happen at the edge, whether it involves business users (from marketers to data scientists) or IoT devices. To facilitate the process, your core IT team can provide these sectors with the digital tools they need to innovate quickly. This report explores:

- Key cultural and organizational changes for developing business capabilities through cross-functional product teams
- A platform for integrating applications, data sources, business partners, clients, mobile apps, social networks, and IoT devices
- Creating internal API programs for building innovative edge services in low-code or no-code environments
- Tools including Integration Platform as a Service, Application Platform as a Service, and Integration Software as a Service
- The challenge of integrating microservices and serverless architectures
- Event-driven architectures for processing and reacting to events in real time

You'll also learn about a complete pervasive integration solution as a core component of a digital business platform to serve every audience in your organization.

This book is basically associated with doctoral research. At present climate change become a serious environmental issues in the world. Farmer, pastoralists and marginalized people are more vulnerable to climate related problems because agriculture as well as livestock resources

## Access Free Ethiopia Cloud Storage

totally depended upon climate like temperature and rainfall. Livestock is a significant contributor to economic and social development in Ethiopia at the household as well as national level. Due to climate change induced hazards like recurring of drought leads the pastoralist's livestock's in to death and makes the pastoralist's to be more vulnerable. Express your creativity in this vibrant and educational coloring book exploring the beauty of Ethiopia. A wonderful coloring book for children of all ages as well as adults. The coloring pages in this book are taken from illustrations in our series of Ready Set Go Books, bi-lingual early-reader books created to help promote literacy in Ethiopia and beyond. The illustrations are created by volunteers of all ages from around the world. The art is inspired by the people, history, landscape, animals and culture of Ethiopia. Enjoy this journey through the Ethiopia as you create your own beauty through your artistic creativity. Ready Set Go Books, an Open Hearts Big Dreams Project, is focused on increasing the literacy rate in Ethiopia through giving readers books with stories in their heart languages, full of colorful illustrations with Ethiopian settings and details. Profits from books sales will be used to create, print, and distribute more Ready Set Go Books to kids in Ethiopia, Africa's second most populous country. Ethiopia's population is 44% children, ages 0-14 (43 million out of 97 million total). Only 5.5% of children attend pre-school or kindergarten, and the adult literacy rate is 49%. Our books are based on wise Ethiopian sayings that often rhyme in Amharic. If an adult says the first half, many children can chant the second half. Sometimes the meaning of these sayings is clear. Sometimes it has to be puzzled out and argued over. But sayings and idioms and proverbs help people express truths and beliefs in unusual ways. Open Hearts Big Dreams Fund (OHBD) is a 501(3)(c) not for profit organization that believes the chance to dream big dreams

## Access Free Ethiopia Cloud Storage

should not depend on where in the world you are born. Our focus is to support nonprofit organizations and their programs that provide literacy, K-12 education, and leadership as well as that support the parents and communities where the kids live, in Ethiopia.

This IBM® Redpaper chapter explains how to take a backup of your data by using either of two methods, and it explains how to recover your data if there is a disaster. This paper addresses topics for IT architects, IT specialists, developers, sellers, and anyone looking to implement and manage backups in the cloud. Moreover, this publication provides documentation to transfer the how-to-skills to the technical teams and solution guidance to the sales team. This book complements the documentation that is available at IBM Documentation and aligns with the educational materials that are provided by IBM Garage™ for Systems Technical Education.

This IBM® Redpaper publication provides guidance on building an enterprise-grade data lake by using IBM Spectrum® Scale and Cloudera Data Platform (CDP) Private Cloud Base for performing in-place Cloudera Hadoop or Cloudera Spark-based analytics. It also covers the benefits of the integrated solution and gives guidance about the types of deployment models and considerations during the implementation of these models.

Ambitious in nature, the Istanbul Programme of Action (IPoA) for the Least Developed Countries (LDCs) adopted by the Fourth United Nations Conference on the LDCs (UN LDC IV) in 2011, sets out a development path for LDCs for the coming decade. Successful implementation of the IPoA requires identification of delivery tools for specific targets, provision of necessary financial and non-financial resources, and a strengthened monitoring mechanism. LDC IV Monitor, an independent partnership of eight interested organisations, aims to add

## Access Free Ethiopia Cloud Storage

value by enhancing transparency, accountability and efficiency of the official monitoring and review mechanism of the IPoA. LDC IV Monitor's first set of two reports, produced outside of the official intergovernmental process, provide credible, evidence-based and policy-oriented assessment of the delivery status of the promises contained in the IPoA. The Synthesis Report, derived from the critical analyses of the state of play concerning the IPoA, presents the broad messages and key recommendations. The volume on Analytical Perspectives addresses a wide spectrum of issues including articulation of a composite IPoA index, building of productive capacity, trade in goods and services, delivery of the Millennium Development Goals (MDGs), flows of different forms of development finance, and consequences of climate change. The publications seek to contribute towards crafting national and international policies to support graduation of the LDCs through structural transformation of their economies.

[Copyright: 69b763494f4986a00ad43afe779a5838](https://www.undp.org/publications/69b763494f4986a00ad43afe779a5838)