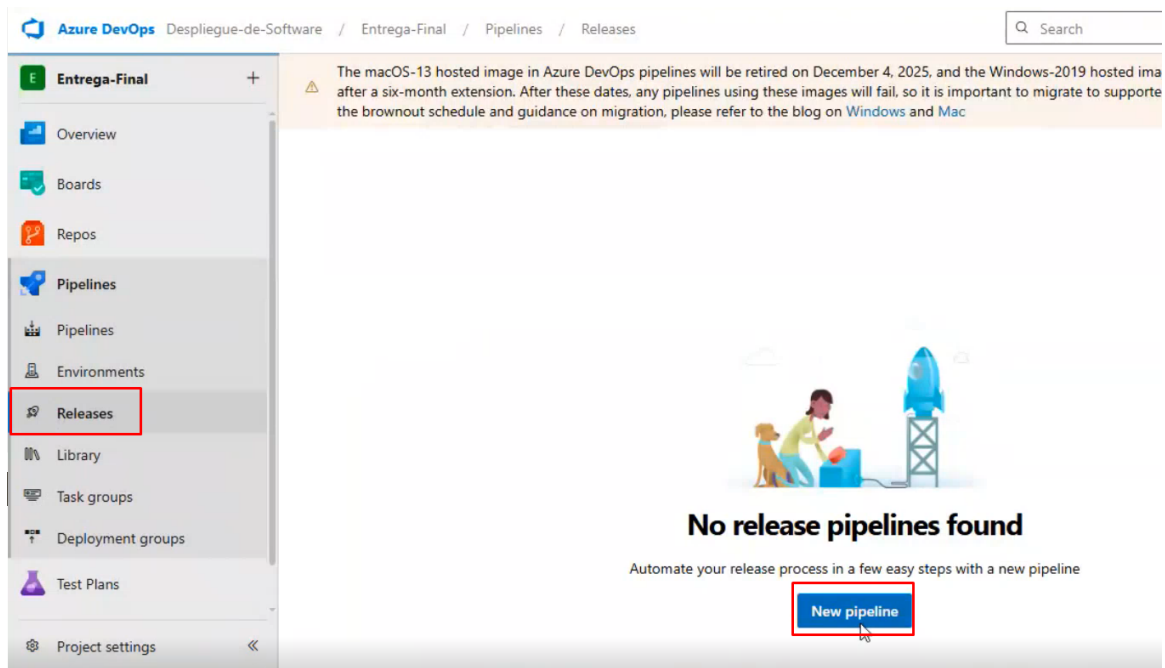


# Práctica final - Entrega Continua (CD)

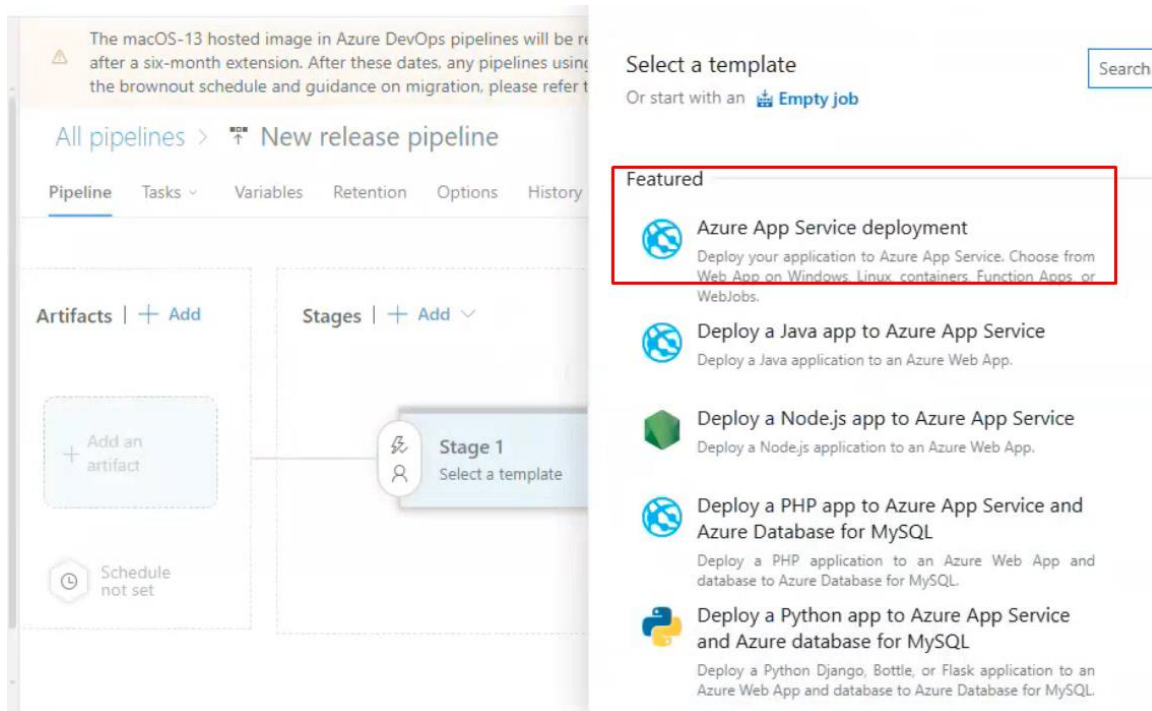
## Actividad 2: Entrega Continua (CD)

