

Workshop: Getting Started Microsoft Azure

- Microsoft Azure Portal
- Azure SQL Database
- Azure Database for MySQL server
- Azure Database for PostgreSQL server
- Query tools: (Do not need all)



Note: this workshop oriented to relational databases, follow-on workshops deploy other types of resources



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Start building apps

Develop with your favorite languages and create custom apps in Visual Studio.

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Give your apps the ability to see, hear, speak, understand language, and do more with smart APIs and Azure Cognitive Services.

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Move to pay as you go for free monthly amounts of popular services for 12 months and 40+ other services always.

See all free services

12 MONTHS

Azure Virtual Machines—Linux

750 hours B1s burstable virtual machines

12 MONTHS

Azure Virtual Machines—Windows

750 hours B1s burstable virtual machines

12 MONTHS

Azure SQL Database

250 GB S0 instance with 10 database transaction units

12 MONTHS

Azure Blob Storage

5 GB locally redundant storage (LRS) hot block with 20,000 read and 10,000 write operations

Azure

Contact Sales

Free account

← Back

After your credit, keep getting free services

Move to pay as you go for free monthly amounts of popular services for 12 months and 40+ other services always.

Azure service	Description	Type	Free monthly amount	Free period
Azure Cosmos DB	Build modern apps at any scale using a fast NoSQL database with open APIs.	Databases	400 request units per-second provisioned throughput with 25 GB storage	12 months
Azure Cosmos DB	Build modern apps at any scale using a fast NoSQL database with open APIs.	Databases	1,000 request units per-second provisioned throughput with 25 GB storage	Always
Azure Database for MySQL	Host a fully managed, scalable MySQL database in Azure.	Databases	750 hours of Flexible Server —Burstable B1MS instance, 32 GB storage, and 32 GB backup storage	12 months
Azure Database for PostgreSQL	Build intelligent, scalable apps with fully managed database for PostgreSQL.	Databases	750 hours of Flexible Server —Burstable B1MS instance, 32 GB storage, and 32 GB backup storage	12 months
Azure DevOps	Build apps in any language using Git repos, CI/CD, and build and release automation.	Developer tools	5 users with unlimited private Git repos	Always
Azure Files NEW	Migrate to simple, distributed, cross-platform file storage without changing code.	Storage	100 GB of LRS transaction optimized, hot, and cool files. 2 million read, list, and other file operations	12 months
Azure Kubernetes Service (AKS)	Deploy and manage containers using the tools you choose.	Compute	Free	Always
Azure Lighthouse	Manage service providers with Zero Trust access controls.	Management and governance	Free	Always
Azure Managed Applications, Service catalog	Make it easier to acquire services with a catalog of approved cloud offerings.	Management and governance	Free publishing	Always
Azure Maps	Create location-aware web and mobile applications using geospatial services, APIs, and SDKs.	Internet of Things	1,000 to 5,000 transactions for specific mapping and location insights features	Always
Azure Migrate	Discover, assess, right-size, and migrate your on-premises virtual machines to Azure.	Migration	Free	Always
Azure Policy	Achieve real-time cloud compliance at scale with consistent resource governance.	Management and governance	Free access to configuration and change tracking features	Always
Azure SignalR Service	Add real-time communications into your web applications.	Web	20 concurrent connections per unit and 20,000 messages	Always
Bandwidth (Data Transfer)	Transfer data inbound and outbound through our robust network of global data centers.	Networking	15 GB outbound	12 months
Bandwidth (Data Transfer)	Transfer data inbound and outbound through our robust network of global data centers.	Networking	100 GB outbound	Always
Batch	Scale your application in the cloud with job orchestration and scheduling for HPC applications.	Compute	Free	Always
Blob Storage	Use massively scalable object storage for any type of unstructured data.	Storage	5 GB locally redundant storage (LRS) hot block with 20,000 read and 10,000 write operations	12 months




2





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Try Azure for Students

Here's just some of what you can do with Azure

 Start building apps Develop with your favorite languages and create custom apps in Visual Studio.	 Explore AI Give your apps the ability to see, hear, speak, understand language, and do more with smart APIs and Azure Cognitive Services.	 Work with big data sets Build and train machine learning models faster with the latest open-source technologies.
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After your credit, keep getting free services	
Move to pay as you go for free monthly amounts of popular services for 12 months and 40+ other services always. See all free services	
<div>12 MONTHS</div>  Azure Virtual Machines—Linux 750 hours B1s burstable virtual machines	<div>12 MONTHS</div>  Azure Virtual Machines—Windows 750 hours B1s burstable virtual machines
<div>12 MONTHS</div>  Azure SQL Database 250 GB S0 instance with 10 database transaction units	<div>12 MONTHS</div>  Azure Blob Storage 5 GB locally redundant storage (LRS) hot block with 20,000 read and 10,000 write operations

What happens once I use all of my \$100 free credit?

We'll send you an email so you can decide if you want to move to [pay as you go](#). If you do, you'll keep getting free monthly amounts of popular services. If you don't, your subscription and products will be disabled.

