
Pricing Cloud Services Microsoft Azure

Microsoft Azure Essentials - Fundamentals of Azure
Spatial Cloud Computing
Cloud Computing Networking
Master The Powerful Cloud Service Platforms: Azure Fundamentals Exam
Microsoft Azure Essentials Azure Machine Learning
Microsoft Azure
Implement, monitor, and manage important Azure services and components including IaaS and PaaS
Cloud Debugging and Profiling in Microsoft Azure
Hands-On Cloud Administration in Azure
Web-Based Dynamic IT Services
Building Cloud Apps with Microsoft Azure
Cloud Computing with the Windows Azure Platform
Microsoft Azure Infrastructure Services for Architects
The The Azure Cloud Native Architecture Mapbook
Cloud Computing
Best Practices for DevOps, Data Storage, High Availability, and More
Explore Microsoft Cloud's infrastructure, application, data, and security architecture
Designing Distributed Systems
Agile, DevOps and Cloud Computing with Microsoft Azure
Designing Cloud Solutions
Amazon Web Services & Microsoft Azure For Beginners
Setting up your business in the cloud
Learn Microsoft Azure
Master The Powerful Cloud Service Platforms: Azure Fundamentals
Microsoft Azure Security Center
Learn Azure in a Month of Lunches, Second Edition
Pro SQL Database for Windows Azure
Beginning Serverless Computing
Microsoft Azure For Dummies
ICIDSSD 2020
The Cloud-Based Demand-Driven Supply Chain
Microsoft Public Cloud Services
Programming Windows Azure
Application Performance Management in the Cloud
Theory, Practice, and Development
Exam Ref AZ-900 Microsoft Azure Fundamentals
Cloud Computing - CLOUD 2018
A Practical Approach
Enterprise Application Development

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Microsoft Azure guest

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*Microsoft Azure Essentials -
Fundamentals of Azure* Packt Publishing
Ltd

Learn the nuts and bolts of cloud computing with Windows Azure, Microsoft's new Internet services platform. Written by a key member of the product development team, this book shows you how to build, deploy, host, and manage applications using Windows Azure's programming model and essential storage services. Chapters in Programming Windows Azure are organized to reflect the platform's buffet of services. The book's first half focuses on how to write and host application code on Windows Azure, while the second half explains all of the options you have for storing and accessing data on the platform with high scalability and reliability. Lots of code samples and screenshots are available to help you along the way. Learn how to build applications using the Windows Azure toolset Discover how Windows Azure works under the hood, and learn the how and the why behind several features Choose to write application code in .NET or other languages such as C/C++, PHP, or Ruby Understand the various options for managing your service Get up to speed on Azure's storage services, including blobs, queues, and tables Build a secure backup system, and learn about cloud application security, cryptography, and performance

Spatial Cloud Computing European
Alliance for Innovation

This ebook walks you through a patterns-based approach to building real-world cloud solutions. The patterns

apply to the development process as well as to architecture and coding practices. The content is based on a presentation developed by Scott Guthrie and delivered by him at the Norwegian Developers Conference (NDC) in June of 2013 (part 1, part 2), and at Microsoft Tech Ed Australia in September 2013 (part 1, part 2). Many others updated and augmented the content while transitioning it from video to written form. Who should read this book Developers who are curious about developing for the cloud, are considering a move to the cloud, or are new to cloud development will find here a concise overview of the most important concepts and practices they need to know. The concepts are illustrated with concrete examples, and each chapter includes links to other resources that provide more in-depth information. The examples and the links to additional resources are for Microsoft frameworks and services, but the principles illustrated apply to other web development frameworks and cloud environments as well. Developers who are already developing for the cloud may find ideas here that will help make them more successful. Each chapter in the series can be read independently, so you can pick and choose topics that you're interested in. Anyone who watched Scott Guthrie's "Building Real World Cloud Apps with Windows Azure" presentation and wants more details and updated information will find that here.

Assumptions This ebook expects that you have experience developing web applications by using Visual Studio and ASP.NET. Familiarity with C# would be helpful in places.

