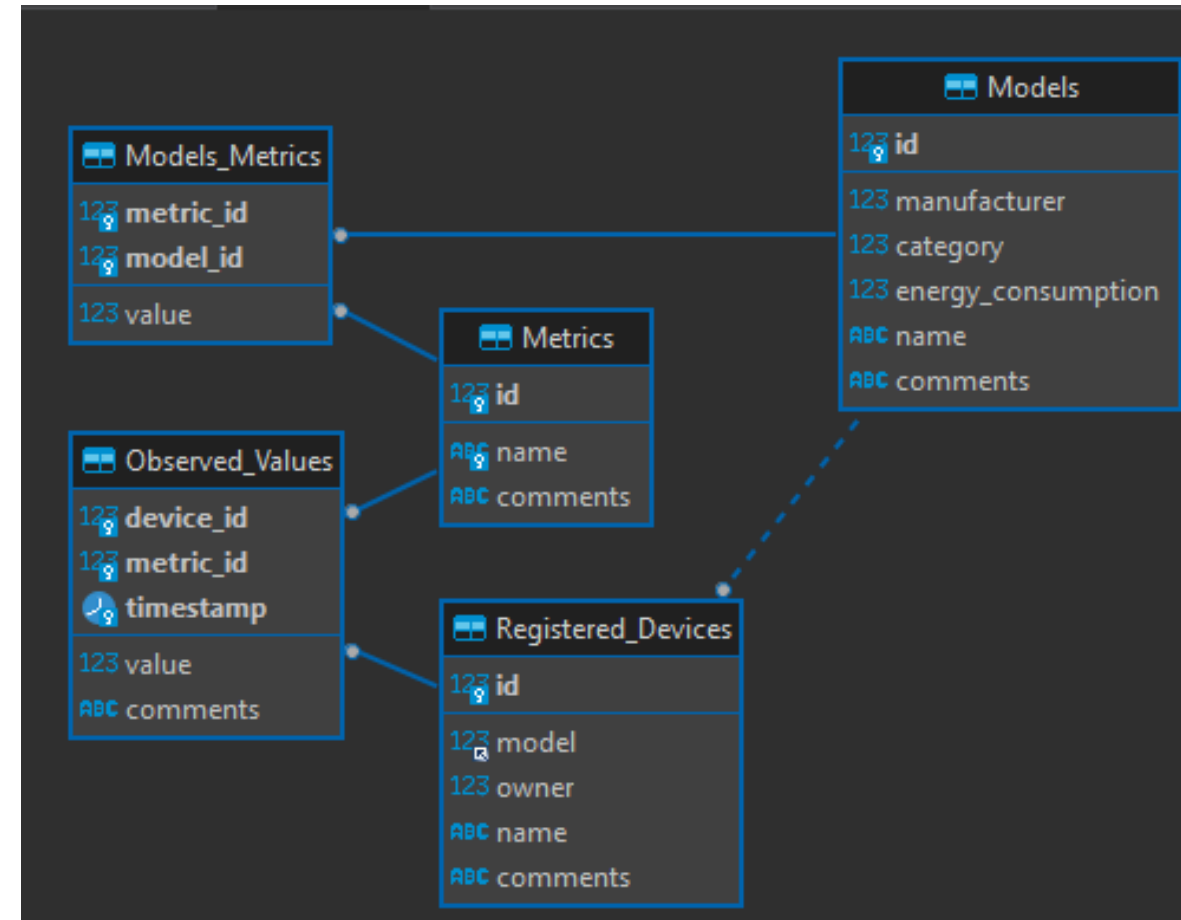
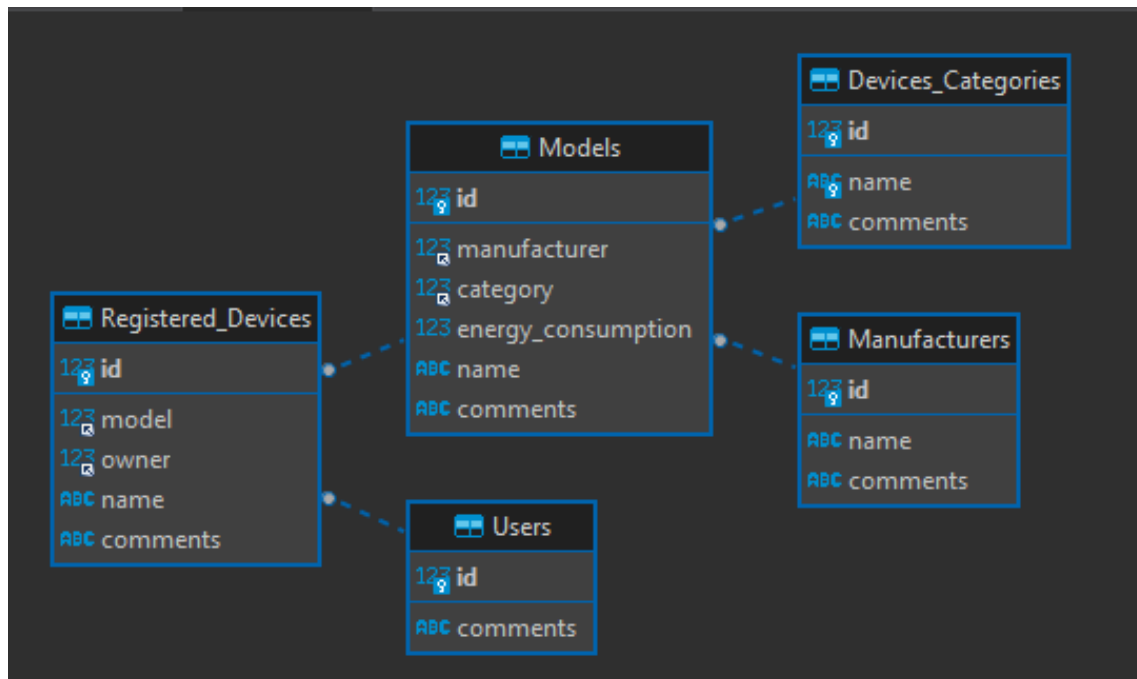
