

David Corzo – 20190432 – CD – HOL

Task 1: Setting up Azure resources

Create SQL Database.

The screenshot shows the Microsoft Azure Marketplace page for the SQL Database service. The page has a blue header with the Microsoft Azure logo, a search bar, and navigation icons. The user's email, davidcorzo@ufm.edu, is visible in the top right. The main content area features the SQL Database logo, a 'Create' button, and a 'Save for later' link. Below this, there are tabs for 'Overview', 'Plans', and 'Usage Information + Support'. The 'Overview' tab is selected, showing a description of the service and a 'Media' section with a screenshot of the Azure portal. At the bottom, there is a 'More offers from Microsoft' section with four cards: 'Workspace', 'Wire Data 2.0', 'Microsoft HPC Pack 2012 R2', and 'Windows Server 2019 Datacenter (zh-cn)'.

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

Home > New > Marketplace >

SQL Database

Microsoft

SQL Database Save for later

Create

Overview Plans Usage Information + Support

SQL Database is a cloud database service built for application developers that lets you scale on-the-fly without downtime and efficiently deliver your application. Built-in advisors quickly learn your application's unique characteristics and dynamically adapt to maximize performance, reliability, and data protection.

Use this template to create a new database in the SQL Database service. You can create the database on a new logical server or on a logical server that already exists in your subscription.

Media

More offers from Microsoft

- Workspace**
Microsoft
Windows Virtual Desktop resource
- Wire Data 2.0**
Microsoft
Provides the ability to explore wire data and helps identify network related issues.
- Microsoft HPC Pack 2012 R2**
Microsoft
Enterprise-class HPC solution. Easy to deploy, cost-effective and supports Windows/Linux workloads.
- Windows Server 2019 Datacenter (zh-cn)**
Microsoft
Azure Hybrid Benefit for Windows Server

Microsoft Azure

Search resources, services, and docs (G+)

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Home > New > Marketplace > SQL Database >

Create SQL Database

Microsoft

Basics

Networking

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](#)

Project details

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

Subscription *

Azure subscription 1

Resource group *

(New) partsunlimited

Create new

Database details

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

Database name *

partsunlimited

Server *

(new) dgcm (East US)

Create new

Want to use SQL elastic pool? *

Yes

No

Compute + storage *

Standard S0

10 DTUs, 250 GB storage

Configure database

Review + create

Next : Networking >

Home > New >

Create Web App

X

Basics

Monitoring

Tags

Review + create

Summary



Details

Subscription	445b9e2b-dd03-487d-bce0-bda184d1f1e1
Resource Group	partsunlimited
Name	dgcm-qa
Publish	Code
Runtime stack	ASP.NET V4.8

App Service Plan (New)

Name	ASP-partsunlimited-8a75
Operating System	Windows
Region	Central US
SKU	Free
ACU	Shared infrastructure
Memory	1 GB memory

Monitoring (New)

Application Insights	Enabled
Name	dgcm-qa
Region	Central US

Microsoft Azure

Search resources, services, and docs (G+)

2

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Home >

Microsoft.Web-WebApp-Portal-f7040220-977c | Overview

Deployment

Search (Ctrl+J)

Delete Cancel Redeploy Refresh

Overview Inputs Outputs Template

Deployment in progress... 6:35 PM

Deployment to resource group 'partsunlimited' is in progress.

We'd love your feedback! →

Deployment is in progress

Deployment name: Microsoft.Web-WebApp-Portal-f7040220-977c

Subscription: [Azure subscription 1](#)

Resource group: [partsunlimited](#)

Start time: 11/6/2020, 6:35:57 PM

Correlation ID: 8e71512c-2adc-44ac-b8

Deployment details (Download)

Resource	Type	Status	Operation details
No results.			

✓ Your deployment is complete

Deployment name: Microsoft.Web-WebApp-Portal-f7040220-977c

Subscription: [Azure subscription 1](#)

Resource group: [partsunlimited](#)

Start time: 11/6/2020, 6:35:57 PM

Correlation ID: 8e71512c-2adc-44ac-b8

Deployment details (Download)

Next steps

Go to resource

Web dgcm-prod.