Azure Portal

Microsoft Azure

Search resources, services, and docs (G+/I)

Azure services

Create a resource

SQL servers

Subscriptions

Azure Database for MySQL

Azure Database for PostgreSQL

Free services

SQL databases

Templates

Storage accounts

More services

Resources

Recent Favorite

Name	Type	Last Viewed
Azure for Students - NEU	Subscription	30 minutes ago

See all

Navigate

Subscriptions

Resource groups

All resources

Dashboard

Tools

Microsoft Learn
Learn Azure with free online training from Microsoft

Azure Monitor
Monitor your apps and infrastructure

Microsoft Defender for Cloud
Secure your apps and infrastructure

Cost Management
Analyze and optimize your cloud spend for free

Useful links

Technical Documentation
Azure Migration Tools

Azure Services
Find an Azure expert

Recent Azure Updates
Quickstart Center

Azure mobile app

Download on the App Store

GET IT ON Google Play

Microsoft Azure: 3 Databases (Free for 12 months)

The screenshot displays the Microsoft Azure portal interface. At the top, a blue header bar contains the 'Microsoft Azure' logo on the left and a search bar on the right with the placeholder text 'Search resources, services, and docs (G+/)'. Below the header, a left-hand navigation pane lists various services and resources, including 'Create a resource', 'Home', 'Dashboard', 'All services', and a 'FAVORITES' section with items like 'SQL servers', 'SQL databases', 'Azure SQL', 'All resources', 'Virtual machines', 'Data factories', 'Azure Cosmos DB', 'Storage accounts', 'Dedicated SQL pools (formerly SQL DW)', 'Data Catalog', 'Resource groups', 'App Services', 'Load balancers', 'Virtual networks', 'Azure Active Directory', 'Monitor', 'Advisor', and 'Microsoft Defender for Cloud'. The main content area is titled 'Free services' and features a sub-header 'Services free for 12 months with the Azure free account'. Below this, a paragraph states: 'Services that are included for free with your Azure free account. You can use these services within the limits listed below without getting charged. To learn more, see the [Azure free account FAQ](#).' A grid of ten service cards is displayed. The first row includes 'Windows Virtual Machine' (750 hours B1S), 'Linux Virtual Machine' (750 hours B1S), 'Azure Managed Disks' (64 GB x 2), 'Azure Blob Storage' (5 GB), and 'Azure Files' (100GB). The second row includes 'Azure Database for MySQL' (750 hours), 'Azure Database for PostgreSQL' (750 hours), 'Azure SQL Database' (250 GB), 'Azure Cosmos DB' (400 RU/s), and 'Bandwidth (Data Transfer)' (100 GB). A dashed orange rectangle highlights the three database services: Azure Database for MySQL, Azure Database for PostgreSQL, and Azure SQL Database. Each card provides a brief description of the service and a 'Create' button.

Service	Category	Free Limit	Additional Info
Windows Virtual Machine	COMPUTE	750 hours B1S	Create Windows virtual machines with on-demand capacity in seconds. Learn more
Linux Virtual Machine	COMPUTE	750 hours B1S	Create Linux virtual machines with on-demand capacity in seconds. Learn more
Azure Managed Disks	STORAGE	64 GB x 2	(P6) solid state drives SSD storage, plus 1 GB snapshot and 2 million I/O operations. Get high performance, durable block storage for Azure Virtual Machines with simplified management. Learn more
Azure Blob Storage	STORAGE	5 GB	locally redundant storage (LRS) hot block with 20,000 read and 10,000 write operations. Use massively-scalable object storage for any type of unstructured data. Learn more
Azure Files	STORAGE	100GB	of LRS transaction optimized, hot, and cool files. 2 million read, list, and other file operations. Migrate to simple, distributed, cross-platform file storage without changing code. Learn more
Azure Database for MySQL	DATABASES	750 hours	of Flexible Server—Burstable B1MS Instance, 32 GB storage, and 32 GB backup storage. Host a fully managed, scalable MySQL database in Azure. Learn more
Azure Database for PostgreSQL	DATABASES	750 hours	of Flexible Server—Burstable B1MS Instance, 32 GB storage, and 32 GB backup storage. Build intelligent, scalable apps with fully managed database for PostgreSQL. Learn more
Azure SQL Database	DATABASES	250 GB	S0 instance with 10 database transaction units. Create a SQL Database that delivers intelligence built-in. Learn more
Azure Cosmos DB	DATABASES	400 RU/s	provisioned throughput. With 25 GB of storage. Get a fast NoSQL database with open APIs for any scale. Learn more
Bandwidth (Data Transfer)	NETWORKING	100 GB	outbound. Transfer data inbound and outbound through our robust network of global data centers. Learn more


Create Database on Azure

- Azure SQL Database
- Azure Database for MySQL server
- Azure Database for PostgreSQL server





