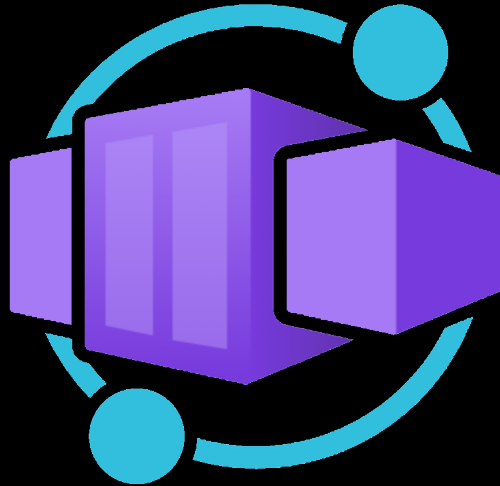


Azure Container Apps Jobs

- ➔ Manual trigger
- ➔ Scheduled jobs
- ➔ Event driven



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Container Apps Jobs

Run containerized tasks that **execute for a finite duration and exit**.

Perform tasks such as data processing, machine learning, or any scenario where **on-demand processing** is required.

Run in the same **environment**, share capabilities such as networking and logging.

<input type="checkbox"/>	Name ↑↓	Type ↑↓
<input type="checkbox"/>	 aca-app	Container App
<input type="checkbox"/>	 aca-env	Container Apps Environment
<input type="checkbox"/>	 aca-job	Container App Job (Preview)
<input type="checkbox"/>	 aca-job-scheduled	Container App Job (Preview)
<input type="checkbox"/>	 workspace-rgacahLJV	Log Analytics workspace

Container Apps Jobs trigger types

Manual: triggered on-demand.

`--trigger-type "Manual"`

Schedule: triggered at specific times and can run repeatedly.

`--trigger-type "Schedule" --cron-expression "*/1 * * * *"`

Event: triggered by events such as a message arriving in a queue.

`--trigger-type "Event" --scale-rule-name "queue" --scale-rule-type "azure-queue"`

`--scale-rule-metadata "accountName=mystorage" "queueName=myqueue" "queueLength=1"`

`--scale-rule-auth "connection=connection-string"`


`--secrets "connection-string=<QUEUE_CONN_STRING>"`

☐ Name ↑↓

☐  aca-app

☐  aca-env

☐  aca-job






☐  aca-job-scheduled


☐  workspace-rgacahLJV

Container Apps Jobs creation

```
az containerapp job create `
  --name $ACA_JOB --resource-group $ACA_RG --environment $ACA_ENVIRONMENT `
  --trigger-type "Manual" `
  --image "mcr.microsoft.com/k8se/quickstart-jobs:latest"

az containerapp job start --name $ACA_JOB --resource-group $ACA_RG
```

<input type="checkbox"/>	Name ↑↓	Type ↑↓
<input type="checkbox"/>	 aca-app	Container App
<input type="checkbox"/>	 aca-env	Container Apps Environment
<input checked="" type="checkbox"/>	 aca-job	Container App Job (Preview)
<input type="checkbox"/>	 aca-job-scheduled	Container App Job (Preview)
<input type="checkbox"/>	 workspace-rgacahLJV	Log Analytics workspace

 **aca-job** | Execution history ☆ ⋮
Container App Job (Preview)

Overview

Tags

Settings

Locks

Monitoring

Logs

Execution history

Automation



Tasks (preview)

Refresh

The most recent job executions are shown here. For older executions or more advanced analysis, see [Logs](#)

Recent executions


2 items

Name ↑	Status ↑	Start time ↑	Logs
aca-job-voq998g	 Running	2023-07-28T15:34:29+00:00	View logs
aca-job-p27d3de	 Succeeded	2023-07-28T13:52:30+00:00	View logs

Container Apps Jobs execution history

```
az containerapp job execution list -n $ACA_JOB -g $ACA_RG -o table
```

Name	StartTime	Status
aca-job-voq998g	2023-07-28T15:34:29+00:00	Succeeded
aca-job-p27d3de	2023-07-28T13:52:30+00:00	Succeeded

aca-job | Execution history

Container App Job (Preview)

Search

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Execution history

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Tasks (preview)



Refresh

The most recent job executions are shown here. For older executions or more advanced analysis, see [Logs](#)

Recent executions

Filter by name

2 items

Name ↑	Status ↑	Start time ↑	Logs
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Container Apps Jobs logs

aca-job | Logs

Container App Job (Preview)

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Automation

Tasks (preview)

Support + troubleshooting

New Support Request

New Query 1*

New Query 2

workspace-rgacah...

Select scope

Run

Time range : Last 24 hours

Save

Share

ContainerAppConsoleLogs_CL

where ContainerGroupName_s startswith 'aca-job-'

order by _timestamp_d asc

project ContainerName_s, Log_s

Results

Chart

ContainerName_s	Log_s
> aca-job	2023/07/28 13:52:32 This is a sample application that demonstrates how to use Azure Container Apps jobs
> aca-job	2023/07/28 13:52:32 Starting processing...
> aca-job	2023/07/28 13:52:37 Finished processing. Shutting down!
> aca-job-scheduled	2023/07/28 14:48:00 This is a sample application that demonstrates how to use Azure Container Apps jobs
> aca-job-scheduled	2023/07/28 14:48:00 Starting processing...
> aca-job-scheduled	2023/07/28 14:48:05 Finished processing. Shutting down!
> aca-job-scheduled	2023/07/28 14:49:00 This is a sample application that demonstrates how to use Azure Container Apps jobs

0s 323ms | Display time (UTC+00:00)

Query details | 1 - 7 of 171