

Neighorly App Deliverables – Luteri

1. A screenshot from the Azure portal showing the database & collections

The screenshot displays the Azure portal interface for the **lutericosmosdb** Azure Cosmos DB API for MongoDB account. The left sidebar contains navigation options such as Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Quick start, Notifications, Data Explorer, Settings, Connection String, Features, Replicate data globally, Default consistency, Backup & Restore, Firewall and virtual networks, Private Endpoint Connections, Data Migration, Preview Features, Locks, Collections, Browse, Scale, Monitoring, Insights (preview), Alerts, Metrics, Logs, Diagnostic settings, Metrics (Classic), Workbooks, Automation, Tasks (preview), Export template, Support + troubleshooting, and New support request.

The main content area shows the **Essentials** section with the following details:

- Status: Online
- Resource group: [learn-1ddb7d8b-9d86-4988-80bc-04f0d50e81bf](#) (change)
- Subscription: [Cognitive Subscription](#) (change)
- Subscription ID: ed461386-f1ee-4371-bf7e-274a2e30e138
- Backup policy: Periodic
- Read Locations: East US 2
- Write Locations: East US 2
- URI: <https://lutericosmosdb.mongo.cosmos.azure.com:443/>
- Server Version: 4.0
- Free Tier Discount: Opted Out

The **Collections** section displays a table with the following data:

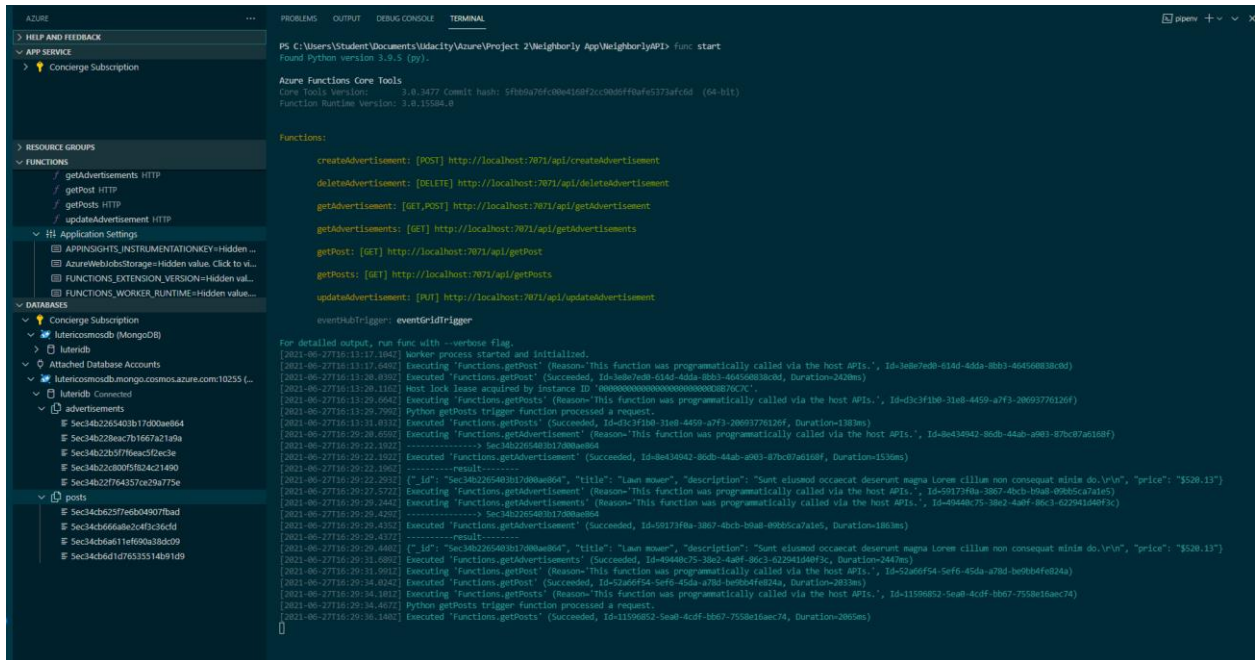
ID	Database	Throughput (RU/s)
posts	luteridb	400
advertisements	luteridb	400

The **Monitoring** section shows the number of requests per 5 minutes for the last 24 hours. The chart displays four data series: Find (green), Insert (blue), Delete (purple), and Create (red). The Y-axis ranges from 0 to 7, and the X-axis shows time intervals from 12 PM to 6 AM.