NOTE: Configure to reduce cost use “Free for 12 months” configuration

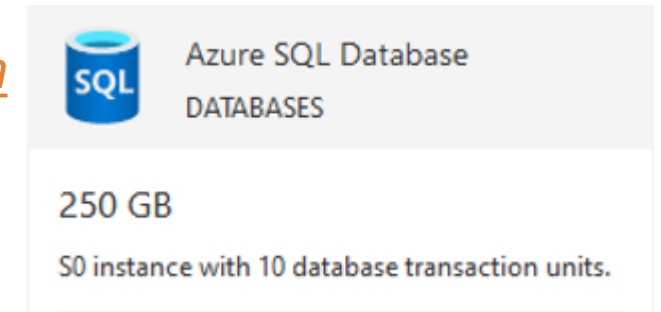
Workshop: Create Database

- Create & modify Portal dashboard
- Create resource group 
 - fyi: pick Azure region that will use for all resource in group

Create Database: Azure SQL

Microsoft Azure SQL Database

- Create or use existing resource group 
- Create Azure SQL Server (dbms server) 
- Create Azure SQL database
 - Configure to reduce cost use “Free for 12 months” configuration
 - Set firewall rule
 - Create database with sample data
 - Save admin account and password
 - Copy connection strings
- Query data



Azure SQL documentation

The screenshot shows the Microsoft Docs website for Azure SQL documentation. The top navigation bar includes the Microsoft logo, 'Docs', and links to 'Documentation', 'Learn', 'Certifications', 'Q&A', 'Code Samples', 'Shows', and 'Events'. A search bar and 'Sign in' link are on the right. Below this, a secondary navigation bar shows 'Azure' and various product documentation categories. The left sidebar is titled 'Version' and shows a dropdown for 'Azure SQL'. Below it is a 'Filter by title' search bar. The main content area is titled 'Azure SQL documentation' and includes a sub-header 'Find documentation about the Azure SQL family of SQL Server database engine products in the cloud: Azure SQL Database, Azure SQL Managed Instance, and SQL Server on Azure VM.' The main content is organized into several sections: 'Azure SQL Database', 'Azure SQL Managed Instance', 'SQL Server on Azure VM', 'Migrate from SQL Server', and 'Connect and query'. Each section contains links to 'WHAT'S NEW', 'OVERVIEW', 'QUICKSTART', 'VIDEO', and 'CONCEPT' pages. The left sidebar also lists various reference materials like 'Azure SQL glossary of terms', 'T-SQL language reference', and 'Azure CLI'.

Microsoft | Docs Documentation Learn Certifications Q&A Code Samples Shows Events

Azure Product documentation Architecture Learn Azure Develop Resources

Portal Free account

Version

Azure SQL

Filter by title

Azure SQL Documentation

Azure SQL

Shared SQL DB & SQL MI docs

SQL Database (SQL DB)

Documentation

Overview

Quickstarts

Tutorials

Concepts

Migration guides

How to

Samples

Azure SQL Managed Instance (SQL MI)

SQL Server on Azure VMs

Reference

Azure SQL glossary of terms

T-SQL language reference

Azure CLI

Azure PowerShell

.NET

Java

REST

Resource Manager templates for SQL

SQL tools

SQL Server Management Studio (SSMS)

SQL Server Data Tools (SSDT)

BCP

SQLCMD

SqlPackage

SQL Database Management Library package

SQL connection drivers

SQL Server drivers

Azure Policy built-ins

DTU benchmark

Download PDF

Docs /

Azure SQL documentation

Find documentation about the Azure SQL family of SQL Server database engine products in the cloud: Azure SQL Database, Azure SQL Managed Instance, and SQL Server on Azure VM.

Azure SQL Database

WHAT'S NEW

What's new?

OVERVIEW

What is SQL Database?

What are elastic pools?

QUICKSTART

Create SQL Database

Configure firewall

VIDEO

Azure SQL Database overview

CONCEPT

Migrate from SQL Server

Advanced security

Business continuity

Monitoring and tuning

T-SQL differences with SQL Server

Azure SQL Managed Instance

WHAT'S NEW

What's new?

OVERVIEW

What is SQL Managed Instance?

What are instance pools?

QUICKSTART

Create SQL Managed Instance

Configure VM to connect

Restore sample database

VIDEO

Azure SQL Managed Instance overview

CONCEPT

Migrate from SQL Server

Advanced security

Business continuity

Monitoring and tuning

T-SQL differences with SQL Server

SQL Server on Azure VM

OVERVIEW

What's new?

What is SQL Server on Windows VM?

What is SQL Server on Linux VM?

QUICKSTART

Create SQL on Azure VM (Windows)

Create SQL on Azure VM (Linux)

VIDEO

SQL Server on Azure VM overview

CONCEPT

Migrate from SQL Server

Security considerations

High availability & disaster recovery

Performance guidelines

Migrate from SQL Server

DEPLOY

Azure SQL Database

Azure SQL Managed Instance

SQL Server on Azure VMs

Connect and query

QUICKSTART

Overview

SQL Server Management Studio (SSMS)

Azure Data Studio

Reference

DEPLOY

Azure CLI samples

PowerShell samples

ARM template samples

DOWNLOAD

SQL Server Management Studio (SSMS)

Azure Data Studio

Download SQL Server Management Studio (SSMS)

Microsoft | Docs | Documentation | Learn | Certifications | Q&A | Code Samples | Shows | Events

