

RealWorld Example Application - CI/CD Using Azure DevOps - Jenkins -GitHub Actions

The screenshot shows the Azure DevOps Pipelines interface for a project named 'multi-CI-CD'. The left sidebar contains navigation links: Overview, Boards, Repos, Pipelines (selected), Environments, Releases, Library, Task groups, Deployment groups, Test Plans, and Artifacts. The main area displays 'Jobs in run #20230205.1' for the pipeline 'Savastyl.Multi'. The job is in the 'Build' stage, which includes the following steps:

- Initialize job (31s)
- Checkout Savastyl/Multi... (5s)
- Build and push an ima... (24s)
- Post-job: Checkout Savast...

The 'Build and push an image to container registry' step is expanded, showing the following Dockerfile content:

```
99 },
100 "RootFS": {
101   "Type": "layers",
102   "Layers": [
103     "sha256:8e012198ee15b2554b07014081c85fec4967a1b9cc4b65bd9a4bce3ae1c0c88",
104     "sha256:e4f9737b094b1cef7bfa9318e263fef152261aba9c5c42868ae6e58658e46d2d",
105     "sha256:59b2b8a0757523a4c6571f0b5f8a0fb82e76553c93aff9ad2cc8c52eb4059875",
106     "sha256:daea4dc419c278b72b046a76e0d3af00c11f76dd2a5d84b4f66fbc0e1ecbbd3c"
107   ]
108 },
109 "Metadata": {
110   "LastTagTime": "0001-01-01T00:00:00Z"
111 }
112 }
113 ]
114 /usr/bin/docker build -f /home/vsts/work/1/s/Dockerfile --label com.azure.dev.image.system.teamfoundation
115 Sending build context to Docker daemon 437.8kB
116
117 Step 1/19 : FROM node:16-alpine
118 ----> 0e1148518c5f
119 Step 2/19 : WORKDIR /app
120 ----> Running in e6c3facd16fb
121 Removing intermediate container e6c3facd16fb
122 ----> 73e2dd553fd9
123 Step 3/19 : COPY . .
124 ----> d3e5bc9fb6f4
125 Step 4/19 : RUN npm i
126 ----> Running in 3b8730829202
```

The screenshot shows the Azure DevOps Pipelines interface for a project named 'multi-CI-CD'. The left sidebar contains navigation links: Overview, Boards, Repos, Pipelines (selected), Environments, Releases, Library, Task groups, Deployment groups, Test Plans, and Artifacts. The main area displays 'Savastyl.Multi' with a table of pipeline runs:

Description	Stages	Run pipeline
#20230205.1 • Set up CI with Azure Pipelines Individual CI for master e36139d9		3m ago 2m 13s

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Azure DevOps savastuylu05 / multi-CI-CD / Pipelines / Releases / New release pipeline / Release-1

multi-CI-CD +

- Overview
- Boards
- Repos
- Pipelines
- Pipelines
- Environments
- Releases
- Library
- Task groups
- Deployment groups
- Test Plans
- Artifacts
- Project settings

New release pipeline > Release-1

Pipeline Variables History + Deploy Cancel Refresh Edit ...

Release

Manually triggered
by S T
2/5/2023, 2:28 AM

Artifacts

_Savastyl.Multi
20230205.1
master

Stages

Stage 1
In progress
2 tasks
Deploy Azure App Service
00:40

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

Home > Container registries > savmultiacr

Container registries
Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

- savmultiacr

savmultiacr | Activity log
Container registry

Search

Activity Edit columns Refresh Export Activity Logs Download as CSV Insights Feedback Pin current filters Reset filters

Looking for Log Analytics? In Log Analytics you can search for performance, diagnostics, health logs, and more. Visit Log Analytics

Subscription: Azure subscription 1 Event severity: All Timespan: Last 6 hours Resource group: savmultirg Resource: savmultiacr Add Filter

24 items

Operation name	Status	Time	Time stamp	Subscription	Event initiated by
Create role assignment	Succeeded	18 minutes ...	Sun Feb 05 ...	Azure subscription 1	savastuylu05@gmail.com

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Filter for any field...