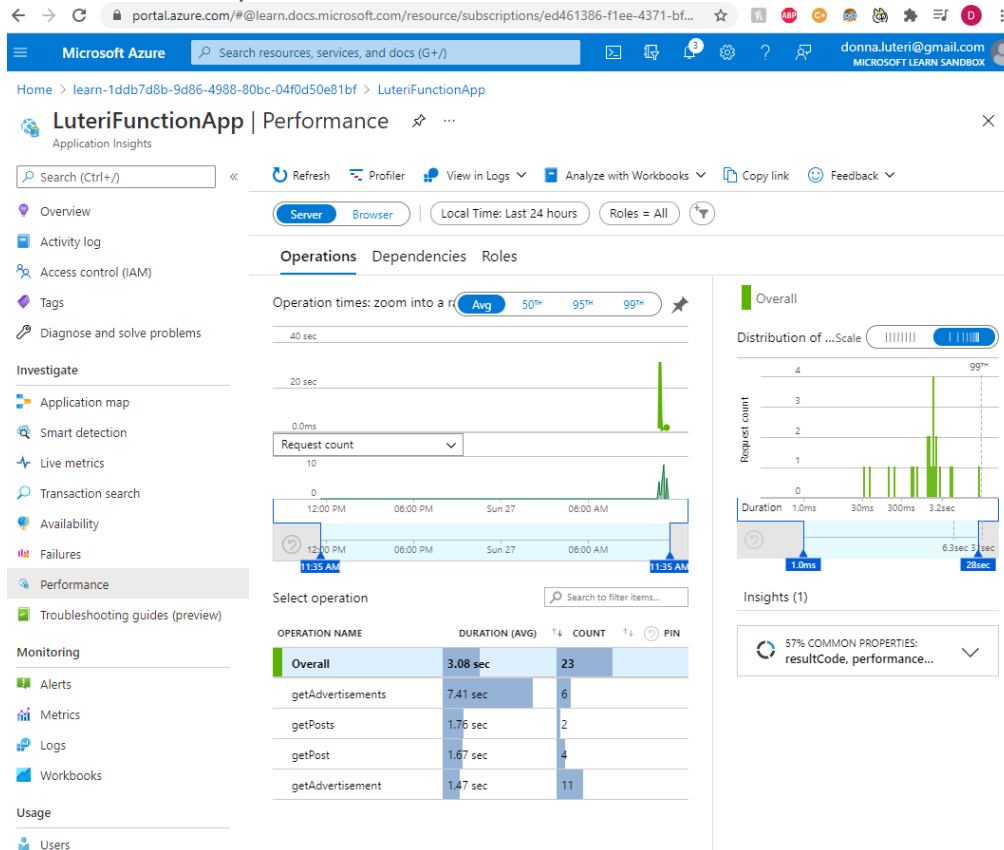
The **Request Charge** section shows the request charge per 5 minutes for the last 24 hours. The chart displays four data series: Insert (blue), Find (green), Delete (purple), and Create (red). The Y-axis ranges from 0 to 90, and the X-axis shows time intervals from 12 PM to 6 AM.

The **Estimated Cost (hourly)** section shows the estimated cost per hour for the last 24 hours. The chart displays two data series: Throughput (blue) and Storage (green). The Y-axis ranges from 0 to 100, and the X-axis shows time intervals from 12 PM to 6 AM.