SQL Docs | Overview | Install | Secure | Develop | Administer | Analyze | Reference | Download SQL Server

Version: SQL Server 2022 Preview

Filter by title

SQL Server

- Docs navigation tips
- Previous versions 2005-2014
- > Overview
- > Big Data Clusters
- > Business continuity
- > Database design
- > Development
- > Internals & Architecture
- > Installation
- > Migrate & load data
- > Manage, monitor, & tune
- > Query data
- > Reporting & Analytics
- > Security
- > Tools
 - Overview
 - Azure Data Studio >
 - > Command prompt utilities
 - > Database Tuning Advisor (DTA)
 - > Distributed Replay
 - Go-SQLCMD
 - > SQL Server Configuration Manager
 - > SQLCMD
 - > SSB Diagnose
 - > SQL Server Data Tools (SSDT)
 - > SQL Server Management Studio (SSMS)
 - Download SSMS
 - Release notes
 - > Preview
 - > Overview
 - > Quickstarts
 - > Tutorials
 - > Concepts

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Docs / SQL / Tools /

Download SQL Server Management Studio (SSMS)

Article • 08/15/2022 • 7 minutes to read • 45 contributors

Applies to: ✓ SQL Server (all supported versions) ✓ Azure SQL Database ✓ Azure SQL Managed Instance ✓ Azure Synapse Analytics

SQL Server Management Studio (SSMS) is an integrated environment for managing any SQL infrastructure, from SQL Server to Azure SQL Database. SSMS provides tools to configure, monitor, and administer instances of SQL Server and databases. Use SSMS to deploy, monitor, and upgrade the data-tier components used by your applications, and build queries and scripts.

Use SSMS to query, design, and manage your databases and data warehouses, wherever they are - on your local computer, or in the cloud.

Download SSMS

To download SSMS 19 Preview 3, visit [Download SSMS 19](#).

[Free Download for SQL Server Management Studio \(SSMS\) 18.12.1](#)

SSMS 18.12.1 is the latest general availability (GA) version. If you have a previous GA version of SSMS 18 installed, installing SSMS 18.12.1 upgrades it to 18.12.1.

- Release number: 18.12.1
- Build number: 15.0.18424.0
- Release date: June 21, 2022

By using SQL Server Management Studio, you agree to its [license terms](#) and [privacy statement](#). If you have comments or suggestions, or you want to report issues, the best way to contact the SSMS team is at [SQL Server user feedback](#).

The SSMS 18.x installation doesn't upgrade or replace SSMS versions 17.x or earlier. SSMS 18.x installs side by side with previous versions, so both versions are available for use. However, if you have a *preview* version of SSMS 18.x installed, you must uninstall it before installing SSMS 18.12. You can see if you have the preview version by going to the **Help > About** window.

If a computer contains side-by-side installations of SSMS, verify you start the correct version for your specific needs. The latest version is labeled **Microsoft SQL Server Management Studio 18**.

Important

Beginning with SQL Server Management Studio (SSMS) 18.7, Azure Data Studio is automatically installed alongside SSMS. Users of SQL Server Management Studio are now able to benefit from the innovations and features in Azure Data Studio. Azure Data Studio is a cross-platform and open-source desktop tool for your environments, whether in the cloud, on-premises, or hybrid.

In this article

- Download SSMS
- Available languages
- What's new
- Previous versions

Show more

Download and install Azure Data Studio

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Docs

Documentation

Learn

Certifications

Q&A

Code Samples

Shows

Events

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Develop

Administer

Analyze

Reference

Download SQL Server

Version

SQL Server 2022 Preview

Filter by title

Azure Data Studio documentation

Download Azure Data Studio

Release notes

Overview

Quickstarts

Tutorials

Concepts

How-to guides

References

Resources

Docs / Azure Data Studio /

Download and install Azure Data Studio

Article • 08/24/2022 • 8 minutes to read • 26 contributors

Azure Data Studio is a cross-platform database tool for data professionals who use on-premises and cloud data platforms on Windows, macOS, and Linux.

Azure Data Studio offers a modern editor experience with IntelliSense, code snippets, source control integration, and an integrated terminal. It's engineered with the data platform user in mind, with the built-in charting of query result sets and customizable dashboards.

Use Azure Data Studio to query, design, and manage your databases and data warehouses wherever they are, on your local computer or in the cloud.

For more information about Azure Data Studio, visit [What is Azure Data Studio?](#).

Download Azure Data Studio

Azure Data Studio 1.39.0 is the latest general availability (GA) version.

Release number: 1.39.0

Release date: August 24, 2022

Platform	Download
Windows	User installer (recommended) System installer .zip file
macOS	.zip file
Linux	.deb file .rpm file .tar.gz file

Note

Azure Data Studio currently does not support the ARM architecture.

