

## EXP N0 20-Create a SQL storage service and perform a basic query using any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Database as a Service (DaaS)

Create SQL Database Server - M x +

portal.azure.com/#view/SqlAzureExtension/SharedCreateServer/IsNewServer~/true/subscriptionId/bf2f7ffe-efc6-4a72-a4a9-13d15025b408/resourceGroupName/Sreeja/infoFilters...

Microsoft Azure Search resources, services, and docs (G+)

Home > SQL databases > 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 \* tech .database.windows.net

Location \* (US) East US

Authentication

Azure Active Directory (Azure AD) is now Microsoft Entra ID. [Learn more](#)

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 Microsoft Entra authentication [Learn more](#) or using an existing Microsoft Entra user, group, or application as Microsoft Entra admin [Learn more](#), or select both SQL and Microsoft Entra authentication.

Authentication method ☒ Use Microsoft Entra-only authentication

OK

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Create SQL Database Server - M x +

portal.azure.com/#view/SqlAzureExtension/SharedCreateServer/IsNewServer~/true/subscriptionId/bf2f7ffe-efc6-4a72-a4a9-13d15025b408/resourceGroupName/Sreeja/infoFilters...

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### 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 \* tech23 .database.windows.net

Location \* (US) East US

Authentication

Azure Active Directory (Azure AD) is now Microsoft Entra ID. [Learn more](#)

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 Microsoft Entra authentication [Learn more](#) or using an existing Microsoft Entra user, group, or application as Microsoft Entra admin [Learn more](#), or select both SQL and Microsoft Entra authentication.

Authentication method ☒ Use Microsoft Entra-only authentication

OK

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Microsoft Entra ID - Microsoft A x +

portal.azure.com/#view/SqlAzureExtension/SharedCreateServer/IsNewServer~/true/subscriptionId/b127ffe-efc6-4a72-a4a9-13d15025b408/resourceGroupName/Sreeja/infoFilters~...

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Home > SQL databases > Create SQL Database >

### Create SQL Database Server

Microsoft

Server name \* tech23

Location \* (Asia Pacific) Central India

Authentication

**Authentication method**

- ☒ Use Microsoft Entra authentication
- ☐ Use both SQL and Microsoft Entra authentication
- ☐ Use SQL authentication

Set Microsoft Entra admin \* **Not Selected**  
Set admin

OK

### Microsoft Entra ID

Microsoft Entra ID

Try changing or adding filters if you don't see what you're looking for.

Search

All Users Groups Enterprise applications

	Name	Type	Details
<input type="checkbox"/>	AAD Request Verification Service...	Enterprise ap...	c728155f-7b2a-4502-a08b-b8a9b269319
<input type="checkbox"/>	AzNet Security Guard	Enterprise ap...	38808189-fa7a-4d8a-807f-eba01edacca6
<input checked="" type="checkbox"/>	Azure Advisor	Enterprise ap...	c39c9bac-9d1f-4dfb-aa29-27f6365e5cb7
<input type="checkbox"/>	Azure Bastion	Enterprise ap...	79d7fb34-4bef-4417-8184-f713af7a679
<input type="checkbox"/>	Azure Compute	Enterprise ap...	579d9c9d-4c83-4efc-8124-7eba65ed3356
<input type="checkbox"/>	Azure Data Warehouse Polybase	Enterprise ap...	0130cc9f-7ac5-4026-bd5f-80a08a54e6d9

Selected item (1)

Reset

Azure Advisor  
c39c9bac-9d1f-4dfb-aa29-27f6365e5cb7

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Create SQL Database Server - M x +

portal.azure.com/#view/SqlAzureExtension/SharedCreateServer/IsNewServer~/true/subscriptionId/b127ffe-efc6-4a72-a4a9-13d15025b408/resourceGroupName/Sreeja/infoFilters~...

