



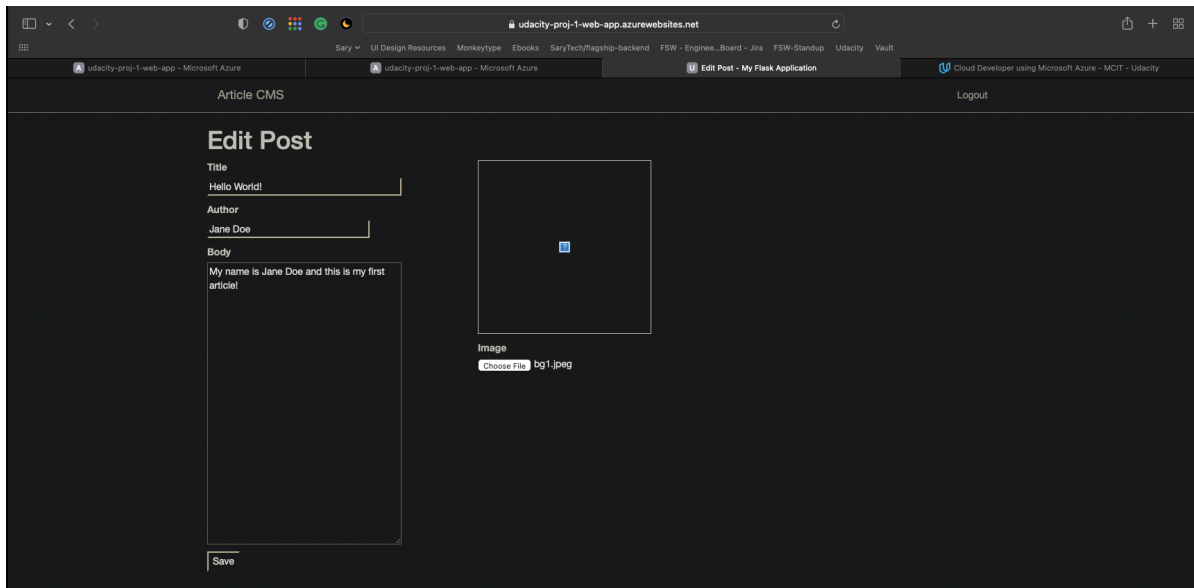
# Project 1: Deploy An Article CMS To Azure

Listed below is every project requirement with its answer.

- A screenshot of an article created in the Article CMS on Azure. The screenshot must also include the URL. The article should have the following fields set:
  - Title: "Hello World!"
  - Author: "Jane Doe"
  - Body: "My name is Jane Doe and this is my first article!"
  - An image of your choice. It must be either a .png or .jpg.



Answer



- A screenshot of the resource group from the Azure Portal including all of the resources that were created to complete this project. (see sample screenshot above).



Answer

**udacity-proj-1** Resource group

Search

Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags

**Overview**

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

**Settings**

Deployments

Security

Policies

Properties

Locks

**Cost Management**

Cost analysis

Cost alerts (preview)

Budgets

Advisor recommendations

**Monitoring**

Insights (preview)

Alerts

Metrics

Diagnostic settings

Logs

Advisor recommendations

Workbooks

**Automation**

Export template

**Support + troubleshooting**

New Support Request

**Essentials**

Subscription ([move](#))

[Azure for Students](#)

Subscription ID

e224343f-4ca0-44dc-8116-57a41068624c

Tags ([edit](#))

[Click here to add tags](#)

Deployments

[3 Succeeded](#)

Location

East US

**Resources** Recommendations

Filter for any field...