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- savmultiacr

savmultiacr | Activity log
Container registry

Search

Activity Edit columns Refresh Export Activity Logs

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Subscription: Azure subscription 1 Event severity: All Timespan: Last 6 hours Resource group: savmultirg Resource: savmultiacr Add Filter

24 items

Operation name	Status	Time	Time stamp	Subscription	Event initiated by
Create role assignment	Succeeded	18 minutes ...	Sun Feb 05 ...	Azure subscription 1	savastuylu05@gmail.com

Create role assignment
Sun Feb 05 2023 02:12:17 GMT-0500 (Eastern Standard Time)

+ New alert rule

Summary JSON

```
1 {
2   "authorization": {
3     "action": "Microsoft.Authorization/roleAssignments/write",
4     "scope": "/subscriptions/ada72de6-8f03-4d1d-84fa-d4a70f7dd617/resourceGroups/savmultirg/providers/Microsoft.ContainerRegistry/registries/savmultiacr/providers/Microsoft.Authorization/roleAssignments/da74899e-95e3-4377-a4ec-160ce4378963"
5   },
6   "caller": "savastuylu05@gmail.com",
7   "channels": "Operation",
8   "claims": {
9     "aud": "https://management.core.windows.net/",
10    "iss": "https://sts.windows.net/fa017a8e-5d7a-462a-ace5-41341df9355/"
11  }
12 }
```

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

Home > App Services > savmultiapp

App Services
Default Directory

+ Create Manage view ...

Filter for any field...

Name ↑

- savmultiapp

savmultiapp | Deployment Center
Web App

Refresh Logs Disconnect Edit Sync

Activity logs

2/5/2023

Deployed successfully to production
Build 20230205.1 Release 1 2:30 AM

Production
Build 20230205.1 Release 1

Microsoft Azure

Search resources, services, and docs (G+/I)

Home > Container registries >

Container registries

Default Directory

+ Create

Manage view

...

Filter for any field...

Name ↑

savmultiacr

...

Overview

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Access control (IAM)

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Quick start

Events

Settings

Access keys

Encryption

Identity

Networking

Microsoft Defender for Cloud

Locks

Services

Repositories

Webhooks

Replications

Tasks

Connected registries (Preview)

Repository permissions

Tokens (Preview)

Scope maps (Preview)

Policies

Content trust

Retention (Preview)

savmultiacr

Container registry

Search

Move

Delete

Update

Essentials

Resource group (move) : savmultig

Location : East US

Subscription (move) : Azure subscription 1

Subscription ID : ada72d66-8f03-4d1d-84fa-d4a707dd617

Login server : savmultiacr.azurecr.io

Creation date : 2/5/2023, 1:58 AM EST

SKU : Premium

Provisioning state : Succeeded

Soft Delete (Preview) : Disabled

Usage

Included in SKU : 500 GiB

Used : 0.11 GiB

Additional storage : 0.00 GiB

ACR Tasks

Build, Run, Push and Patch containers in Azure with ACR Tasks. Tasks supports Windows, Linux and ARM with QEMU.

Learn more

Container security integrations

Microsoft Defender for Cloud

Vulnerability management, runtime protection, and hardening recommendations for your containers and container environments.

Learn more

Registry metrics

Show data for time period

1 hour

6 hours

12 hours

1 day

7 days

30 days

Image pull count

Image push count

Page 1 of 1

Microsoft Azure

Search resources, services, and docs (G+/I)

Home > App Service plans >

App Service plans

Default Directory

+ Create

Manage view

...

Filter for any field...

Name ↑

ASP-savmultig-9fec

...

savmultiplan

...

Overview

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Access control (IAM)

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Diagnose and solve problems

Events (preview)

Settings

Apps

File system storage

Networking

Scale up (App Service plan)

Scale out (App Service plan)

Properties

Locks

Monitoring

Alerts

Metrics

Logs

Diagnostic settings

Automation

Tasks (preview)

Export template

Support + troubleshooting

Resource health

New Support Request

savmultiplan

Linux plan

Search

Delete

Send us your feedback

Essentials

Resource group (move) : savmultig

Status : Ready

Location : East US

Subscription (move) : Azure subscription 1

Subscription ID : ada72d66-8f03-4d1d-84fa-d4a707dd617

Tags (edit) : Click here to add tags

App Service Plan : savmultiplan (B1:1)

App(s) / Slots : 0 / 0

Operating System : Linux

Zone redundant : Disabled

CPU Percentage

Memory Percentage

Data In

Data Out

Page 1 of 1

Microsoft Azure

Search resources, services, and docs (G+V)

Home > App Services >

App Services

Default Directory

+ Create

Manage view

...

Filter for any field...

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savmultiapp

...

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Diagnose and solve problems

Microsoft Defender for Cloud

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Identity

Backups

Custom domains

Custom domains (classic)

Certificates

TLS/SSL settings (classic)

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Scale up (App Service plan)

Scale out (App Service plan)

Webjobs

Push

savmultiapp

Web App

Search

...