2. A **screenshot** from the terminal giving confirmation that the two pieces of sample data for advertisements (5 documents) and posts (4 documents) were imported correctly, or include this data in the **live website**.



3. *Triggers in Azure* - A **screenshot**, including URL, from the Azure portal where it is shown what endpoints are live.



4. *Triggers Connect to Database* - A **screenshot**, including URL, of at least the data returned from querying the `getAdvertisements` endpoint; other endpoints will be checked for reasonableness within the related code files.

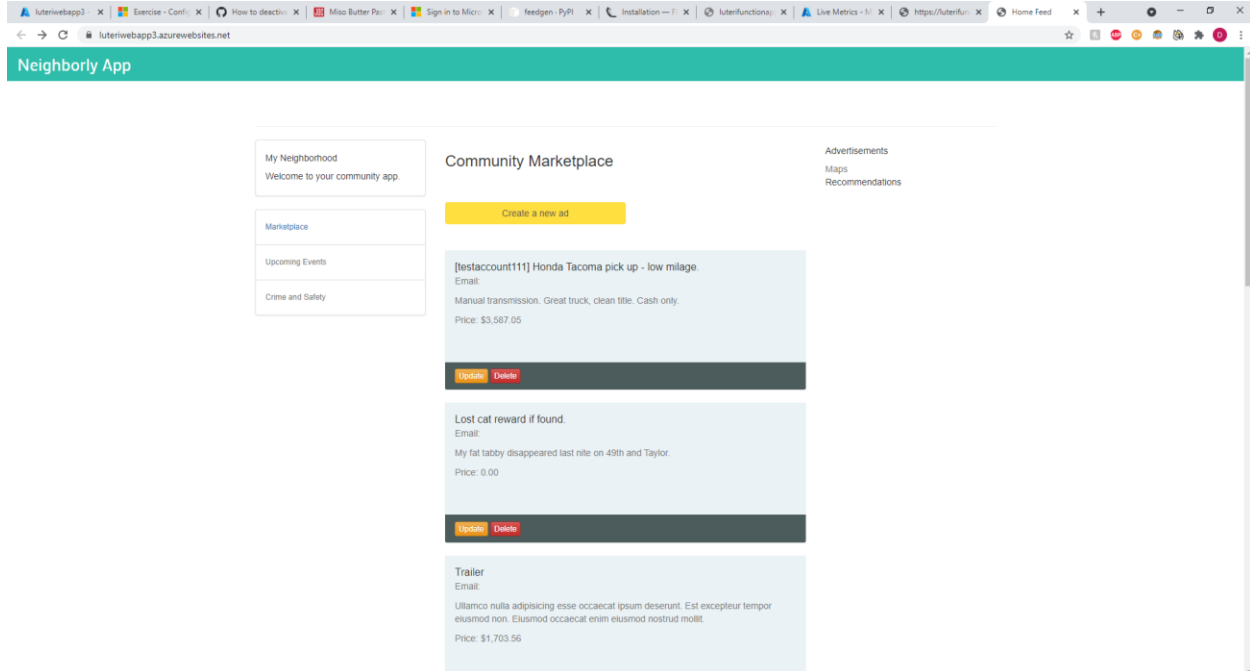
```
localhost:7071/api/getAdvertiser x +
localhost:7071/api/getAdvertisements

{"_id": "5ec34b22b5f7f6eac5f2ec3e", "title": "[testaccount111] Honda Tacoma pick up - low milage.", "description": "Manual transmission. Great truck, clean title. Cash only.", "price": "$3,587.05", "city": "Poolsville"}, {"_id": "5ec34b22c800f5f824c21490", "title": "Lost cat reward if found.", "description": "My fat tabby disappeared last nite on 49th and Taylor.", "price": "0.00"}, {"_id": "5ec34b22f764357ce29a775e", "title": "Trailer", "description": "Ullamco nulla adipiscing esse occaecat ipsum deserunt. Est excepteur tempor eiusmod non. Eiusmod occaecat enim eiusmod nostrud mollit.\r\n", "price": "$1,703.56"}, {"_id": "5ec34b2265403b17d00ae864", "title": "Lawn mower", "description": "Sunt eiusmod occaecat leserunt magna Lorem cillum non consequat minim do.\r\n", "price": "$520.13"}, {"_id": "5ec34b228eac7b1667a21a9a", "title": "Dirt", "description": "Et ea officia occaecat minim adipiscing. Ut nostrud sunt mollit ex labore. Exercitation ut exercitation sint reprehenderit duis reprehenderit.\r\n", "price": "Free"}]