Type equals all

Location equals all

Add filter

Showing 1 to 5 of 5 records. ☐ Show hidden types

No grouping

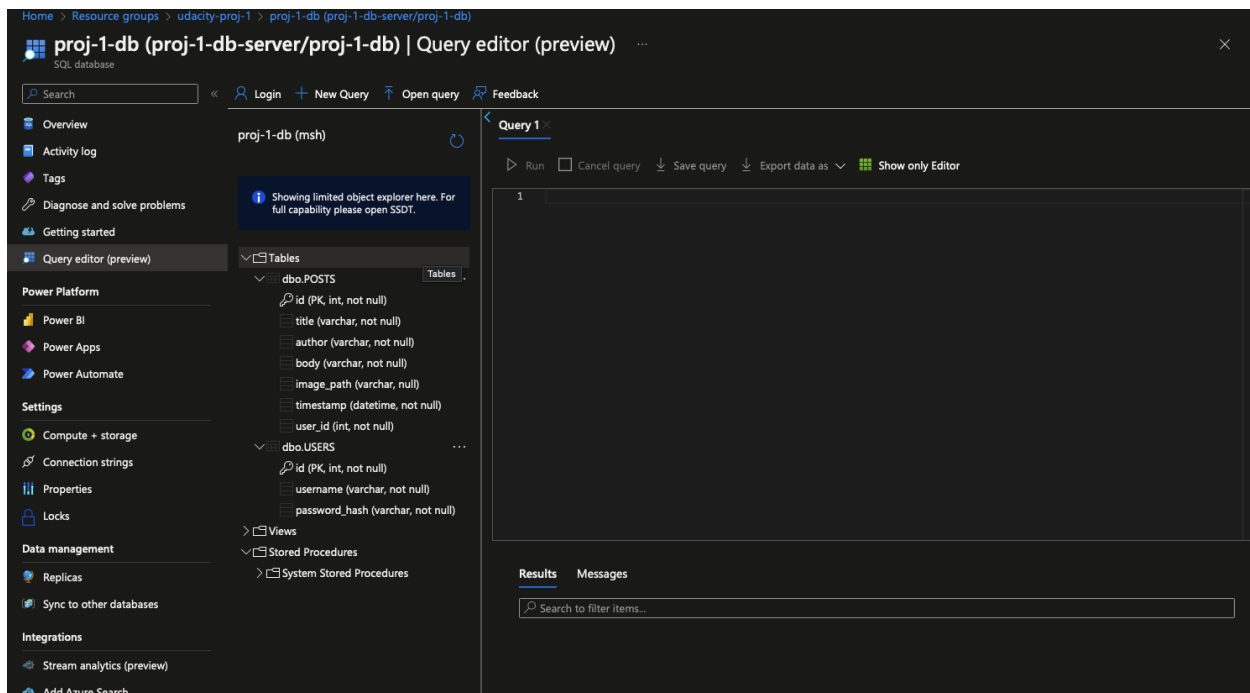
List view

Name	Type	Location
ASP-udacityproj1-a0ef	App Service plan	East US
proj-1-db (proj-1-db-server/proj-1-db)	SQL database	East US
proj-1-db-server	SQL server	East US
proj1stracc	Storage account	East US
udacity-proj-1-web-app	App Service	East US

- A screenshot showing the created tables and one query of data from the initial scripts in the SQL database (see example in the project repository).



Answer



- A screenshot showing an example of blob endpoints for where images are sent for storage (see example in the project repository).



Answer

Home > Resource groups > udacity-proj-1 > proj1stracc

**proj1stracc | Endpoints** ☆ ...

Storage account

resource ID x Refresh

**Settings**

- Resource sharing (CORS)
- Endpoints**
- Support + troubleshooting
- Resource health

Provisioning state	Succeeded
Created	10/19/2022, 9:26:10 PM
Last Failover	Never
Storage account resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc
<b>Blob service</b>	
Resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc/blobSe...
<b>Primary endpoint</b>	
Blob service	https://proj1stracc.blob.core.windows.net/
<b>Secondary endpoint</b>	
Blob service	https://proj1stracc-secondary.blob.core.windows.net/
<b>File service</b>	
Resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc/fileServ...
File service	https://proj1stracc.file.core.windows.net/
<b>Queue service</b>	
Resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc/queueSe...
<b>Primary endpoint</b>	
Queue service	https://proj1stracc.queue.core.windows.net/
<b>Secondary endpoint</b>	
Queue service	https://proj1stracc-secondary.queue.core.windows.net/
<b>Table service</b>	
Resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc/tableSe...
<b>Primary endpoint</b>	
Table service	https://proj1stracc.table.core.windows.net/
<b>Secondary endpoint</b>	
Table service	https://proj1stracc-secondary.table.core.windows.net/
<b>Data Lake Storage</b>	
Resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc/blobSe...
<b>Primary endpoint</b>	
Data Lake Storage	https://proj1stracc.dfs.core.windows.net/
<b>Secondary endpoint</b>	
Data Lake Storage	https://proj1stracc-secondary.dfs.core.windows.net/
<b>Static website</b>	
Resource ID	/subscriptions/e224343f-4ca0-44dc-8116-57a41068624c/resourceGroups/udacity-proj-1/providers/Microsoft.Storage/storageAccounts/proj1stracc/blobSe...