1. Configuración del Entorno de Despliegue - Usa Azure App Service para el despliegue automatizado. - Configura la CD en Azure DevOps para desplegar cada vez que se actualiza la rama principal del repositorio.

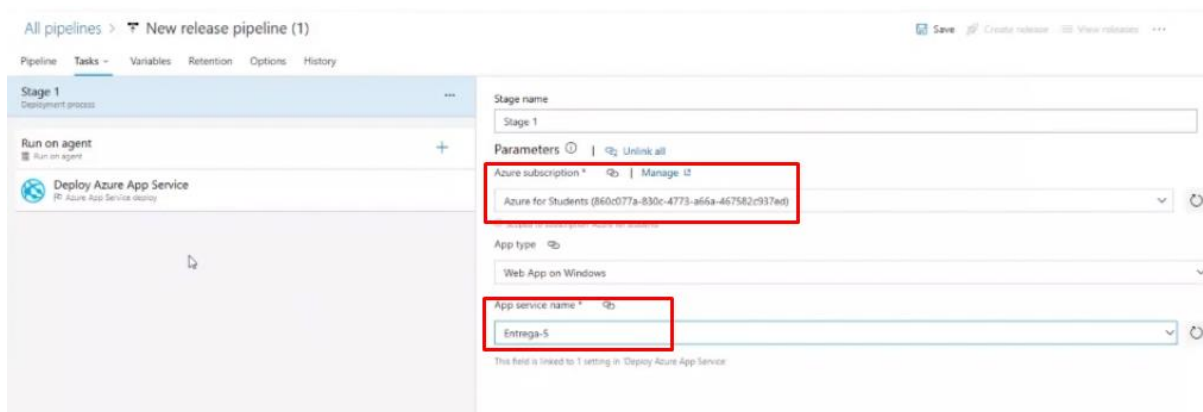
Nuevo release -> new pipeline



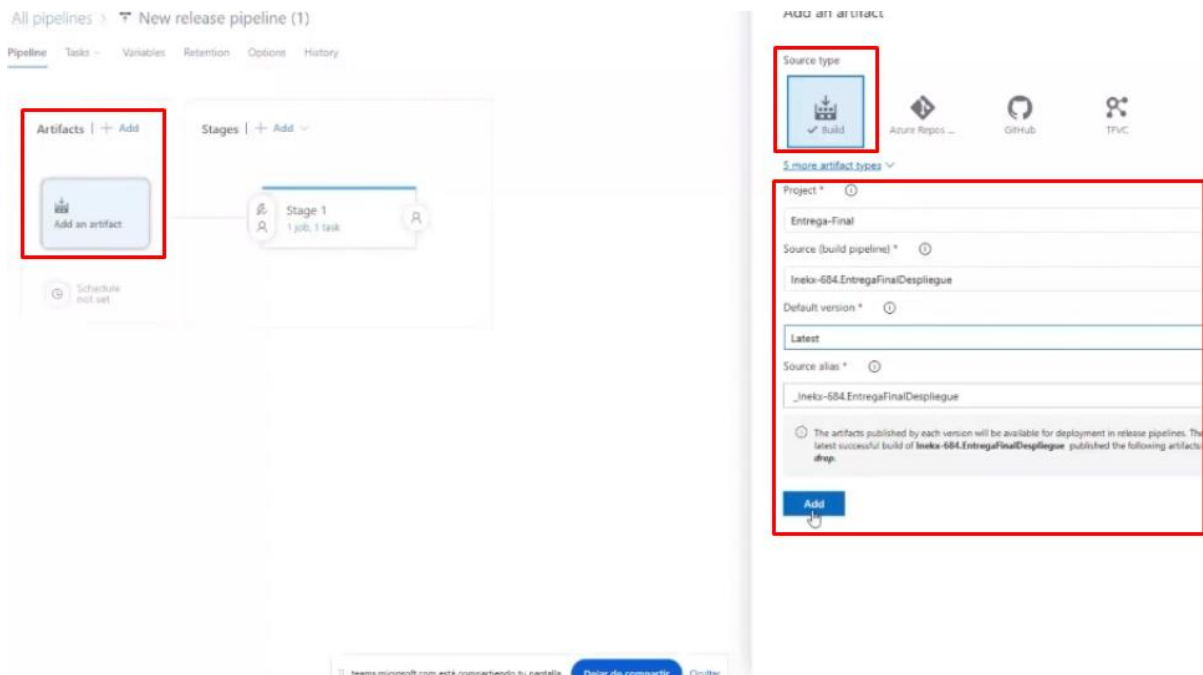
