



Scale up or down an Azure SQL Database

Template Version: 2.0

Introduction

During this lab, you will learn how to scale up an Azure SQL Database and verify that the database has moved to the selected pricing tier.

Estimated Time

10 minutes

Objectives

At the end of this lab, you will be able to:

- scale up an Azure SQL Database
- verify that the database has moved to the selected pricing

Logon Information

Use the following credentials to login into virtual environment

- Username: Administrator
- Password: Password1

Table of Contents

Lab: Scale up\down an Azure SQL Database 3

 Exercise 1: This lab requires the use of an Azure Trial account..... 3

 Exercise 2: Scale up\down an Azure SQL Database 3

 Exercise 3: Verify the database is at the selected pricing tier 6

Lab: Scale up\down an Azure SQL Database

During this lab, you will learn how to scale up\down Azure SQL Database.

Exercise 1: This lab requires the use of an Azure Trial account.

This exercise shows how to use Azure Trial account.

Tasks

1. Get Your Trial Azure subscription

This lab requires the use of an Azure Trial account. Please go to <https://azure.microsoft.com/en-us/free> and follow the steps to create your own account prior to starting the lab.

Exercise 1 has been completed

Exercise 2: Scale up\down an Azure SQL Database

In this exercise, you're going to Scale up\down an Azure SQL Database.

Tasks

1. Connect to the Virtual Machine

Under the Commands menu, select **Ctrl+Alt+Delete**. Then from the Commands menu again select Paste, then Paste Password. Then press Enter to logon to machine.

2. Connect to Microsoft Azure Portal

Open Internet Explorer and navigate to <http://ms.portal.azure.com> to connect to Microsoft Azure Portal. Login with your subscriptions credential.

3. Open SQL Databases

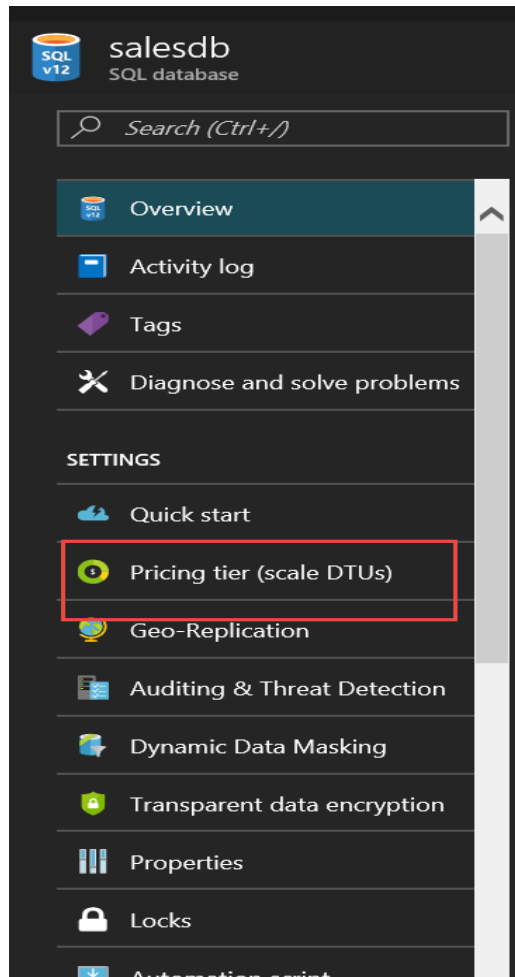
Click SQL Databases on the left side

4. Click the database

Click the database you want to change

5. Select Pricing Tier

Click Pricing tier (scale DTUs) under the settings



6. Change the Tier

Select a new tier and **click Apply**

Change your pricing

Scale up or down a service tier and the performance levels within the service tier. Changes may cause a downtime. [Learn more](#)

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P1 Premium	P2 Premium	P4 Premium
125 DTUs	250 DTUs	500 DTUs
Up to 500 GB	Up to 500 GB	Up to 500 GB
Geo-Replication	Geo-Replication	Geo-Replication
Point In Time Restore...	Point In Time Restore...	Point In Time Restore...
Auditing	Auditing	Auditing
465.00 USD/MONTH (ESTIMATED 31 P1 D...)	930.00 USD/MONTH (ESTIMATED 31 P2 D...)	1,860.00 USD/MONTH (ESTIMATED 31 P4 D...)

P6 Premium	P11 Premium	P15 Premium
1000 DTUs	1750 DTUs	4000 DTUs
Up to 500 GB	Up to 1024 GB	Up to 1024 GB
Geo-Replication	Geo-Replication	Geo-Replication

Select

7. Click the notification

Clicking Apply submits a scale request to change the database tier. Depending on the size of your database the scale operation can take some time to complete. **Click** the notification for details and status of the scale operation.

Report a bug

Database scale in progress

Exercise 2 has been completed

Exercise 3: Verify the database is at the selected pricing tier

After the scaling operation is complete inspect and confirm the database is at the desired tier:

Tasks

1. Connect to Microsoft Azure Portal

Open Internet Explorer and navigate to <http://ms.portal.azure.com> to connect to Microsoft Azure Portal. Login with your subscriptions credential.

2. Open SQL Databases

Click SQL Databases on the left side

3. Click the database

Click the database you updated

4. Check the Pricing Tier

Check the Pricing tier and confirm it is set to the correct tier

Essentials ^	
Resource group	Server name
Avengers	vyelwebcastdemo1.database.windows.net
Status	Connection strings
Online	Show database connection strings
Location	Pricing tier
West US	P1 Premium (125 DTUs)
Subscription name	Geo-Replication role
Microsoft Azure Internal Consumption	Not configured
Subscription ID	
9f5b4af5-bda2-435b-8f13-fc50c3a4ff4f	

Exercise 3 has been completed