In this article

Download Azure Data Studio

Install Azure Data Studio


What's new with Azure Data Studio


Download the GA release of Azure Data Studio

Show more

Create Database: Azure Database for MySQL

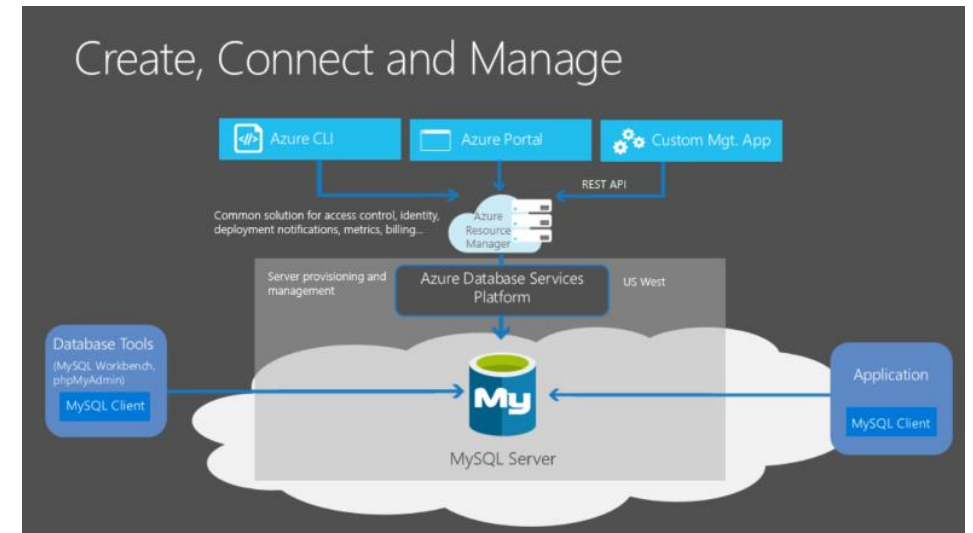
Azure Database for MySQL

- Create or use existing resource group 
- Azure Database for MySQL server
 - Configure to reduce cost *use Free for 12 months configuration*
 - Set firewall rule
 - Save admin account and password
 - Copy connection strings



Azure Database for MySQL
DATABASES

750 hours
of Flexible Server—Burstable B1MS Instance, 32 GB storage, and 32 GB backup storage



Azure Database for MySQL documentation

The screenshot shows the Microsoft Azure documentation website. The top navigation bar includes the Microsoft logo, 'Docs', and links for 'Documentation', 'Learn', 'Certifications', 'Q&A', 'Code Samples', 'Shows', and 'Events'. A search bar and 'Sign in' link are on the right. Below this, a secondary navigation bar shows 'Azure' and various product documentation categories. The main content area is titled 'Azure Database for PostgreSQL documentation' and includes a breadcrumb 'Docs / Azure /'. The left sidebar contains a 'Filter by title' search box and a tree view of the documentation structure, including 'Overview', 'Shared documentation', 'Single Server', 'Flexible Server', 'Hyperscale (Citrus)', 'Reference', and 'Resources'. The main content area is divided into several sections: 'About Azure Database for PostgreSQL' (Overview, What is Azure Database for PostgreSQL?, What's New), 'Single server' (Overview, What is Single Server?, View all Single server documentation, Quickstart, Concept, Tutorial), 'Flexible Server' (Overview, What is Flexible Server?, View all Flexible server documentation, Try Flexible Server for free, Concept, Quickstart, Tutorial), 'Hyperscale (Citrus) cluster' (Overview, What is Hyperscale (Citrus)?, Quickstart), 'Reference' (Learn, Deploy, Reference), 'Connect and query' (Concept, Quickstart), and 'Application Development' (Concept, Tutorial). Each section provides links to specific documentation pages.

Microsoft | Docs Documentation Learn Certifications Q&A Code Samples Shows Events

Azure Product documentation Architecture Learn Azure Develop Resources Portal Free account

Filter by title

Azure Database for PostgreSQL documentation

Docs / Azure /

Azure Database for PostgreSQL documentation

Azure Database for PostgreSQL is a relational database service based on the open-source Postgres database engine. It's a fully managed database-as-a-service that can handle mission-critical workloads with predictable performance, security, high availability, and dynamic scalability.

About Azure Database for PostgreSQL

OVERVIEW

What is Azure Database for PostgreSQL?

WHAT'S NEW

Check out our blog it.

Single server

OVERVIEW

What is Single Server?

View all Single server documentation

QUICKSTART

Create a server using the Azure Portal

Create a server using Azure CLI

CONCEPT

Server concepts

Limits

TUTORIAL

Design a Database on Single Server

Build Python (Django) app with PostgreSQL

Monitor and tune the server

Flexible Server

OVERVIEW

What is Flexible Server?

View all Flexible server documentation

Try Flexible Server for free

CONCEPT

Server concepts

Understand compute and storage

Limitations

QUICKSTART

Create a server using Portal

Create a server using ARM Template

TUTORIAL

Create App and database server in virtual network

Hyperscale (Citrus) cluster

OVERVIEW

What is Hyperscale (Citrus)?