## Seleccionar template-> Azure Appservice



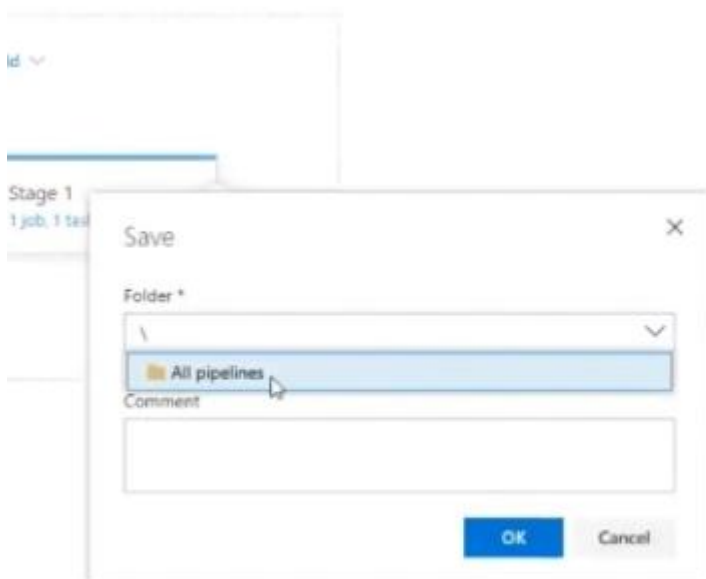
## Seleccionar task-> configurar parámetros de Azure Appservice



## Seleccionar pipeline-> configurar artefactos -> configurar los parámetros -> add



Seleccionar save -> escoger carpeta en este caso la raiz -> create release-> diligencias los campos requeridos



### Create a new release

New release pipeline (1)