Cloud Computing Networking Apress
The International Conference on ICT for Digital, Smart, and Sustainable

Development (ICIDSSD'20) aims to provide an annual platform for the researchers, academicians, and professionals from across the world. ICIDSSD'20, held at Jamia Hamdard, New Delhi, India, is the second international conference of this series of conferences to be held annually. The conference majorly focuses on the recent developments in the areas relating to Information and Communication Technologies and contributing to Sustainable Development. ICIDSSD'20 has attracted research papers pertaining to an array of exciting research areas. The selected papers cover a wide range of topics including but not limited to Sustainable Development, Green Computing, Smart City, Artificial Intelligence, Big Data, Machine Learning, Cloud Computing, IoT, ANN, Cyber Security, and Data Science. Papers have primarily been judged on originality, presentation, relevance, and quality of work. Papers that clearly demonstrate results have been preferred. We thank our esteemed authors for having shown confidence in us and entrusting us with the publication of their research papers. The success of the conference would not have been possible without the submission of their quality research works. We thank the members of the International Scientific Advisory Committee, Technical Program Committee and members of all the other committees for their advice, guidance, and efforts. Also, we are grateful to our technical partners and sponsors, viz. HNF, EAI, ISTE, AICTE, IIC, CSI, IETE, Department of Higher Education, MHRD and DST for sponsorship and assistance. *Master The Powerful Cloud Service Platforms: Azure Fundamentals Exam* Microsoft Azure Essentials - Fundamentals of Azure

Legend has it that Google deploys over two billion application containers a week. How's that possible? Google revealed the secret through a project called Kubernetes, an open source cluster orchestrator (based on its internal Borg system) that radically simplifies the task of building, deploying, and maintaining scalable distributed systems in the cloud. This practical guide shows you how Kubernetes and container technology can help you achieve new levels of velocity, agility, reliability, and efficiency. Authors Kelsey Hightower, Brendan Burns, and Joe Beda—who've worked on Kubernetes at Google and other organizations—explain how this system fits into the lifecycle of a distributed application. You will learn how to use tools and APIs to automate scalable distributed systems, whether it is for online services, machine-learning applications, or a cluster of Raspberry Pi computers. Explore the distributed system challenges that Kubernetes addresses Dive into containerized application development, using containers such as Docker Create and run containers on Kubernetes, using the docker image format and container runtime Explore specialized objects essential for running applications in production Reliably roll out new software versions without downtime or errors Get examples of how to develop and deploy real-world applications in Kubernetes [Microsoft Azure Essentials Azure Machine Learning](#) Springer Straight talking advice on how to design and build enterprise applications for the cloud using Microsoft Azure with this book and eBook. **Microsoft Azure** Microsoft Press 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. Implement, monitor, and manage important Azure services and components including IaaS and PaaS

John Wiley & Sons

Microsoft Azure is a cloud computing platform that helps you build, deploy, and manage applications to overcome your business challenges. This book covers the commonly used Azure services and also explains how you effectively integrate and utilize them.

Cloud Debugging and Profiling in Microsoft Azure Microsoft Press

It's time to get your head in the cloud! In today's business environment, more and more people are requesting cloud-based solutions to help solve their business challenges. So how can you not only anticipate your clients' needs but also keep ahead of the curve to ensure their goals stay on track? With the help of this accessible book, you'll get a clear sense of cloud computing and understand how to communicate the benefits, drawbacks, and options to your clients so they can make the best choices for their unique needs. Plus, case studies give you the opportunity to relate real-life examples of how the latest technologies are giving organizations worldwide the opportunity to thrive as supply chain solutions in the cloud. Demonstrates how improvements in forecasting, collaboration, and inventory optimization can lead to cost savings Explores why cloud computing is becoming increasingly important Takes a close look at the types of cloud computing Makes sense of demand-driven forecasting using Amazon's cloud Whether you work in management, business, or IT, this is the dog-eared reference you'll want to keep close by as you continue making sense of the cloud. Hands-On Cloud Administration in Azure "O'Reilly Media, Inc." Your roadmap to Microsoft Azure Azure is Microsoft's flagship cloud computing platform. With over 600 services