```

```
https://luterfunctionapp.azurewe x +
luterfunctionapp.azurewebsites.net/api/getAdvertisements?

[{"_id": "5ec34b22b5f7f6eac5f2ec3e", "title": "[testaccount111] Honda Tacoma pick up - low milage.", "description": "Manual transmission. Great truck, clean title. Cash only.", "price": "$3,587.05", "city": "Poolsville"}, {"_id": "5ec34b22c800f5f824c21490", "title": "Lost cat reward if found.", "description": "My fat tabby disappeared last nite on 49th and Taylor.", "price": "0.00"}, {"_id": "5ec34b22f764357ce29a775e", "title": "Trailer", "description": "Ullamco nulla adipiscing esse occaecat ipsum deserunt. Est excepteur tempor eiusmod non. Eiusmod occaecat enim eiusmod nostrud mollit.\r\n", "price": "$1,703.56"}, {"_id": "5ec34b2265403b17d00ae864", "title": "Lawn mower", "description": "Sunt eiusmod occaecat deserunt magna Lorem cillum non consequat minim do.\r\n", "price": "$520.13"}, {"_id": "5ec34b228eac7b1667a21a9a", "title": "Dirt", "description": "Et ea officia occaecat minim adipiscing. Ut nostrud sunt mollit ex labore. Exercitation ut exercitation sint reprehenderit duis reprehenderit.\r\n", "price": "Free"}, {"_id": {"$oid": "60ea40aee512266a597f3d26"}, "title": "Donna's Ad", "city": "Chicago, IL, USA", "description": "I created a new ad!", "email": "donna.luteri@gmail.com", "imgUrl": "https://cdn.techhq.com/wp-content/uploads/2020/10/shutterstock_1724615506.png", "price": "Free"}, {"_id": {"$oid": "60ea4125e512266a597f3d2b"}, "title": "New Ad", "city": "Chicago, IL, USA", "description": "I created a new ad!", "email": "fakeemail@fake.com", "imgUrl": "https://cdn.techhq.com/wp-content/uploads/2020/10/shutterstock_1724615506.png", "price": "Free"}]
```

