

Practice Labs

Create SQL Database - Microsoft

+

portal.azure.com/#create/Microsoft.SQLDatabase

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Home >

Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. [Learn more](#)

Did you know that new users in Azure can create a free Azure SQL Database and use it for 12 months using Azure free account? [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \*

Simplilearn HOL 100494

Resource group \*

ODL-azure-1073562

Create new

Database details

Review + create

Next: Networking >

Cost summary

Basic (Basic)

Cost per DTU (in --)

DTUs selected

x 5

ESTIMATED COST / MONTH

-- --

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Home >

Create SQL Database

Microsoft

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name \*

A7Db

Server \*

(new) a7server (East US)

Create new

Want to use SQL elastic pool?

Yes

No

Workload environment

Development

Production

Default settings provided for Production workloads. Configurations can be modified as needed.

Compute + storage \*

Basic

Review + create

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Compute + storage \*

Basic

Review + create

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Create SQL Database Server - Mi

+

portal.azure.com/#view/SqlAzureExtension/SharedCreateServer/isNewServer~/true/subscriptionId/cff8f96d-9a3e-4b41-a4b2-11a56b...

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Home > Create a resource > Create SQL Database

Create SQL Database Server

Microsoft

Server details

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name \* a7server .database.windows.net

Location \* (US) East US

Authentication

Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Azure AD authentication [Learn more](#) or using an existing Azure AD user, group, or application as Azure AD admin [Learn more](#), or select both SQL and Azure AD authentication.

Authentication method

☐ Use only Azure Active Directory (Azure AD) authentication

☐ Use both SQL and Azure AD authentication

☒ Use SQL authentication

OK

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ENG IN

2:53 PM 9/20/2023

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Configure - Microsoft Azure

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Configure

Feedback

Service and compute tier

Select from the available tiers based on the needs of your workload. The vCore model provides a wide range of configuration controls and offers Hyperscale and Serverless to automatically scale your database based on your workload needs. Alternately, the DTU model provides set price/performance packages to choose from for easy configuration. [Learn more](#)

Service tier Basic (For less demanding workloads) Compare service tiers

DTUs Compare DTU options

5 (Basic)

Data max size (GB)

2

SQL

Cost summary

Basic (Basic)

Cost per DTU (in --)

DTUs selected x 5

ESTIMATED COST / MONTH -- --

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Create SQL Database

Microsoft

Default settings provided for Production workloads. Configurations can be modified as needed.

Compute + storage \*

Basic

2 GB storage

Configure database

Backup storage redundancy

Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.

Backup storage redundancy

☒ Locally-redundant backup storage

☐ Zone-redundant backup storage

☐ Geo-redundant backup storage

Review + create

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Microsoft

Basics Networking Security Additional settings Tags Review + create

Product details

SQL database  
by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Estimated cost per month  
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Terms

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see [Azure Marketplace Terms](#).

Basics

Subscription  
Simplilearn HOL 100494

Resource group  
ODL-azure-1073562

Cost summary

Basic (Basic)

Cost per DTU (in --)

DTUs selected

ESTIMATED COST / MONTH

--

x 5

--

--

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9/20/2023

Practice Labs x Microsoft.SQLDatabase.newDatabaseNewServer\_6d1318abe90c49a7bbd42 | Overview

portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2Fcff8f96d-9a3e-4b41-a4b2-11a5...

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Home > Microsoft.SQLDatabase.newDatabaseNewServer\_6d1318abe90c49a7bbd42 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

**✓ Your deployment is complete**

Deployment name : Microsoft.SQLDatabase.newDatabaseNewS... Start time : 9/20/2023, 2:55:27 PM  
Subscription : Simplilearn HOL 100494 Correlation ID : de46454f-a1dd-4f9a-9743-0d3511a3b0d  
Resource group : ODL-azure-1073562

> Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

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Home > Microsoft.SQLDatabase.newDatabaseNewServer\_6d1318abe90c49a7bbd42 | Overview >

**A7Db (a7server/A7Db)** SQL database

Search Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Query editor (preview)