Browse

Stop

Swap

Restart

Delete

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Download publish profile

Reset publish profile

Share to mobile

Send us your feedback

Essentials

Resource group (move)

Status

Location (move)

Subscription (move)

Subscription ID

Tags (edit)

URL

App Service Plan

Operating System

Health Check

JSON View

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Name

Publishing model

Container

Container image

Application Insights

Name

Enable Application Insights

Deployment Center

Deployment logs

View logs

Networking

Virtual IP address

Outbound IP addresses

Additional Outbound IP addresses

savmultiapp.azurewebsites.net

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Home - Microsoft A...

AWS Management...

Cloud Computing...

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GitHub

The Twelve-Factor...

Guzel linker

IT

DevOps

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Other bookmarks

conduit

Home

Sign in

Sign up

conduit

A place to share your knowledge.

Global Feed

Anah Benešová

Fri Dec 09 2022

352

If we quantify the alarm, we can get to the FTP pixel through the online SSL interface!

Omnis perspicatis qui quia commodi sequi modi. Nostrum quam aut cupiditate est facere omnis possimus. Tenetur similique nemo illo soluta molestias facere quo. Ipsam totam facilis delectus nihil quidem soluta vel est omnis.

Read more...

rerum

maiores

omnis

quae

Anah Benešová

Fri Dec 09 2022

410

Try to transmit the HTTP card, maybe it will override the multi-byte hard drive!

Assumenda molestiae laboriosam enim ipsum querae enim officia vel quo. Earum odit rem natus totam atque cumque. Sint dolorem facere non.

Read more...

voluptate

rerum

ducimus

hic

Anah Benešová

Fri Dec 09 2022

89

quantifying the microchip wont do anything, we need to index the online SQL hard drive!

Minima soluta sed sed et optio explicabo at distinctio repudiandae. Magnam deleniti a ea. Non velit accusamus veniam qui. Necessitatibus velit ad aut officis in officis quasi. Sunt nulla dolores voluptatem esse magnam ut.

Popular Tags

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introduction

codebaseShow

ipsum

qui

et

quia

cupiditate

deserunt

Microsoft Azure

Search resources, services, and docs (G+7)

Home > Resource groups > savmultitg

Resource groups

Default Directory

Create

Manage view

Filter for any field...

Name ↑

savmultitg

savmultitg | Resource visualizer

Resource group

Search

Choose resources

Reset diagram

Zoom to fit

Refresh

Export PNG

Feedback

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savmultiacr

Container registry

savmultiplan

App Service plan

savmultiapp

App Service

ASP-savmultitg-9fec

App Service plan

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Microsoft Azure

Search resources, services, and docs (G+7)

Home > savmultitg

savmultitg | Deployments

Resource group

Search

Refresh

Cancel

Redeploy

Delete

View template

Filter by deployment name or resources in the deployment...

Deployment name	Status	Last modified	Duration	Related events
Microsoft.ContainerRegistry	Succeeded	2/5/2023, 1:58:45 AM	9 seconds	Related events
Microsoft.Web-ASP-Portal-4febff8c-83c2	Succeeded	2/5/2023, 12:23:42 AM	5 seconds	Related events
Microsoft.Web-WebApp-Portal-6ea697b5-b21c	Succeeded	2/5/2023, 12:23:25 AM	27 seconds	Related events

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

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Deployments

Security

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Locks

Cost Management

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Other bookmarks

Search or jump to...

Pull requests

Issues

Codespaces

Marketplace

Explore

Savastyl / Multi-CD

Public

Pin

Unwatch 1

Fork 0

Star 0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

← Docker Image CI

Create docker-image.yml #1

Cancel workflow

...

Summary

Jobs

Run details

Usage

Workflow file

build

Triggered via push now

Savastyl pushed → b26af90 master

Status

In progress

Total duration

—

Artifacts

—

docker-image.yml

on: push

build 19s

YouTube

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Home - Microsoft A...

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Other bookmark

Search or jump to...

Pull requests

Issues

Codespaces

Marketplace

Explore

Savastyl / Multi-CD

Public

Pin

Unwatch 1

Fork 0

Star 0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

← Docker Image CI

Create docker-image.yml #1

Re-run all jobs

...

Summary

Jobs

Run details

Usage

Workflow file

build

build

succeeded 1 minute ago in 1m 16s

Search logs

Settings

> Set up job 1s

> Run actions/checkout@v3 1s

> Build the Docker image 1m 10s

> Post Run actions/checkout@v3 0s

> Complete job 0s