5. *Flask Front End: Localhost* - A **screenshot** of the front-end appropriately pulling up posts when you visit localhost. Note that if you have provided a screenshot or URL to a **live site** with the front-end later on in the assignment, that can also be used as proof here.



2. Logic Apps & Event Hubs

1. *Logic App* - A **screenshot** from your inbox notification.
2. *Event Hub* - A **screenshot** with the namespace URL.

Search Postman

Invite

Upgrade

Overview

DEL https://localhost7...

Release Notes

POST https://luterieven...

+

...

No Environment

Save

</>

POST

https://luterieventgridtopic.westus-1.eventgrid.azure.net/api/events?*=HNJSB70gbwePhs6Dx2N/10IF9F0sWXIL/TJ39hjxTo=

Send

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

1

2

3

4

5

6

7

8

9

10

11

12

13

14

[

{

"id": "12345",

"eventType": "myEventTest",

"subject": "pubSubTest/event",

"eventTime": "2028-07-15T21:08:28+00:00",

"data": {

"name": "Luteri"

}

,

"dataVersion": "1.0",

"metadataVersion": "1",

"topic": "/subscriptions/calle948-0057-45c2-9dd3-7329889d7406/resourceGroups/cloud-demo-151196/providers/Microsoft.EventGrid/topics/luterieventgridtopic"

}

]

Body

Cookies

Headers (6)

