

Microsoft Azure Sql Database Step By Step Step By Step Developer

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SQL Azure History: SQL Azure was originally announced in 2009 and released in 2010. SQL Azure Step by Step creation: Step 1 : To access or create your Azure services or database. Go to -> Microsoft Azure Step 2 : You need a Microsoft account to login. Use your credit card for initial registration.

Microsoft SQL Azure Database – Step by Step Creation tutorial

If, however, OS control is not a requirement and you prefer to be on the latest “versionless” SQL Server, then modernising your existing applications or supporting modern cloud applications on fully managed solutions such as Azure SQL Database or Azure SQL Managed Instance would be optimal.

Azure SQL | Microsoft Azure

Part of the Azure SQL family, Azure SQL Database is the intelligent, scalable, relational database service built for the cloud. It's evergreen and always up to date, with AI-powered and automated features that optimize performance and durability for you. Serverless compute and Hyperscale storage options automatically scale resources on demand, so you can focus on building new applications ...

Azure SQL Database | Microsoft Azure

Create a single database Browse to the Select SQL Deployment option page. Under SQL databases, leave Resource type set to Single database, and select Create. On the Basics tab of the Create SQL Database form, under Project details, select the desired Azure Subscription. For Resource group, select ...

Create a single database - Azure SQL Database | Microsoft Docs

Perform Azure setup and configuration. Explore design and security considerations. Use programming and reporting services. Migrate data. Backup and sync data. Work with scalability and high performance. Understand the differences between SQL Server and Microsoft Azure SQL Database. Sample Content. Sample Pages.

Microsoft Azure SQL Database Step by Step | Microsoft ...

Assess, migrate, and optimise. Migrating SQL Server to Azure SQL Database Managed Instance: A Step-by-Step Guide is a comprehensive handbook for executing a migration, with guidance on each step and key pointers to help streamline the process and minimise interruption to your business.

Migrating SQL Server to Azure SQL Database Managed ...

AlwaysOn (Availability Groups) enhancements in SQL Server. Moving to Cloud and Cloud VM's the fundamentals of Availability don't change. In this session, we'll discuss the AlwaysOn (Availability Groups) enhancements in SQL Server, from increasing the number of secondary replicas and keeping them available for reads at all times to deploying them easily to Windows Azure.

Step-by-step AlwaysOn for SQL Server databases on Azure ...

To access the Azure SQL page, from the Azure portal menu, select Azure SQL or search for and select Azure SQL in any page. Note Azure SQL provides a quick and easy way to access all of your SQL resources in the Azure portal, including single and pooled database in Azure SQL Database as well as the logical SQL server hosting them, SQL Managed Instances, and SQL virtual machines.

What is the Azure SQL Database service? - Azure SQL ...

Part of the Azure SQL family of SQL database services, Azure SQL Database is the intelligent, scalable database service built for the cloud with AI-powered features that maintain peak performance and durability.

Pricing - Azure SQL Database Single Database | Microsoft Azure

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In the next article, I will focus on many more stuff on SQL Azure. Background. SQL Azure is a cloud based data service offered by Microsoft for data storage. It uses SQL Server as its database and uses T-SQL as its query language for data accessing purpose. Purpose. The sole purpose of this article is not to give detailed information about SQL ...

Step by Step Introduction to Microsoft SQL AZURE - CodeProject

The Microsoft Azure Virtual Network service endpoint feature, in coordination with the virtual network rule feature of SQL Database, together can reduce your security surface area. Click the + Add existing control, in the Virtual networks section. In the new Create/Update pane, fill in the controls with the names of your Azure resources.

VNet endpoints and rules for databases in Azure SQL ...

In this blog post, I am going to go through the steps to create an Azure SQL Database using the Azure Portal. I will also go through the steps on how to connect to the database after it has been created. What is an Azure SQL Database A Microsoft Azure SQL Database is a fully managed database service. As the name suggests it is provided by Microsoft and is available on Azure.

Step by Step guide to creating an Azure SQL Database ...

Buy Microsoft Azure SQL Database Step by Step by Lobel, Leonard, Boyd, Eric online on Amazon.ae at best prices. Fast and free shipping free returns cash on delivery available on eligible purchase.

Microsoft Azure SQL Database Step by Step by Lobel ...

Create sync group Go to the Azure portal to find your database in SQL Database. Search for and select SQL databases. Select the database you want to use as the hub database for Data Sync.

Set up SQL Data Sync - Azure SQL Database | Microsoft Docs

The database is created within an Azure resource group and is managed using an logical SQL server. Follow these steps to create a blank database. On the Azure portal menu or from the Home page, select Create a resource. On the New page, select Databases in the Azure Marketplace section, and then click SQL Database in the Featured section.

Tutorial: Design your first relational database using SSMS ...

Open DMA, and then begin creating a new migration project. Specify a project name, select SQL Server as the source server type, and then select Azure SQL Database as the target server type. Specify the migration scope as Schema only, and then create the project.