QUICKSTART

Quickstart

Reference

LEARN

Learning module: Create an Azure Database for PostgreSQL server

DEPLOY

Azure CLI scripts for common tasks

Azure Resource Manager templates

REFERENCE

Azure CLI developer reference

REST API developer reference

Connect and query

CONCEPT

Enable firewall rules to connect

Configure SSL for secure connections

QUICKSTART

Connect using Python

Connect using Node.js

Connect using Java

Connect using Ruby

Application Development

CONCEPT


Connection resiliency

TUTORIAL

Design a Database on Single Server


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MySQL Workbench



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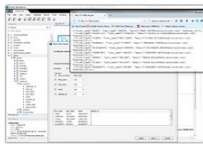
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- MySQL HeatWave
- MySQL Enterprise Edition
 - Datasheet (PDF)
 - Technical Specification
 - MySQL Database
 - MySQL Document Store
 - Oracle Enterprise Manager
 - Enterprise Monitor
 - Enterprise Backup
 - Enterprise HA
 - Enterprise Scalability
 - Enterprise Authentication
 - Enterprise TDE
 - Enterprise Encryption
 - Enterprise Masking
 - Enterprise Firewall
 - Enterprise Audit
 - DISA STIG
 - CIS Benchmark
 - Router
 - Workbench
 - Features
 - Design
 - Develop
 - Administer
 - Performance
 - Database Migration
 - Connectors
 - Customer Successes
- MySQL Standard Edition
- MySQL Classic Edition
- MySQL Cluster CGE
- MySQL Embedded (OEM/ISV)

MySQL Workbench

Enhanced Data Migration

Download Now »



MySQL Workbench is a unified visual tool for database architects, developers, and DBAs. MySQL Workbench provides data modeling, SQL development, and comprehensive administration tools for server configuration, user administration, backup, and much more. MySQL Workbench is available on Windows, Linux and Mac OS X.

Design

MySQL Workbench enables a DBA, developer, or data architect to visually design, model, generate, and manage databases. It includes everything a data modeler needs for creating complex ER models, forward and reverse engineering, and also delivers key features for performing difficult change management and documentation tasks that normally require much time and effort.

[Learn More »](#)

Develop

MySQL Workbench delivers visual tools for creating, executing, and optimizing SQL queries. The SQL Editor provides color syntax highlighting, auto-complete, reuse of SQL snippets, and execution history of SQL. The Database Connections Panel enables developers to easily manage standard database connections, including MySQL Fabric. The Object Browser provides instant access to database schema and objects.

[Learn More »](#)

Administer

MySQL Workbench provides a visual console to easily administer MySQL environments and gain better visibility into databases. Developers and DBAs can use the visual tools for configuring servers, administering users, performing backup and recovery, inspecting audit data, and viewing database health.

[Learn more »](#)

Visual Performance Dashboard

MySQL Workbench provides a suite of tools to improve the performance of MySQL applications. DBAs can quickly view key performance indicators using the Performance Dashboard. Performance Reports provide easy identification and access to IO hotspots, high cost SQL statements, and more. Plus, with 1 click, developers can see where to optimize their query with the improved and easy to use Visual Explain Plan.

[Learn More »](#)

Database Migration


MySQL Workbench now provides a complete, easy to use solution for migrating Microsoft SQL Server, Microsoft Access, Sybase ASE, PostgreSQL, and other RDBMS tables, objects and data to MySQL. Developers and DBAs can quickly and easily convert existing applications to run on MySQL both on Windows and other platforms. Migration also supports migrating from earlier versions of MySQL to the latest releases.

[Learn more »](#)

Additional Resources


- Video Tutorial: MySQL Workbench
- Features & Benefits
- Download MySQL Workbench Enterprise Edition

MySQL Workbench Home




View Screenshot:
[Windows](#), [Linux](#), [OS X](#)

Visual Database Design




View Screenshot:
[Windows](#), [Linux](#), [OS X](#)

SQL Editor



View Screenshot:
[Windows](#), [Linux](#), [OS X](#)

Performance Dashboard



View Screenshot:
[Windows](#), [Linux](#), [OS X](#)

MySQL Community Downloads

MySQL Community Downloads

MySQL Workbench

General Availability (GA) ReleasesArchives

MySQL Workbench 8.0.30

Select Operating System:

Microsoft Windows

Recommended Download:

MySQL Installer
for Windows

All MySQL Products. For All Windows Platforms.
In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI

Go to Download Page >

Other Downloads:

Windows (x86, 64-bit), MSI Installer	8.0.30	44.5M	Download
(mysql-workbench-community-8.0.30-winx64.msi)			
MD5: 5c7def4c83989f60522972455a512c1d Signature			

MySQL Community Downloads

MySQL Workbench

General Availability (GA) ReleasesArchives

MySQL Workbench 8.0.30

Select Operating System:

macOS

Packages require Big Sur (11.1 or newer)

macOS (x86, 64-bit), DMG Archive	8.0.30	113.0M	Download
(mysql-workbench-community-8.0.30-macos-x86_64.dmg)			
MD5: 664a1e0f086a10e2a8237c33d0fcf0d3 Signature			

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.