**Pipeline** ⌵  
Click on a stage to change its trigger from automated to manual.

Stage 1

Stages for a trigger change from automated to manual. ⓘ

✓ Stage 1

**Artifacts** ⌵  
Select the version for the artifact sources for this release:

Source alias	Version
_Inelco-684.EntregaFinalDespliegue	20251126.5

Release description

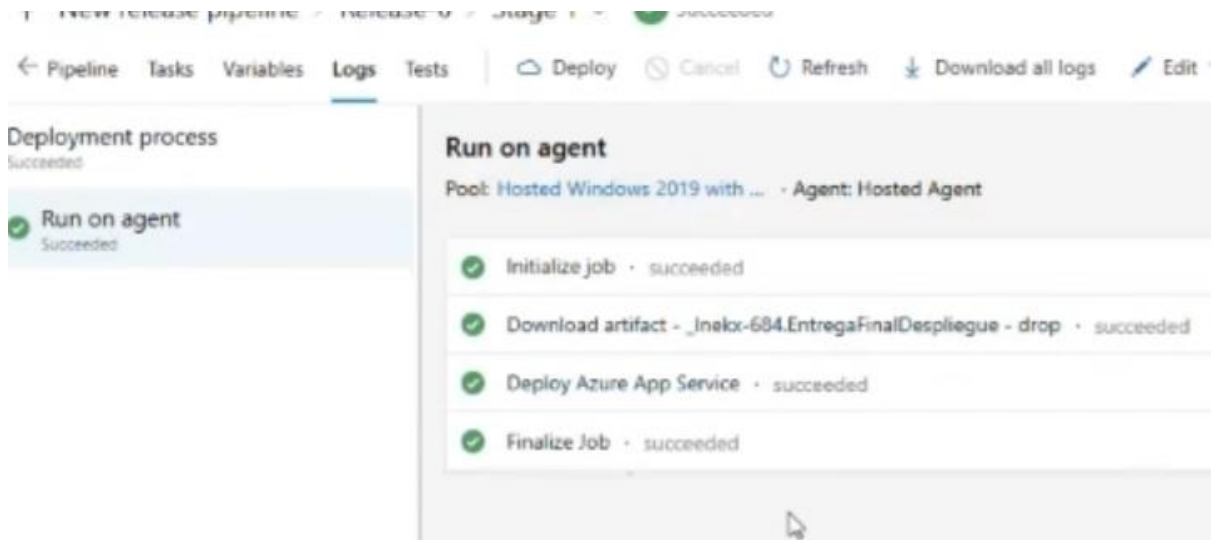
prueba

Create

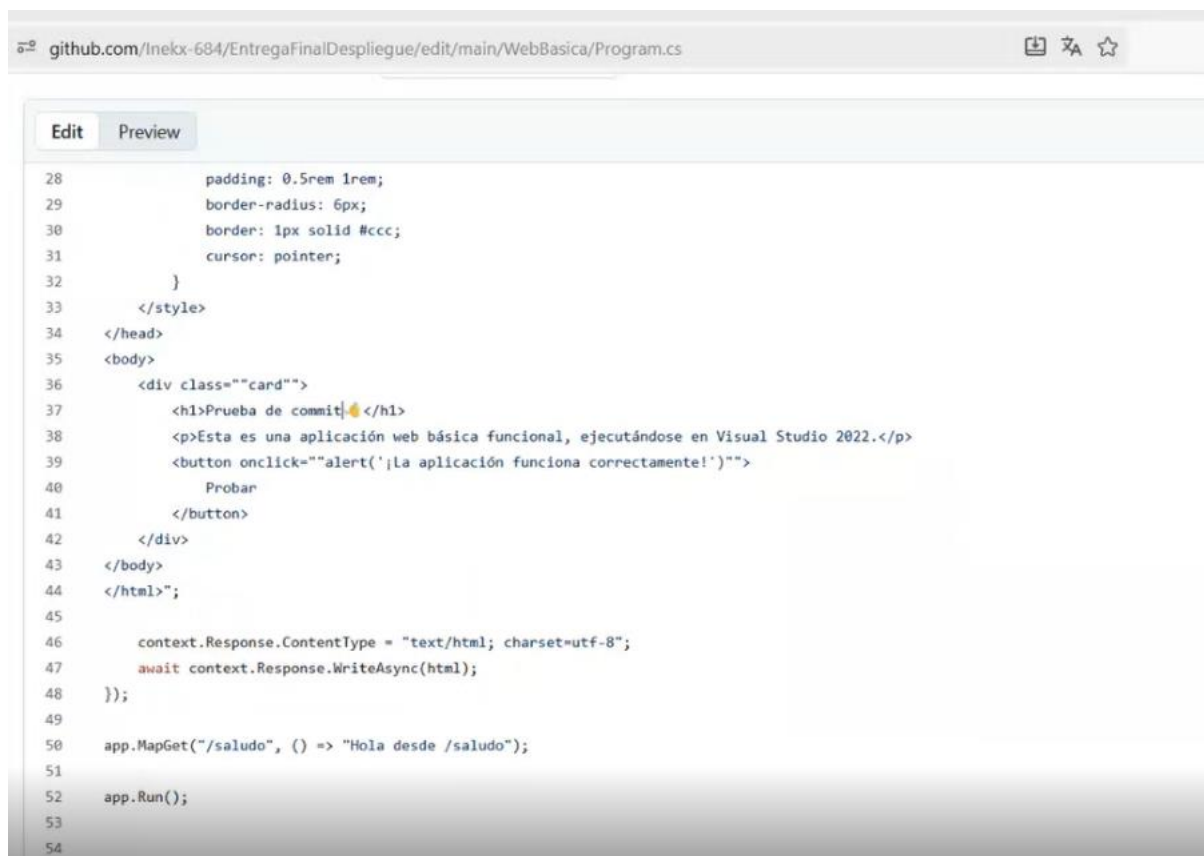
Cancel

Se observa proceso de nuestro realese

All pipelines				
Releases				
Releases	Release pipeline	Created	Stages	
<div>Release-1</div> <div>20251126... 1<sup>o</sup> main</div>	New release pipeline (1)	26/11/2025, 20:50:06	<div>○ Stage 1</div>	
<div>Release-6</div> <div>20251126... 1<sup>o</sup> main</div>	New release pipeline	25/11/2025, 21:36:52	<div>● Stage 1</div>	



2. Automatización del Despliegue - Verifica que el despliegue se realice sin intervención manual. - Asegúrate de que la app esté funcional y accesible en Azure tras cada cambio.



## Pipelines

Recent All Runs

### Recently run pipelines

Pipeline

Last run