Migrate SQL Server to Azure SQL Database

Microsoft is enhancing its Azure SQL Database by adding various functionalities to make it more intelligent than it already is. The latest among them is

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Hyperscale in vCore-based purchasing model that supports a database of size 100 TB! Database restoration is quick and offers instantaneous backups.

Microsoft Azure SQL Database - SQL Azure Database ...

Microsoft Azure SQL Database Step by Step: Lobel, Leonard, G., Boyd, Eric, D.: Amazon.com.au: Books

Microsoft Azure SQL Database Step by Step: Lobel, Leonard ...

By using SQL Server Migration Assistant (SSMA) for Access, you can review database objects and data, assess databases for migration, migrate Access database objects to SQL Server, and then migrate data to SQL Server.

Your hands-on guide to Azure SQL Database fundamentals Expand your expertise—and teach yourself the fundamentals of Windows Azure SQL Database. If you have previous programming experience but are new to Azure, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Perform Azure setup and configuration Explore design and security considerations Use programming and reporting services Migrate data Backup and sync data Work with scalability and high performance Understand the differences between SQL Server and Windows Azure SQL Database

Part of the “Microsoft Azure Essentials” series, this ebook helps SQL Server database users understand Microsoft’s offering for SQL Server in Azure. Learn how SQL Server in Azure is similar to SQL Server in an on-premises environment, and how they are different. The author, a content lead for Azure.com, walks you through the steps of getting started with SQL Server in an Azure virtual machine and with Azure SQL Database. Follow the numerous screenshots to create a trial subscription, create SQL Server in an Azure virtual machine, create an Azure SQL Database, migrate an on-premises database to each Azure environment, create users, back up and restore data, and archive data.

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

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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

Discover how you can migrate a traditional on-premise SQL server database to a cloud-based solution with Microsoft Azure. Built with database administrators in mind, this book emulates different scenarios you might come across while working with large, complex SQL database migrations and provides solutions for effectively managing the migrated databases. Key Features Implement backup, restore, and recovery of Azure SQL databases Create shards and elastic pools to scale Azure SQL databases Automate common management tasks with PowerShell Implement over 40 practical activities and exercises across 24 topics to reinforce your learning Book Description As the cloud version of SQL Server, Azure SQL Database differs in key ways when it comes to management, maintenance, and administration. It's important to know how to administer SQL Database to fully benefit from all of the features and functionality that it provides. This book addresses important aspects of an Azure SQL Database instance such as migration, backup restorations, pricing policies, security, scalability, monitoring, performance optimization, high availability, and disaster recovery. It is a complete guide for database administrators, and ideal for those who are planning to migrate from on-premise SQL Server database to an Azure SQL Server database. What you will learn Learn how to provision a new database or migrate an existing on-premise solution Understand how to backup, restore, secure, and scale your own Azure SQL Database Optimize the performance by monitoring and tuning your cloud-based SQL instance Implement high availability and disaster recovery procedures with SQL Database Develop a roadmap for your own scalable cloud solution with Azure SQL Database Who this book is for This book is ideal for database administrators, database developers, or application developers who are interested in developing or migrating existing applications with Azure SQL Database. Prior experience of working with an on-premise SQL Server deployment and brief knowledge of PowerShell and C# are recommended prerequisites.

Your hands-on guide to Azure SQL Database fundamentals Expand your expertise--and teach yourself the fundamentals of Microsoft Azure SQL Database. If you have previous programming experience but are new to Azure, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Perform Azure setup and configuration Explore design and security considerations Use programming and reporting services Migrate data Backup and sync data Work with scalability and high performance Understand the differences between SQL Server and Microsoft Azure SQL Database

NOTE: This title is also available as a free eBook on the Microsoft Download Center. It is offered for sale in print format as a convenience. Get a head start evaluating SQL Server 2014 - guided by two experts who have worked with the technology from the earliest beta. Based on Community Technology Preview 2 (CTP2) software, this guide introduces new features and capabilities, with practical insights on how SQL Server 2014 can meet the needs of your business. Get the early, high-level overview you need to begin preparing your deployment now. Coverage includes: SQL Server 2014 Editions and engine enhancements Mission-critical performance enhancements Hybrid cloud enhancements Self-service Business Intelligence enhancements in Microsoft Excel Enterprise information management enhancements Big Data solutions

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Conquer SQL Server 2017 administration—from the inside out Dive into SQL Server 2017 administration—and really put your SQL Server DBA expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2017 in any production environment: on-premises, cloud, or hybrid. Four SQL Server experts offer a complete tour of DBA capabilities available in SQL Server 2017 Database Engine, SQL Server Data Tools, SQL Server Management Studio, and via PowerShell. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery.