15

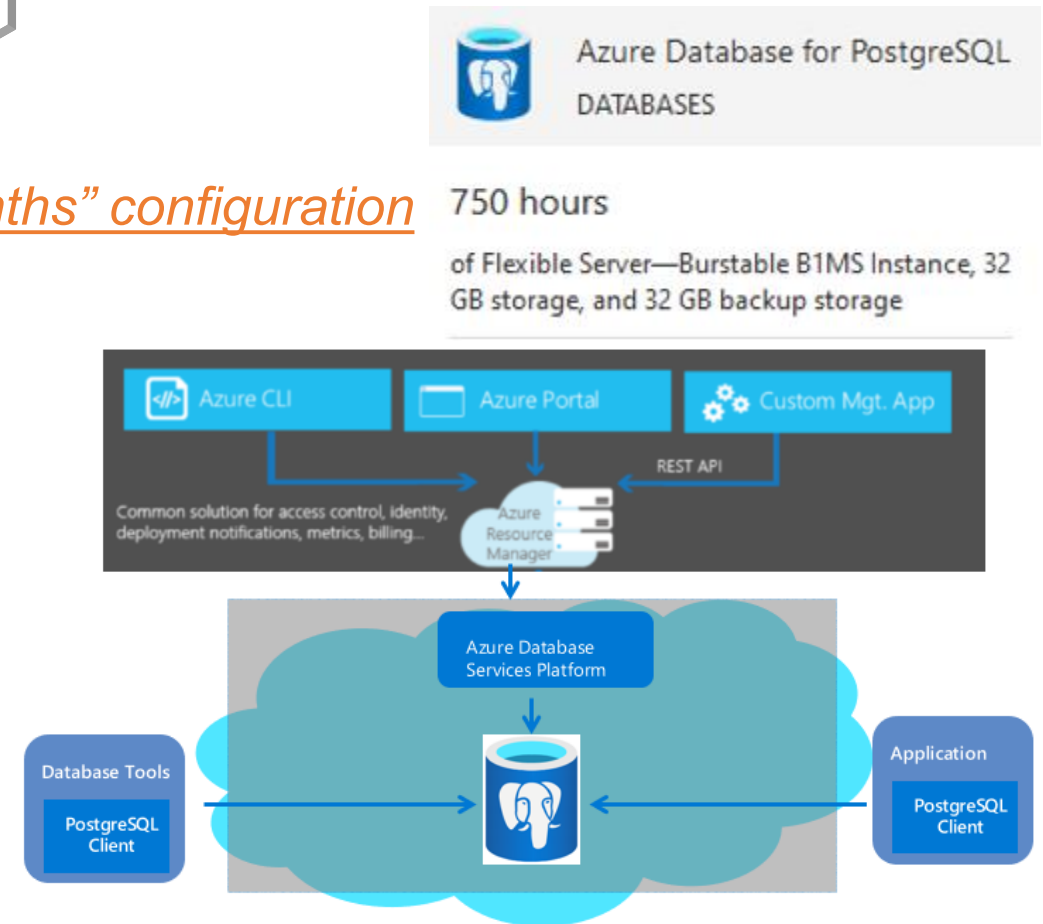
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ATHENA
IT SOLUTIONS

Create Database: Azure Database for PostgreSQL server

Azure Database for PostgreSQL server

- Create or use existing resource group 
- Azure Database for PostgreSQL server
 - Configure to reduce cost use “Free for 12 months” configuration
 - Set firewall rule
 - Save admin account and password
 - Copy connection strings



Azure Database for PostgreSQL documentation

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Filter by title

Azure Database for PostgreSQL documentation

Overview

Shared documentation

Single Server

Single Server documentation

Overview

Quickstarts

Create a server

Connect & query

Tutorials

Design a database

Build & deploy Python web app (Django)

Monitor and tune

Concepts

How-to guides

Flexible Server

Flexible Server documentation

Overview

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Try Flexible Server for free

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Create Server and Database

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Hyperscale (Citus)

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Azure Database for PostgreSQL documentation

Azure Database for PostgreSQL is a relational database service based on the open-source Postgres database engine. It's a fully managed database-as-a-service that can handle mission-critical workloads with predictable performance, security, high availability, and dynamic scalability.

About Azure Database for PostgreSQL

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What is Azure Database for PostgreSQL?

WHAT'S NEW

Check out our blog it.

Single server

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Try Flexible Server for free

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Design a Database on Single Server

pgAdmin download

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Quick Links

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Download


pgAdmin is a free software project released under the [PostgreSQL licence](#). The software is available in source and binary format from the [PostgreSQL mirror network](#). Because compiling from source requires technical knowledge, we recommend installing binary packages whenever possible.


The pages in this section give additional details about each binary package available as well as more direct download links. In addition, you can download source tarballs and pgAgent for your servers to enable additional functionality.


pgAdmin 4


pgAdmin 4 is a complete rewrite of pgAdmin, built using Python and Javascript/jQuery. A desktop runtime written in NW.js allows it to run standalone for individual users, or the web application code may be deployed directly on a web server for use by one or more users through their web browser. The software has the look and feels of a desktop application whatever the runtime environment is, and vastly improves on pgAdmin III with updated user interface elements, multi-user/web deployment options, dashboards, and a more modern design.