Settings

Compute + storage

Connection strings

Properties

Locks

Data management

Replicas

Sync to other databases

**Essentials** JSON View

Resource group (move) : ODL-azure-1073562 Server name : a7server.database.windows.net  
Status : Online Elastic pool : No elastic pool  
Location : East US Connection strings : Show database connection strings  
Subscription (move) : Simplilearn.HOL.100494 Pricing tier : Basic  
Subscription ID : cff8f96d-9a3e-4b41-a4b2-11a56bedf600 Earliest restore point : No restore point available  
Tags (edit) : Add tags

Getting started Monitoring Properties Features Notifications (0) Integrations Tutorials

**Start working with your database**  
Connect to your database and start working with data with a few simple steps. [Learn more >](#)

Configure access Connect to application Start developing

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Practice Labs x A7Db (a7server/A7Db) - Microso x +

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Home > A7Db (a7server/A7Db)

### A7Db (a7server/A7Db) | Query editor (preview)

SQL database

Search Login + New Query Open query Feedback Getting started

Overview Activity log Tags Diagnose and solve problems Query editor (preview)

Settings

- Compute + storage
- Connection strings
- Properties
- Locks

Data management

- Replicas
- Sync to other databases

Query editor (preview) is a tool to run SQL queries against Azure SQL Database in the Azure portal. It is designed for lightweight querying and object exploration in your database. For more information and troubleshooting, [Learn more](#)

Welcome to SQL Database Query Editor

SQL server authentication

Login \*  
bhoomika

Password \*  
\*\*\*\*\*

OK

Active Directory authentication

Continue as odl\_user\_1073562@simpilearn...

OR

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Search

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Home > A7Db (a7server/A7Db)

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- Sync to other databases

A7Db (bhoomika)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

- Tables
- Views
- Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor

```
1 create table Book
2 (BookId int primary key,
3 BookName nvarchar(50),
4 Price float,
5 category nvarchar(50),
6 PublisherName nvarchar(50))
```

Results Messages

Query succeeded: Affected rows: 0

Query succeeded | 0s

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Search

ENG IN 3:18 PM 9/20/2023

Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

File Edit View Tools Window Help

New Query Execute

Connect to Server

### SQL Server

Server type: Database Engine

Server name: a7server.database.windows.net

Authentication: SQL Server Authentication

Login: bhoomika

Password: \*\*\*\*\*

☐ Remember password

Connect Cancel Help Options >>

Ready

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Search

SQLQuery1.sql - a7server.database.windows.netA7Db (bhoomika (75)) - Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

File Edit View Query Project Tools Window Help

New Query Execute

A7Db

Object Explorer

Connect +

a7server.database.windows.net (SQL Server 12.0.2000)

Databases

System Databases

A7Db

Database Diagrams

Tables

System Tables

External Tables

Graph Tables

dbo.Book

Dropped Ledger Tables

Views

External Resources

Synonyms

Programmability

Query Store

Extended Events

Storage

Security

Integration Services Catalogs

SQLQuery1.sql - a7...Db (bhoomika (75))

```
select * from Book
```

100 %

Results Messages

	BookId	BookName	Price	category	PublisherName
1	1	Good Omens	450	comedy	IFAC
2	2	Sick in the Head	950	comedy	IFAC
3	3	Hamlet	650	drama	JRF
4	4	The Kite	450	drama	JRF

Query executed successfully.

a7server.database.windows.n... bhoomika (75) A7Db 00:00:00 4 rows

Ready

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Search

Ln 2 Col 1 Ch 1 INS

3:20 PM 9/20/2023

Practice Labs x A7Db (a7server/A7Db) - Microso... x +

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Home > A7Db (a7server/A7Db)

### A7Db (a7server/A7Db) | Query editor (preview) ☆ ...

SQL database

Search

« Login + New Query ↑ Open query Feedback Getting started

Overview  
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Query 1

Run ☐ Cancel query Save query Export data as Show only Editor

```
1 select * from Book
```

Results Messages

BookId	BookName	Price	category	PublisherName
1	Good Omens	450	comedy	IFAC
2	Sick in the Head	950	comedy	IFAC
3	Hamlet	650	drama	JRF

Query succeeded | 0s

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