Inekx-684.EntregaFinalDespliegue (4)

#20251127.4 • Prueba de commit

Individual CI for main



Inekx-684.EntregaFinalDespliegue

#20251127.3 • Prueba de commit

Individual CI for main

### Jobs in run #20251127.4

Inekx-684.EntregaFinalDespliegue (4)

Jobs



Job

1m 34s



Initialize job

9s



Checkout Inekx-684/EntregaFinal...

5s



Instalar .NET SDK 9

43s



Información de .NET

4s



dotnet restore

5s



dotnet build Release

16s



Instalar EF Core CLI 9

3s



Publicar aplicación

4s



Publicar artefactos



Post-job: Checkout Inekx-684/Entre...



### Publicar aplicación

```
1 Starting: Publicar aplicación
2 =====
3 Task       : .NET Core
4 Description : Build, test, package, or publish a dotnet
5 Version    : 2.264.1
6 Author     : Microsoft Corporation
7 Help       : https://docs.microsoft.com/azure/devops/
8 =====
9 C:\Windows\system32\chcp.com 65001
10 Active code page: 65001
11 Info: .NET Core SDK/runtime 2.2 and 3.0 are now End of
12 C:\hostedtoolcache\windows\dotnet\dotnet.exe publish 0:
13 Determining projects to restore...
```