available to over 44 geographic regions, it would take a library of books to cover the entire Azure ecosystem. Microsoft Azure For Dummies offers a shortcut to getting familiar with Azure's core product offerings used by the majority of its subscribers. It's a perfect choice for those looking to gain a quick, basic understanding of this ever-evolving public cloud platform. Written by a Microsoft MVP and Microsoft Certified Azure Solutions Architect, Microsoft Azure For Dummies covers building virtual networks, configuring cloud-based virtual machines, launching and scaling web applications, migrating on-premises services to Azure, and keeping your Azure resources secure and compliant. Migrate your applications and services to Azure with confidence. Manage virtual machines smarter than you've done on premises. Deploy web applications that scale dynamically to save you money and effort. Apply Microsoft's latest security technologies to ensure compliance to maintain data privacy. With more and more businesses making the leap to run their applications and services on Microsoft Azure, basic understanding of the technology is becoming essential. Microsoft Azure For Dummies offers a fast and easy first step into the Microsoft public cloud.

Web-Based Dynamic IT Services CRC Press

Prepare for Microsoft Exam AZ-900—and help demonstrate your real-world mastery of cloud services and how they can be provided with Microsoft Azure. Designed for professionals in any non-technical or technical role, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Fundamentals level. Focus on the expertise measured by these objectives:

Understand cloud concepts
Understand core Azure services
Understand security, privacy, compliance, and trust
Understand Azure pricing and support
This Microsoft Exam Ref: Organizes its coverage by exam objectives
Features strategic, what-if scenarios to challenge you
Assumes you want to show foundational knowledge of cloud services and their delivery with Microsoft Azure; no technical background or IT experience is required
About the Exam
Exam AZ-900 focuses on knowledge needed to evaluate cloud service's value; explain IaaS, PaaS, and SaaS; compare public, private, and hybrid cloud models; understand core Azure architectural components, products, and management tools; describe the Azure Marketplace, its usage, and key solutions; understand Azure security, identity services, and monitoring; manage privacy, compliance, and data protection; price subscriptions and manage costs; choose support options; use Service Level Agreements; and understand the Azure service lifecycle.
About Microsoft Certification
Passing this exam fulfills your requirements for the Microsoft Certified Azure Fundamentals credential, demonstrating that you understand cloud concepts, core Azure Services, Azure pricing and support, and the fundamentals of cloud security, privacy, compliance, and trust. See full details at: www.microsoft.com/learn
Building Cloud Apps with Microsoft Azure
Microsoft Press

This book is intended for business executives and managers responsible for the strategy and direction of their company's IT systems. This may be a board member, the CEO, or other senior executive. It provides a guide to assessing the value and risks of current computer systems, and the value of your

current IT staff and organization. It makes recommendations on how to build a long term strategic plan for your enterprise to insure that IT and your systems meet your business objectives and goals.

Cloud Computing with the Windows Azure Platform CRC Press

This book is intended for Azure administrators who want to understand the application of security principles in distributed environments and how to use Azure to its full capability to reduce the risks of security breaches. Only basic knowledge of the security processes and services of Microsoft Azure is required.

Microsoft Azure Infrastructure Services for Architects Apress

Avoid getting lost in the complexity of Azure with *The Azure Cloud Native Architecture Mapbook*. This book will give you an expert-guided tour of Azure and help you map different architectural perspectives for various architecture disciplines. You'll learn how to apply the different architectural styles and become a better Azure Architect.

The Azure Cloud Native Architecture Mapbook Packt Publishing Ltd

Master the art of efficiently composing Azure services and implement them in real-world scenarios About This Book Build an effective development environment in Azure using the right set of technologies. Architect a full-stack solution in the cloud to choose the best service set A comprehensive guide full of real-life examples to help you take your developer skills up a notch Who This Book Is For If you are a developer, a full-stack developer, or an architect with an intermediate level understanding of cloud computing and Microsoft Azure, and you want to take your skills up a notch, this book is for you. Prior knowledge and understanding of cloud

development strategies is assumed.