Test Results

Status: 200 OK

Time: 316 ms

Size: 261 B

Save Response

Pretty

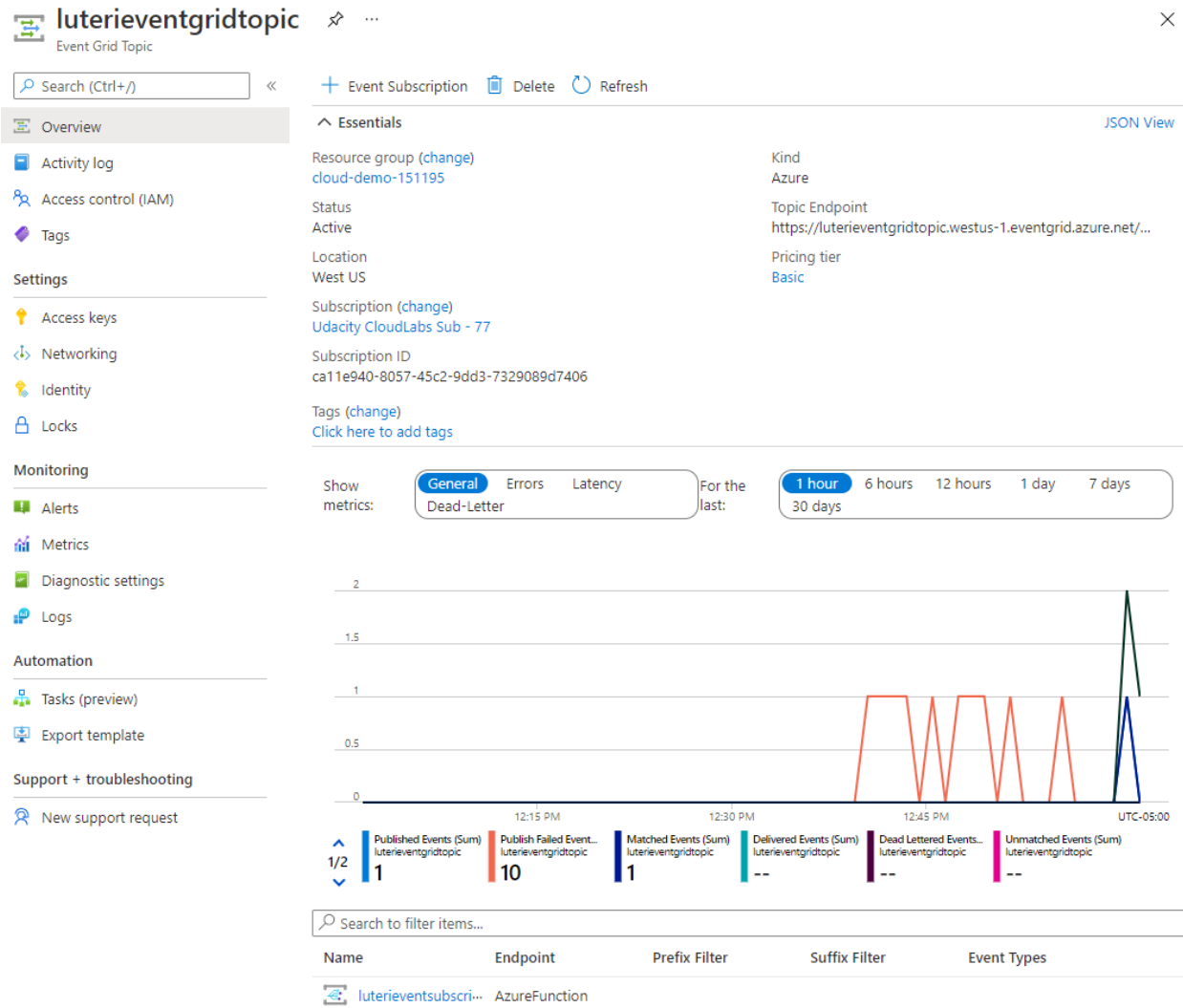
Raw

Preview

Visualize

Text

1



3. Deploying Your Application

1. *App Service Deployment* - The **live url** from Azure App Service (which should be accessible to all users on the World Wide Web), or a **screenshot** should be provided, including the URL, of the previously live site.

Home Feed

luteriwebapp.azurewebsites.net

Neighorly App

My Neighborhood

Welcome to your community app.

Marketplace

Upcoming Events

Crime and Safety

Community Marketplace

Create a new ad

[testaccount111] Honda Tacoma pick up - low milage.

Email:

Manual transmission. Great truck, clean title. Cash only.

Price: \$3,587.05

UpdateDelete

Lost cat reward if found.

Email:

My fat tabby disappeared last nite on 49th and Taylor.

Price: 0.00

UpdateDelete

Trailer

Email:

Ullamco nulla adipisicing esse occaecat ipsum deserunt. Est excepteur tempor eiusmod non. Eiusmod occaecat enim eiusmod nostrud mollit.

Price: \$1,703.56

UpdateDelete

Lawn mower

Email:

Sunt eiusmod occaecat deserunt magna Lorem cillum non consequat minim do.

Price: \$520.13

UpdateDelete

Dirt

Email:

Et ea officia occaecat minim adipisicing. Ut nostrud sunt mollit ex labore. Exercitation ut exercitation sint reprehenderit duis reprehenderit.

