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Microsoft.Web-FunctionApp-Portal-f5c46325-9524 | Overview

Deployment

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Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.Web-FunctionApp-Portal-f5c... Start time : 10/6/2024, 7:05:55 PM
Subscription : Azure for Students Correlation ID : 2390a084-19e4-4d0a-9183-4e05030af...
Resource group : HHA-504

> Deployment details

Next steps

Go to resource



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Hello_World_Function | Code + Test

Ryan-Function

Code + Test Integration Function Keys Invocations Logs Metrics

Save Discard Refresh Test/Run Get function URL Disable Delete Upload Resource JSON Send us your feedback

Ryan-Function / function_app.py

```
1 import azure.functions as func
2 import logging
3
4 app = func.FunctionApp(http_auth_level=func.AuthLevel.FUNCTION)
5
6 @app.route(route="Hello_World_Function")
7 def Hello_World_Function(req: func.HttpRequest) -> func.HttpResponse:
8     logging.info('Python HTTP trigger function processed a request.')
9
10     name = req.params.get('name')
11     if not name:
12         try:
13             req_body = req.get_json()
14         except ValueError:
```

Logs

App Insights Logs Log Level Stop Copy Clear Maximize Send us your feedback

Connected! You are now viewing logs of Function runs in the current Code + Test panel. To see all the logs for this Function, please go to 'Logs' from the Function menu.

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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Hello_World_Function | Code + Test

Ryan-Function

Code + Test Integration Function Keys Invocations Logs Metrics

Save Discard Refresh Test/Run Get function URL Disable Delete Upload Resource JSON Send us your feedback

Ryan-Function / function_app.py

```
12 try:
13     req_body = req.get_json()
14 except ValueError:
15     pass
16 else:
17     name = req_body.get('name')
18
19 if name:
20     return func.HttpResponse(f"Hello, {name}. This HTTP triggered function executed successfully.")
21 else:
22     return func.HttpResponse(
23         "This HTTP triggered function executed successfully. Pass a name in the query string or in the request body for a personalized response.",
24         status_code=200
25     )
```

Logs

App Insights Logs Log Level Stop Copy Clear Maximize Send us your feedback

```
2024-10-06T23:12:51Z [Verbose] Sending invocation id: 'bee1a9a4-c780-4c41-b68b-fe23c0562923
2024-10-06T23:12:51Z [Verbose] Posting invocation id:bee1a9a4-c780-4c41-b68b-fe23c0562923 on workerId:29e5f493-e93d-4b9b-92fc-05b43868e8d6
2024-10-06T23:12:51Z [Information] Python HTTP trigger function processed a request.
2024-10-06T23:12:51Z [Information] Executed 'Functions.Hello_World_Function' (Succeeded, Id=bee1a9a4-c780-4c41-b68b-fe23c0562923, Duration=47ms)
2024-10-06T23:12:53Z [Information] Executing 'Functions.Hello_World_Function' (Reason='This function was programmatically called via the host APIs.', Id=d54a348b-05fd-4be5-8c0a-3d4a9a7e1d90)
2024-10-06T23:12:53Z [Verbose] Sending invocation id: 'd54a348b-05fd-4be5-8c0a-3d4a9a7e1d90
2024-10-06T23:12:53Z [Verbose] Posting invocation id:d54a348b-05fd-4be5-8c0a-3d4a9a7e1d90 on workerId:29e5f493-e93d-4b9b-92fc-05b43868e8d6
2024-10-06T23:12:53Z [Information] Python HTTP trigger function processed a request.
2024-10-06T23:12:53Z [Information] Executed 'Functions.Hello_World_Function' (Succeeded, Id=d54a348b-05fd-4be5-8c0a-3d4a9a7e1d90, Duration=11ms)
```

Google Cloud

Ryan-Li-HHA504 cloud functions Search

Cloud Run functions Function details EDIT DELETE COPY LEARN

✓ Hello_World_Function Cloud Run function (Deployed at Oct 6, 2024, 8:03:45 PM) URL: https://us-central1-ryan-li-hha504.cloudfunctions.net/Hello_World_Function View in Cloud Run [hello-world-function](https://us-central1-ryan-li-hha504.cloudfunctions.net/Hello_World_Function)

METRICS DETAILS SOURCE VARIABLES TRIGGER PERMISSIONS LOGS TESTING

Predefined 1 hour 6 hours 12 hours 1 day 2 days 4 days 7 days 14 days 30 days

Invocations/Second

No data is available for the selected time frame.

UTC-4 7:10 PM 7:20 PM 7:30 PM 7:40 PM 7:50 PM 8:00 PM

0 time series

Execution time

No data is available for the selected time frame.

UTC-4 7:10 PM 7:20 PM 7:30 PM 7:40 PM 7:50 PM 8:00 PM

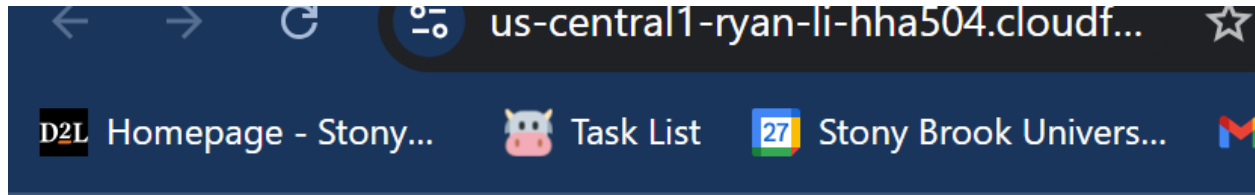
0 time series

Memory utilization

No data is available for the selected time frame.

Instance count

Oct 6, 2024, 7:04:03 PM No data is available for the selected time frame.



Hello World!

Setting up serveless functions in cloud environments was relatively easy. I would say GCP was a bit more streamlined but Azure also wasn't too bad to navigate. Overall, they are a flexible and cost effective way to run code without manually managing the server. Developers can focus on simply writing the code while they hire another cloud provider to handle the scaling and infrastructure. This is particularly useful for tasks like event-driven processes, APIs and scheduled jobs. Benefits include automatic scaling, reduced costs, and faster deployment.