- A screenshot of the redirect URIs related to Microsoft authentication (see example in project repository).



Answer

Home > Default Directory | App registrations > udacity-proj-1

## udacity-proj-1 | Authentication

Search << Got feedback?

- Overview
- Quickstart
- Integration assistant

Manage

- Branding & properties
- Authentication**
- Certificates & secrets
- Token configuration
- API permissions
- Expose an API
- App roles
- Owners
- Roles and administrators
- Manifest

Support + Troubleshooting

- Troubleshooting
- New support request

### Platform configurations

Depending on the platform or device this application is targeting, additional configuration may be required such as redirect URIs, specific authentication settings, or fields specific to the platform.

[+ Add a platform](#)

Web

**Redirect URIs**

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating or signing out users. The redirect URI you send in the request to the login server should match one listed here. Also referred to as reply URLs. [Learn more about Redirect URIs and their restrictions](#)

<https://udacity-proj-1-web-app.azurewebsites.net/msalauth>

[Add URI](#)

**Front-channel logout URL**

This is where we send a request to have the application clear the user's session data. This is required for single sign-out to work correctly.

<https://udacity-proj-1-web-app.azurewebsites.net/login>

**Implicit grant and hybrid flows**

Request a token directly from the authorization endpoint. If the application has a single-page architecture (SPA) and doesn't use the authorization code flow, or if it invokes a web API via JavaScript, select both access tokens and ID tokens. For ASP.NET Core web apps and other web apps that use hybrid authentication, select only ID tokens. [Learn more about tokens](#)

Select the tokens you would like to be issued by the authorization endpoint:

- ☐ Access tokens (used for implicit flows)
- ☐ ID tokens (used for implicit and hybrid flows)

**Supported account types**

Who can use this application or access this API?

- ☒ **Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)**

All users with a work or school, or personal Microsoft account can use your application or API. This includes Office 365 subscribers.

- A screenshot showing one potential form of logging with an "Invalid login attempt" and "admin logged in successfully", taken from the app's Log stream or other logs you create and store (see example in project repository). You can customize your log messages as you see fit for these situations.



## Answer

Here's a log of one unsuccessful login and a successful one

```
2022-10-20T16:50:59.219355652Z: [ERROR] Login Attempt: Unsuccessful
2022-10-20T16:50:59.228607948Z: [INFO] 169.254.129.1 - - [20/Oct/2022:16:50:59 +0000] "POST /login
HTTP/1.1" 302 219 "https://udacity-proj-1-web-app.azurewebsites.net/login" "Mozilla/5.0 (Macintosh;
Intel Mac OS X 10_15_7) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/15.6 Safari/605.1.15"
2022-10-20T16:50:59.901657762Z: [INFO] 169.254.129.1 - - [20/Oct/2022:16:50:59 +0000] "GET /login
HTTP/1.1" 200 3018 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/605.1.15 (KHTML,
like Gecko) Version/15.6 Safari/605.1.15"
2022-10-20T16:51:06.561817305Z: [ERROR] Login Attempt: Successful
```

- Your application code—most importantly `__init__.py` and `views.py` since they will contain your updates for Auth and Logging.



Answer

Code can be found in [this](#) GitHub Repo.

- Your `WRITEUP.md` file analyzing and explaining your choice between a VM or App Service.



Answer

The analysis can be found [here](#)

- OPTIONAL: A URL to your Python App Service.



Answer

Visit the app service [here](#)