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Home > SQL databases > Create SQL Database >

### Create SQL Database Server

Microsoft

Server name \* tech23 ✓  
.database.windows.net

Location \* (Asia Pacific) Central India

Authentication

**Authentication method**

- ☒ Use Microsoft Entra-only authentication
- ☐ Use both SQL and Microsoft Entra authentication
- ☐ Use SQL authentication

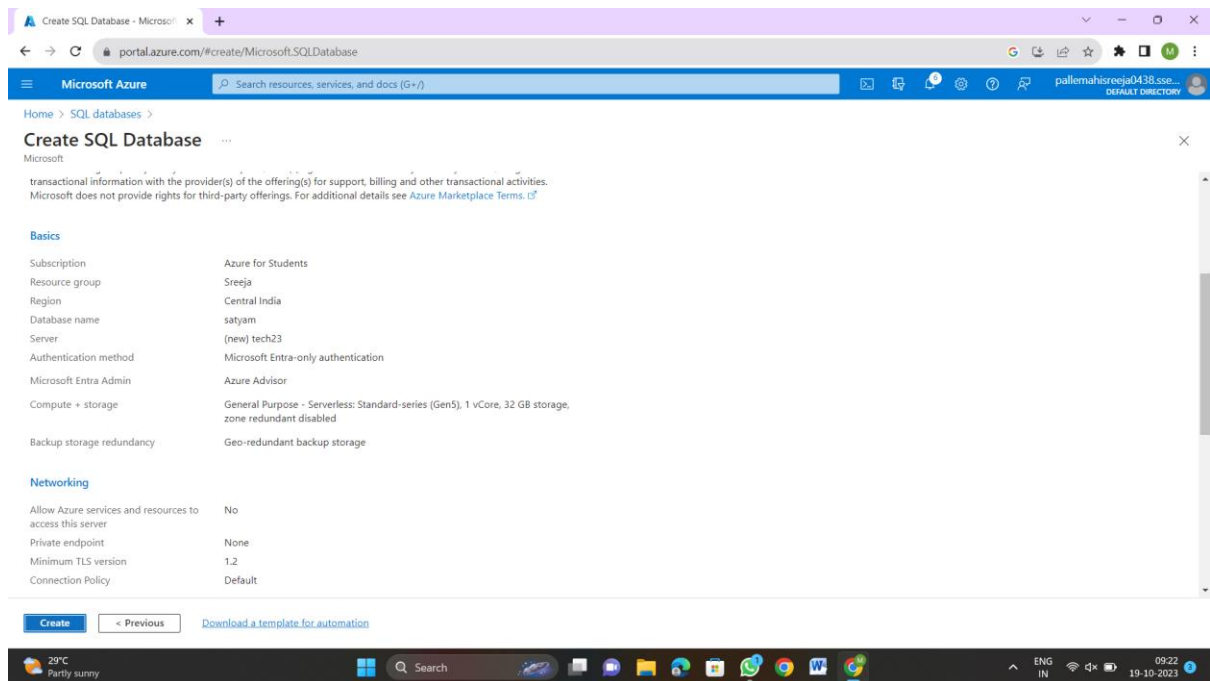
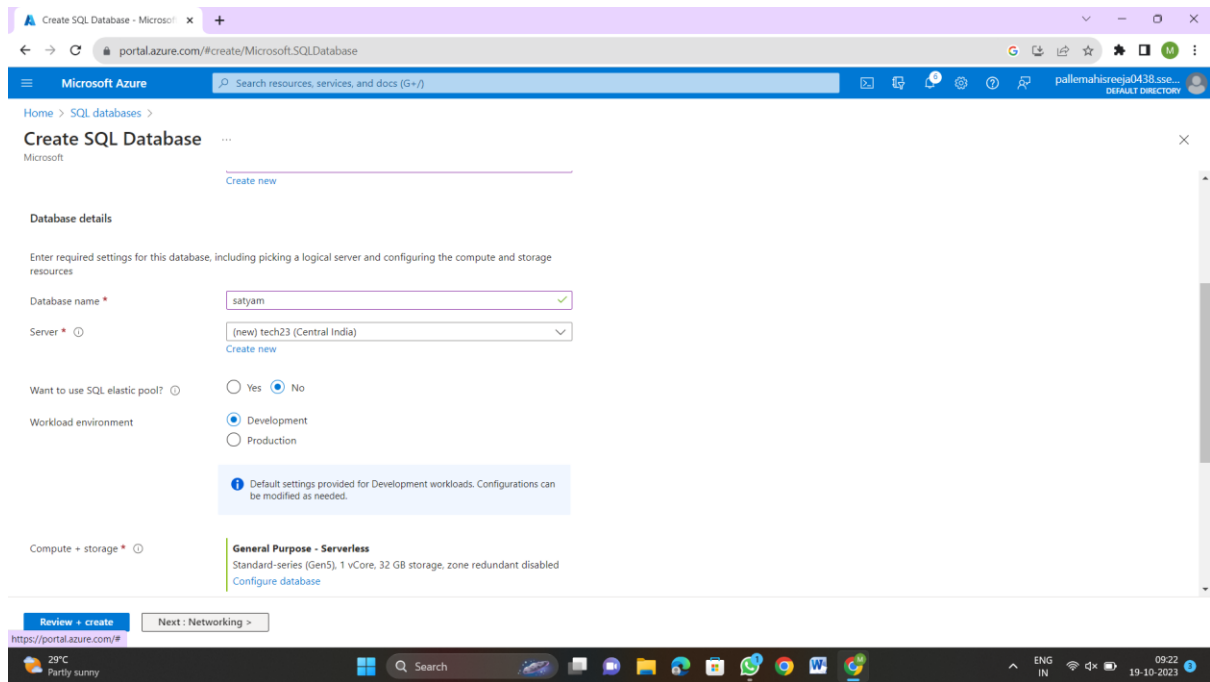
Set Microsoft Entra admin **Azure Advisor**  
Admin Object/App ID: c39c9bac-9d1f-4dfb-aa29-27f6365e5cb7  
Set admin