### New release pipeline

Stage 1



Release-9

20251127.... main

26/11/2025, 21:28:27

Stage 1



Release-8

20251127.... main

26/11/2025, 21:21:08

Stage 1



Release-7

20251127.... main

26/11/2025, 21:13:43

Stage 1

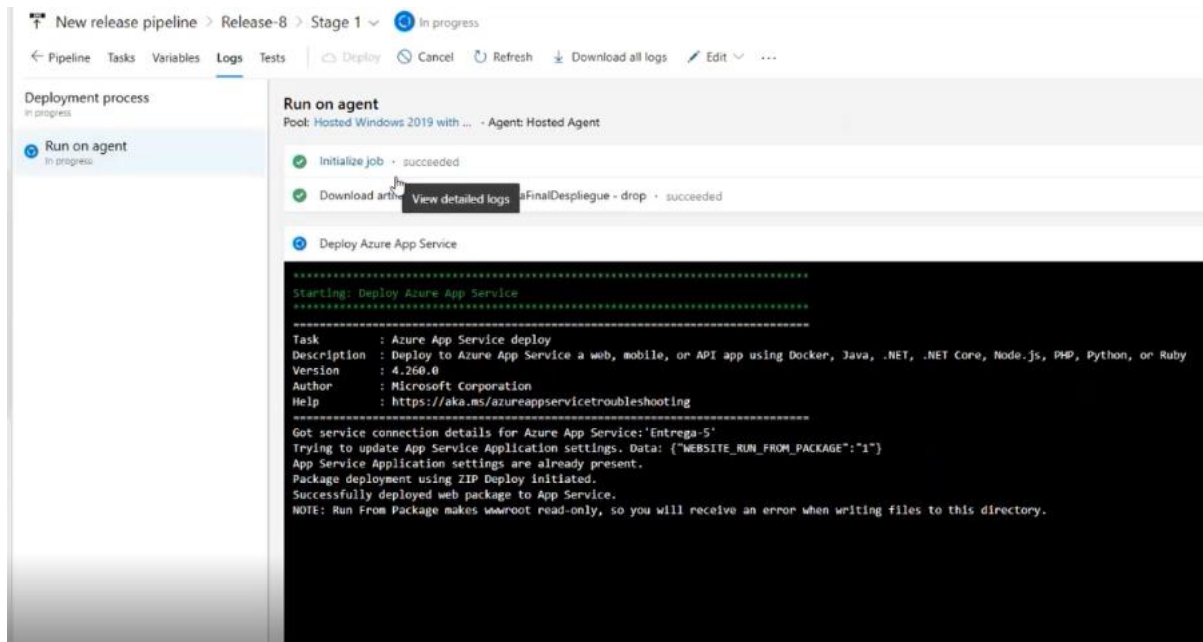


Release-6

20251126.... main

25/11/2025, 21:36:52

Stage 1



## Comprobación



## Problemas

- 1- Cuando se seleccionó el donet en el proceso de tareas, Luego de investigar, nos encontramos con que el donet no se recomienda para este proceso por lo cual se omite, y así funciona correctamente.

## All pipelines > New release pipeline

Pipeline Tasks Variables Retention Options History

### Stage 1

Deployment process

#### Run on agent

Run on agent



#### Deploy Azure App Service

Azure App Service deploy



#### dotnet build

.NET Core

#### Stages

##### Stage 1

Failed

dotnet build task failed  
on 25/11/2025, 9:19 p. m.

#### Stage 1

Failed

##### Summary

Commits Work Items

View logs

##### Now at Release-1

View all deployments

##### Deployment failed

on 25/11/2025, 9:19 p. m. • Ran for 1m 41s

Run on agent - Failed

dotnet build failed

2 errors, 1 warning

Error: The process 'C:\Program Files\dotnet\dotnet.exe' failed with exit code 1

Dotnet command failed with non-zero exit code on the following projects: [ '' ]

.NET 5 has some compatibility issues with older Nuget versions(<=5.7), so if you are using an older Nuget version(and no...

##### Manual trigger

Deployment triggered by FEDERICO RODRIGUEZ FRANCO on 25/11/2025, 9:17 p. m.

#### Deployment process

Failed

##### Run on agent

Failed • 2 errors 1 warning

#### Run on agent

Pool: Hosted Windows 2019 with ... • Agent: Hosted Agent

Initialize job • succeeded

Download artifact - \_Inlckx-684.EntregaFinalDespliegue - drop • succeeded

Deploy Azure App Service • succeeded

dotnet build • 2 errors 1 warning

Error: The process 'C:\Program Files\dotnet\dotnet.exe' failed with exit code 1  
Dotnet command failed with non-zero exit code on the following projects: [ '' ]

Finalize Job • succeeded