Container



macOS


Python


APT



RPM



Source Code



Windows


pgAgent


pgAgent is a job scheduler for PostgreSQL which may be managed using pgAdmin. Prior to pgAdmin v1.9, pgAgent shipped as part of pgAdmin. From pgAdmin v1.9 onwards, pgAgent is shipped as a separate application.


APT


macOS

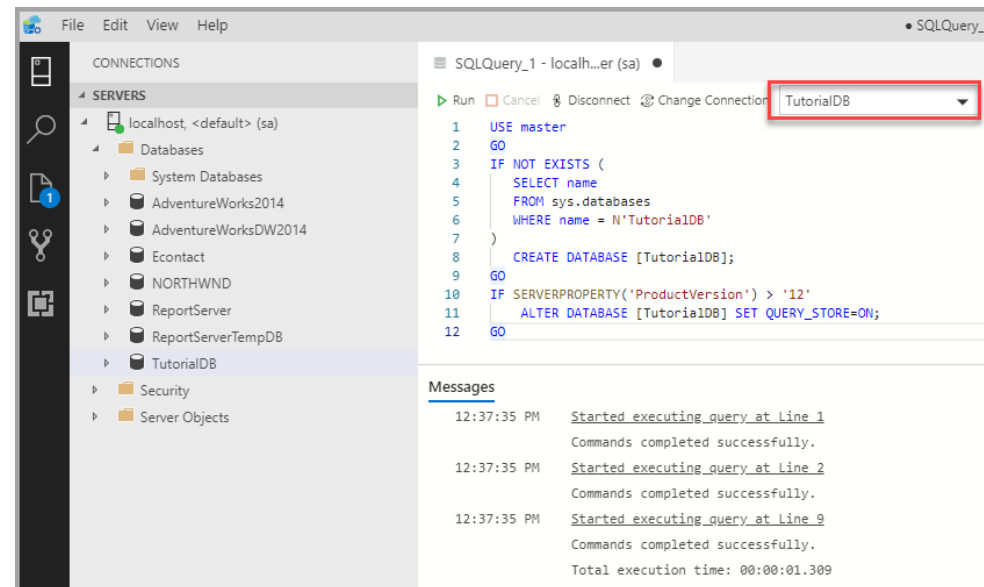

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Source Code

Workshop: Tools Used for Query

- Azure built-in query editor
- Azure Data Studio
 - Azure Data Studio
 - Setup Data Connection
 - Query database
 - Fyi: add-ins
- DBeaver
 - Setup Data Connection
 - Query database



DBeaver Community



DBeaver Community

Free Universal Database Tool

Star 28,020



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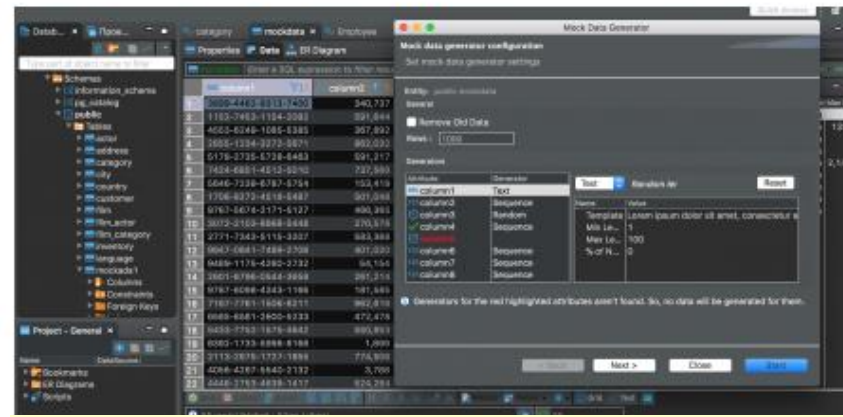
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Universal Database Tool

Free multi-platform database tool for developers, database administrators, analysts and all people who need to work with databases. Supports all popular databases: MySQL, PostgreSQL, SQLite, Oracle, DB2, SQL Server, Sybase, MS Access, Teradata, Firebird, Apache Hive, Phoenix, Presto, etc.

Download



- [Windows \(installer\)](#)
- [Windows \(zip\)](#)
- [MacOS for Intel \(dmg\)](#)
- [MacOS for M1/Silicon \(dmg\)](#)



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DBeaver Community 22.1.5

Released on August 22th 2022 (Milestones).
It is free and open source (license).
Also you can get it from the GitHub mirror.

Windows

- [Windows \(installer\)](#)
- [Windows \(zip\)](#)
- [Install from Microsoft Store](#)
- [Chocolatey \(choco install dbeaver\)](#)

Mac OS X

- [MacOS for Intel \(dmg\)](#)
- [MacOS for M1/Silicon \(dmg\)](#)
- [Brew Cask \(brew install --cask dbeaver-community\)](#)
- [MacPorts \(sudo port install dbeaver-community\)](#)

Linux

- [Linux Debian package \(installer\)](#)
- [Linux RPM package \(installer\)](#)
- [Linux \(zip\)](#)
- [Linux \(zip without Java included\)](#)
- [Linux ARM \(zip without Java included\)](#)