Price: Free

UpdateDelete

Advertisements


Maps

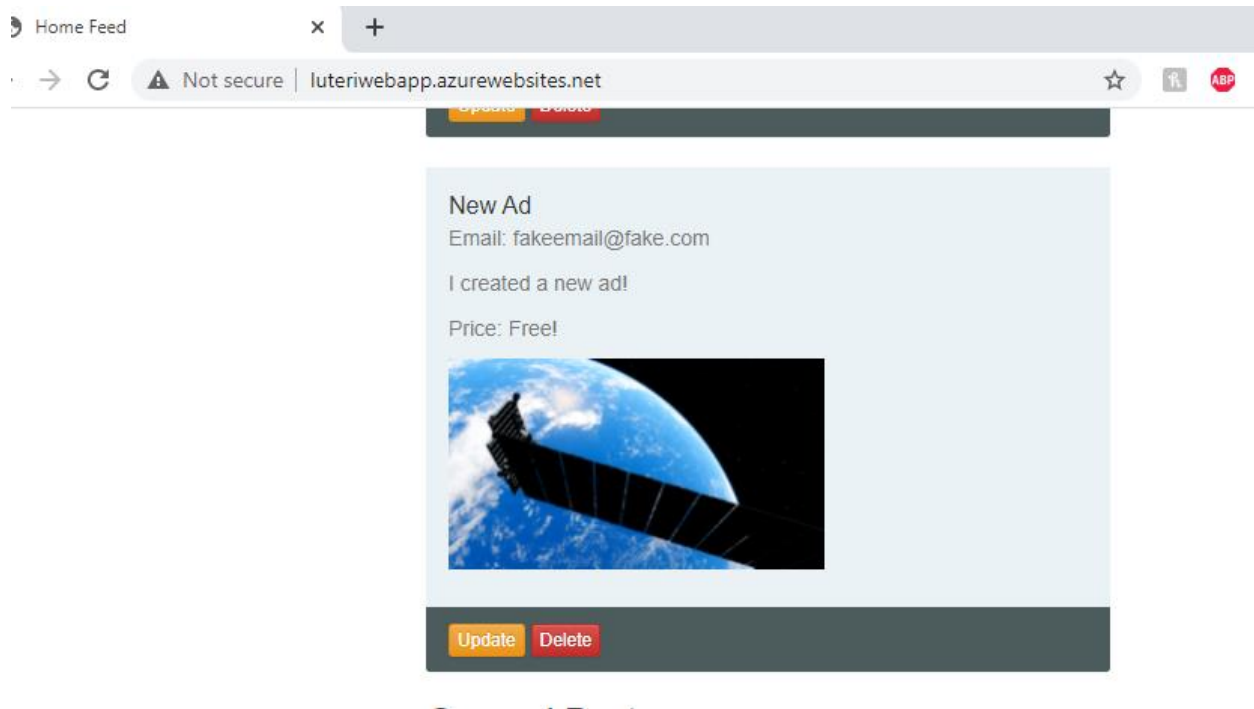
Recommendations

General Posts

Food distribution

Hi I think —not sure— there is a food distribution at going on now in our neighborhood community center?





Dockerfile - A screenshot of the Dockerfile from Azure Container Registry as evidence.

```
PS C:\Users\Student\Documents\Udacity\Azure\Project 2\Weighborly App\WeighborlyAPI> docker tag luteridockerimage lutericontainerregistry.azurecr.io/luteridockerimage:v1
PS C:\Users\Student\Documents\Udacity\Azure\Project 2\Weighborly App\WeighborlyAPI> docker images
REPOSITORY          TAG          IMAGE ID      CREATED       SIZE
luteridockerimage    latest       3550810536c2  3 minutes ago 1.21GB
lutericontainerregistry.azurecr.io/luteridockerimage    v1          3550810536c2  3 minutes ago 1.21GB
PS C:\Users\Student\Documents\Udacity\Azure\Project 2\Weighborly App\WeighborlyAPI>
```

Images on disk 3 images Total size: 1.21 GB IN USE UNUSED [Clean up...](#)

LOCAL REMOTE REPOSITORIES

Search Sort by

	TAG	IMAGE ID	CREATED	SIZE
luteridockerimage	latest	3550810536c2	20 minutes ago	1.21 GB
lutericontainerregistry.azure...	v1	3550810536c2	20 minutes ago	1.21 GB
hello-world	IN USE latest	d1165f221234	4 months ago	13.34 KB

Kubernetes - A **screenshot** of confirmation from the terminal, or from within Azure, as evidence.

Resource group ([change](#))
cloud-demo-151195

Status
Succeeded

Location
West US 2

Subscription ([change](#))
Udacity CloudLabs Sub - 77

Subscription ID
ca11e940-8057-45c2-9dd3-7329089d7406

Tags ([change](#))
[Click here to add tags](#)

Kubernetes version
1.19.11

API server address
luterikubernetescluster-dns-4ca0748f.hcp.westus2.azmk8s...

Network type (plugin)
[Kubenet](#)

Node pools
1 node pool

Properties Capabilities



Kubernetes services

Encryption type	Encryption at-rest with a platform-managed key
Virtual node pools	Not enabled



Node pools

Node pools	1 node pool
Kubernetes versions	1.19.11
Node sizes	Standard_B2s



Configuration

Kubernetes version	1.19.11
Kubernetes RBAC	Enabled
AKS-managed AAD	Not enabled



Networking

API server address	luterikubernetescluster-dns-4ca0748f.hcp.westus2.azmk8s.io
Network type (plugin)	Kubenet
Pod CIDR	10.244.0.0/16
Service CIDR	10.0.0.0/16
DNS service IP	10.0.0.10
Docker bridge CIDR	172.17.0.1/16
Network Policy	None
Load balancer	Standard
HTTP application routing	Not enabled
Private cluster	Not enabled
Authorized IP ranges	Not enabled
Application Gateway ingress controller	Not enabled



Integrations

Container insights	Not enabled
Workspace resource ID	-