OK

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Create SQL Database - Microsoft x +

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

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Home > SQL databases >

### Create SQL Database

Microsoft

Connection Policy Default

#### Security

Identity	Not enabled
Transparent data encryption (Server level)	Service-managed key selected
Database level customer-managed key	Not configured
Database level user assigned managed identity	Not configured
Advanced data security	Not now
Always encrypted with secure enclaves	Not configured
Sql Ledger(Database)	Disabled
Digest Storage	Disabled

#### Additional settings

Use existing data	Blank
Collation	SQL_Latin1_General_CP1_CI_AS
Maintenance window	System default (5pm to 8am)

Tags

Validating... < Previous Download a template for automation

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SQL databases - Microsoft Azure x +

portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2Fbf2f7ffe-efc6-4a72-a4a9-13d15025b408%2FresourceGroups%2FSreeja%2Fpro...

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### Microsoft.SQLDatabase.newDatabaseNewServer\_577e012aa910420bb0829 | Overview

Deployment

Search <

Overview

Inputs

Outputs

Template

Deployment in progress... Deployment to resource group 'Sreeja' is in progress.

Waiting for af9-v2.hosting.portal.azure.net...

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Microsoft SQLDatabase.newDatabaseNewServer\_577e012aa910420bb0829 | Overview

Deployment

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Home >

Deployment is in progress

Deployment name : Microsoft.SQLDatabase.newDatabaseNewServer\_577... Start time : 10/19/2023, 9:23:03 AM  
Subscription : Azure for Students Correlation ID : b9effd7-5313-421c-805d-d5ba3fa892b3  
Resource group : Sreeja

Deployment details

Resource	Type	Status	Operation details
There are no resources to display.			

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Microsoft SQLDatabase.newDatabaseNewServer\_577e012aa910420bb0829 | Overview

Deployment

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Subscription : Azure for Students Correlation ID : b9effd7-5313-421c-805d-d5ba3fa892b3  
Resource group : Sreeja

Deployment details

Resource	Type	Status	Operation details
tech23	SQL server	Accepted	<a href="#">Operation details</a>

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Microsoft.SQlDatabase.newDatabaseNewServer\_577e012aa910420bb0829 | Overview

Deployment

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Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.SQlDatabase.newDatabaseNewServer\_577... Start time : 10/19/2023, 9:23:03 AM

Subscription : Azure for Students Correlation ID : b9effd7-5313-421c-805d-d5ba3fa892b3

Resource group : Sreeja

> Deployment details

Next steps

Go to resource

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satyam (tech23/satyam) - Microsoft 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

Integrations

Azure Synapse Link

Stream analytics (preview)

Add Azure Search

Essentials

Resource group (move): Sreeja

Status : Online

Location : Central India

Subscription (move): Azure for Students

Subscription ID : bf277ffe-efc6-4a72-a4a9-13d15025b408

Tags (edit) : Add tags

Server name : tech23.database.windows.net

Connection strings : Show database connection strings

Pricing tier : General Purpose - Serverless: Gen5, 1 vCore

Auto-pause delay : 1 hour

Earliest restore point : No restore point available

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

Configure network access to your SQL server. Learn more >

Connect to application

Use connection strings to connect to your SQL database from your applications and favorite tools.

Start developing

Work in your database by using tools to add, modify and query data. Compare tools >

Configure

See connection strings

Open Azure Data Studio

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