- Install, customize, and use SQL Server 2017's key administration and development tools
- Manage memory, storage, clustering, virtualization, and other components
- Architect and implement database infrastructure, including IaaS, Azure SQL, and hybrid cloud configurations
- Provision SQL Server and Azure SQL databases
- Secure SQL Server via encryption, row-level security, and data masking
- Safeguard Azure SQL databases using platform threat protection, firewalling, and auditing
- Establish SQL Server IaaS network security groups and user-defined routes
- Administer SQL Server user security and permissions
- Efficiently design tables using keys, data types, columns, partitioning, and views
- Utilize BLOBs and external, temporal, and memory-optimized tables
- Master powerful optimization techniques involving concurrency, indexing, parallelism, and execution plans
- Plan, deploy, and perform disaster recovery in traditional, cloud, and hybrid environments

For Experienced SQL Server Administrators and Other Database Professionals

- Your role: Intermediate-to-advanced level SQL Server database administrator, architect, developer, or performance tuning expert
- Prerequisites: Basic understanding of database administration procedures

Leverage the features of Azure SQL database and become an expert in data management Key Features Explore ways to create shards and elastic pools to scale Azure SQL databases Automate common management tasks with PowerShell Implement over 40 practical activities and exercises to reinforce your learning Book Description Despite being the cloud version of SQL Server, Azure SQL Database differs in key ways when it comes to management, maintenance, and administration. This book shows you how to administer Azure SQL database to fully benefit from its wide range of features and functionality. Professional Azure SQL Database Administration begins by covering the architecture and explaining the difference between Azure SQL Database and the on-premise SQL Server to help you get comfortable with Azure SQL database. You'll perform common tasks such as migrating, backing up, and restoring a SQL Server database to an Azure database. As you progress, you'll study how you can save costs and manage and scale multiple SQL Databases using elastic pools. You'll also implement a disaster recovery solution using standard and active geo-replication. Whether it is learning different techniques to monitor and tune an Azure SQL database or improving performance using in-memory technology, this book will enable you to make the most out of Azure SQL database features and functionality for data management solutions. By the end of this book, you'll be well versed with key aspects of an Azure SQL database instance, such as migration, backup restorations, performance optimization, high availability, and disaster recovery. What you will learn Understand Azure SQL Database configuration and pricing options Provision a new SQL database or migrate an existing on-premise SQL Server database to Azure SQL Database Back up and restore Azure SQL Database Secure an Azure SQL database Scale an Azure SQL database Monitor and tune an Azure SQL database Implement high availability and disaster recovery with Azure SQL Database Automate common management tasks with PowerShell Develop a scalable cloud solution with Azure SQL Database Manage, maintain, and secure managed instances Who this book is for If you're a database administrator, database developer, or an application developer interested in developing new applications or migrating existing ones with Azure SQL database, this book is for you. Prior experience of working with an on-premise SQL Server or Azure SQL database along with a basic understanding of PowerShell scripts and C# code is necessary to grasp the concepts covered in this book.

Your hands-on, step-by-step guide to building applications with Microsoft SQL Server 2012 Teach yourself the programming fundamentals of SQL Server

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2012—one step at a time. Ideal for beginning SQL Server database administrators and developers, this tutorial provides clear guidance and practical, learn-by-doing exercises for building database solutions that solve real-world business problems. Discover how to: Install and work with core components and tools Create tables and index structures Manipulate and retrieve data Secure, manage, back up, and recover databases Apply techniques for building high-performing applications Use clustering, database mirroring, and log shipping

This book is ideal for IT professionals who have some experience with SQL Server or Database but are looking for a rich hands-on resource with guidance to explore each of the Azure SQL administrator concepts and the solutions the cloud provider offers. The book is primarily designed for Cloud DBAs (with ample knowledge of SQL server) who are new to Azure and want to have a solid start and get an in-depth glimpse on advanced topics that will help them to solve day-to-day issues plus effectively support the Azure databases. Administering Relational Databases on Microsoft Azure takes readers through a complete tour of understanding fundamental Azure concepts, Azure SQL administration, Azure Management tools, and techniques. This book will give an edge over to clear DP 300 exam. Increasingly, we continue to flood with information about the importance of the cloud. Cloud computing is everywhere, but not everyone knows exactly what it is and where to get started. We try to focus more on Azure SQL and give you the foundational understanding of what the cloud really is and tell you how some of these cloud technologies can work for you, and direct you to improve your knowledge and get certified with hassle-free learning. If you find it is for you, you will pick up useful tricks and tips for making a move to the cloud as seamless as possible. It is never too late to turn the corner from "On-premise DBA" to "Cloud DBA specialist". In most technical discussions, we see a vast gap in cloud adoption and the reality of absorption. There is always a need to learn the Next-Gen technology. In this book, you explore the importance of understanding and managing cloud databases and the skills you must build around the Cloud to face the cloud DBA certification. In addition, along the way, you will pick up great interesting insights, real-time scenarios and fundamentals, concepts of Cloud, cloud management tools, test cases, and several practice solutions.

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