What You Will Learn Set up a development environment with VMs, ARM, and RemoteApp Connect with VPNs to manage security and backups

Establish a front-end architecture with AppService, storage, search, and caching

Implement identity solutions, integrate applications, and use data

Integrate cross-platform mobile

applications with the cloud Consistently

build and manage an API layer for

millions of users Work with messages in

the enterprise Deploy your services as

an IT expert with ARM templates In

Detail Microsoft Azure is a cloud

computing platform that supports many different programming languages, tools,

and frameworks, including both

Microsoft-specific and third-party

software and systems. This book starts

by helping you set up a professional

development environments in the cloud

and integrating them with your local

environment to achieve improved

efficiency. You will move on to create

front-end and back-end services, and

then build cross-platform applications

using Azure. Next you'll get to grips with

advanced techniques used to analyze

usage data and automate billing

operations. Following on from that, you

will gain knowledge of how you can

extend your on-premise solution to the

cloud and move data in a pipeline. In a

nutshell, this book will show you how to

build high-quality, end-to-end services

using Microsoft Azure. By the end of this

book, you will have the skillset needed

to successfully set up, develop, and

manage a full-stack Azure infrastructure.

Style and Approach This comprehensive

guide to Azure has both explorative

parts and step-by-step ones. Each

chapter defines a learning path to a

specific scenario, mixing the appropriate

technologies and building blocks efficiently.

Cloud Computing Microsoft Press

An exploration of the benefits of cloud computing in geoscience research and applications as well as future research directions, *Spatial Cloud Computing: A Practical Approach* discusses the essential elements of cloud computing and their advantages for geoscience. Using practical examples, it details the geoscience requirements of cloud computing, covers general procedures and considerations when migrating geoscience applications onto cloud services, and demonstrates how to deploy different applications. The book discusses how to choose cloud services based on the general cloud computing measurement criteria and cloud computing cost models. The authors examine the readiness of cloud computing to support geoscience applications using open source cloud software solutions and commercial cloud services. They then review future research and developments in data, computation, concurrency, and spatiotemporal intensities of geosciences and how cloud service can be leveraged to meet the challenges. They also introduce research directions from the aspects of technology, vision, and social dimensions. *Spatial Cloud Computing: A Practical Approach* a common workflow for deploying geoscience applications and provides references to the concepts, technical details, and operational guidelines of cloud computing. These features and more give developers, geoscientists, and IT professionals the information required to make decisions about how to select and deploy cloud services.

Best Practices for DevOps, Data Storage, High Availability, and More Apress

Pro SQL Database for Windows Azure, 2nd Edition shows how to create enterprise-level database deployments without the usual investment in datacenter and other infrastructure. Take advantage instead of Microsoft's worldwide backbone for cloud computing that delivers all the power of SQL Server in the form of the cloud-based SQL Database for Windows Azure. You can create and deploy a database in mere minutes that is accessible worldwide and takes advantage of SQL Database's high-availability features to protect your data while ensuring 99.9% uptime. SQL Azure is ideally suited for startups, who can benefit from instant access to a robust and secure web-accessible database platform for use in rapidly deploying new products to market. SQL Azure is also ideal for small and mid-sized businesses, giving them the same ability to deploy SQL Server as any large enterprise, but without the management overhead. Even large enterprises find SQL Azure useful in creating failover environments, development environments, extra capacity to handle surges in demand, and more. *Pro SQL Database for Windows Azure* covers the very latest in Microsoft's fast-moving, cloud platform, showing how to program and administer it in a variety of cloud computing scenarios. You'll learn to program SQL Azure from ASP.NET, from WinForms, and from SQL Reporting Services. You'll learn to manage the platform by planning for scalability, troubleshooting performance issues, and implementing strong security. You'll learn the unique aspects of SQL Azure such as sharding and federation support that combine to place SQL Azure a step above and ahead of the competition. Shows how to use SQL Azure from classic Windows applications, ASP.NET and Windows