Create Web App

Basics Monitoring Tags Review + create

Summary

**Web App**
by Microsoft

Details

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[Create](#)[< Previous](#)[Next >](#)[Download a template for automation](#)

Microsoft Azure

Search resources, services, and docs (G+)

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Home >

Microsoft.Web-WebApp-Portal-26279361-8f45 | Overview

Deployment

Search (Ctrl+/)

Delete Cancel Redeploy Refresh

Overview Inputs Outputs Template

Deployment in progress... 6:38 PM

Deployment to resource group 'partsunlimited' is in progress.

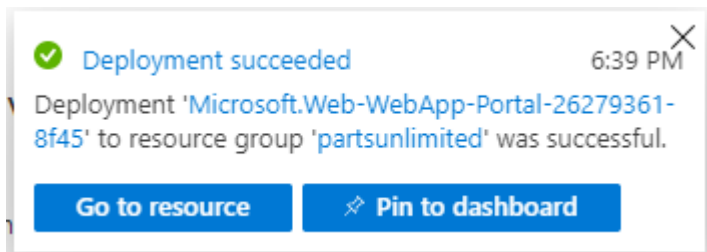
We'd love your feedback! →

Deployment is in progress

Deployment name: Microsoft.Web-WebApp-Portal-26279361-8f45 Start time: 11/6/2020, 6:38:39 PM
Subscription: Azure subscription 1 Correlation ID: 5a40c8f7-eb91-4362-a0
Resource group: partsunlimited

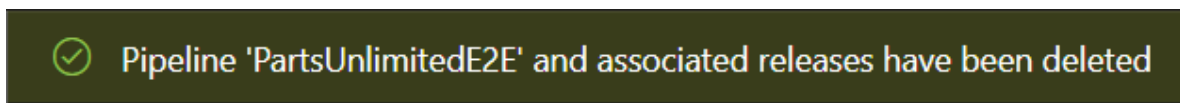
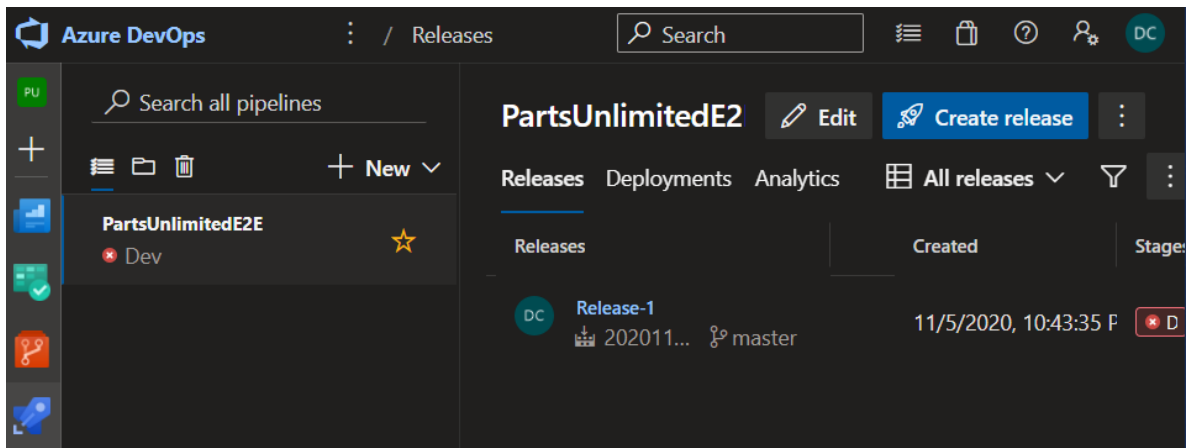
Deployment details (Download)

Resource	Type	Status	Operation details
No results.			



Task 2: Creating a continuous release to the QA stage

Deleting.



Create a new pipeline.

Azure DevOps

/ Releases

Search

DC

PU

All pipelines > PUL-CICD

Save

Create release

+

Pipeline

Tasks

Variables

Retention

Options

History

Add

QA

1 job, 1 task

Stage

QA

Delete

Move

Properties

Name and owners of the stage

Stage name

QA

Stage owner

DC David Corzo

PU

+

5 more artifact types

Project * ⓘ
Parts Unlimited

Source (build pipeline) * ⓘ
PartsUnlimitedE2E

Default version * ⓘ
Latest

Source alias * ⓘ
_PartsUnlimitedE2E

ⓘ The artifacts published by each version will be available for deployment in release pipelines. The latest successful build of **PartsUnlimitedE2E** published the following artifacts: *drop*.

Add

⌵

📁

?

👤

DC

ave Create release ...