Communication Foundation Covers management, performance, scalability, and troubleshooting Addresses the all-important issue of securing your data Helps you properly design for high-performance in a cloud environment Helps you adopt the new Federations feature in SQL Azure

Explore Microsoft Cloud's infrastructure, application, data, and security architecture Springer Science & Business Media

We're thrilled to share another free ebook with you: *Introducing Microsoft Azure HDInsight*, by Avkash Chauhan, Valentine Fontama, Michele Hart, Wee Hyong Tok, and Buck Woody. Here are the download links: Download the PDF (6.37 MB; 130 pages) from

<http://aka.ms/IntroHDInsight/PDF>

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Download the MOBI (12.8 MB) from

<http://aka.ms/IntroHDInsight/MOBI>

Download the code samples (6.83 KB) from

<http://aka.ms/IntroHDInsight/CompContent>

Get a head start evaluating Windows Azure - with technical insights from a Microsoft MVP Mitch Tulloch. This guide introduces the latest features and capabilities, with scenario-based advice on how the platform can meet the needs of your business. Get the high-level overview you need to begin preparing your deployment now. Topics include: Understanding Windows Azure Windows Azure Compute Services Windows Azure Network Services Windows Azure Data Services Windows Azure App Services Getting Started with Windows Azure [Designing Distributed Systems](#) Apress Get to grips with Microsoft Azure cost management and gain complete, reliable, and sustainable control of your cloud spend Key Features Explore

resource rightsizing and cleanup methods and their implementation Learn key resource usage optimization concepts Understand app optimization and plan for optimized and sustainable cloud native applications Book Description Cloud teams and ICT cost controllers working with Azure will be able to put their knowledge to work with this practical guide, introducing a process model for structured cost governance. *The Road to Azure Cost Governance* is a must-read if you find yourself facing the harsh reality of monthly cloud costs gradually getting out of control. Starting with how resources are created and managed, everything you need to know in order to track, display, optimize, rightsize, and clean up cloud resources will be tackled with a workflow approach that will leave the choice of operation to you (be it the Azure CLI, automation, logic apps, or even custom code). Using real-world datasets, you'll learn everything from basic cost management to modeling your cloud spend across your technical resources in a sustainable way. The book will also show you how to create a recursive optimization process that will give you full control of spending and savings, while helping you reserve budget for future cloud projects and innovation. By the end of this Azure book, you'll have a clear understanding and control of your cloud spend along with knowledge of a number of cost-saving techniques used by companies around the world, application optimization patterns, and the carbon impact of your cloud infrastructure. What you will learn Use Azure reporting, monitoring, and configurations to model your cloud resources and make costs clearer Discover resource-saving techniques and put them into practice

Establish a continuous clean-up and rightsizing process Explore and implement automation to drive recurrent savings Find out how to use Azure Reservations in the best possible way Get started with building cloud native, cost-optimized applications Get to grips with implementing cost- and carbon-aware applications on Azure Who this book is for If you're someone who deals with Azure cloud costs and has a technical background, this book will help you understand and control your cloud spending. This book is for decision-makers, cloud managers, cloud architects, cost controllers, and software solution professionals working with Microsoft cloud services in Azure and looking to build optimized solutions for their enterprise operations.

Agile, DevOps and Cloud Computing with Microsoft Azure Packt Publishing Ltd

Microsoft Azure Essentials - Fundamentals of Azure Microsoft Press

Designing Cloud Solutions Packt Publishing Ltd

This book gathers selected papers presented at the 2nd International Conference on Computing, Communications and Data Engineering, held at Sri Padmavati Mahila Visvavidyalayam, Tirupati, India from 1 to 2 Feb 2019. Chiefly discussing major issues and challenges in data engineering systems and computer communications, the topics covered include wireless systems and IoT, machine learning, optimization, control, statistics, and social computing.

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- [Atomic Habits: An Easy & Proven Way To Build Good Habits & Break Bad Ones](#)
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