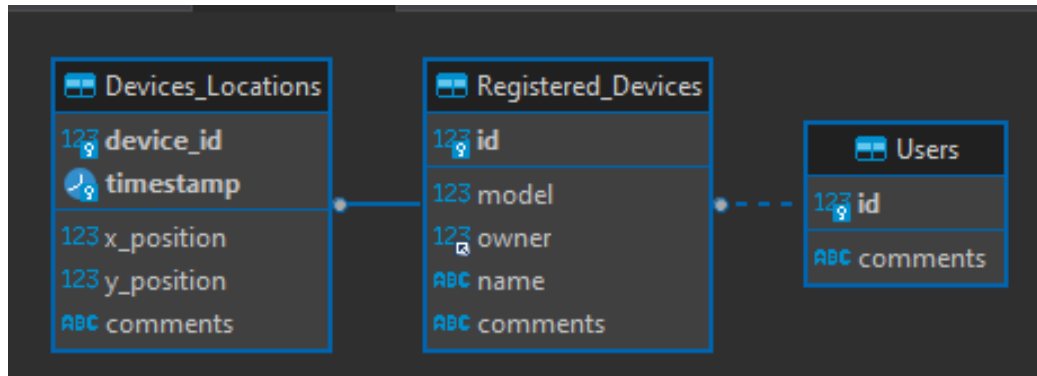
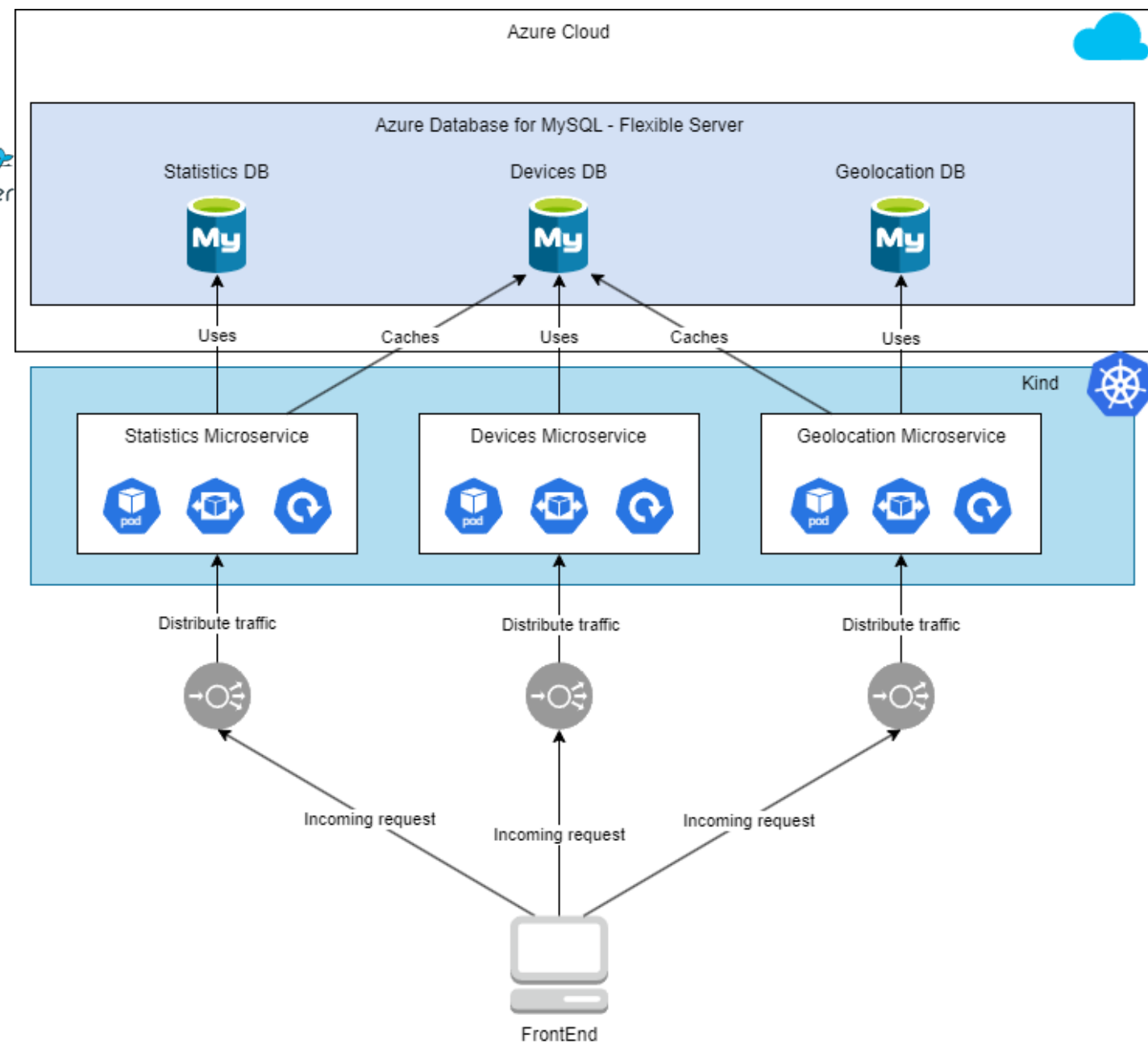
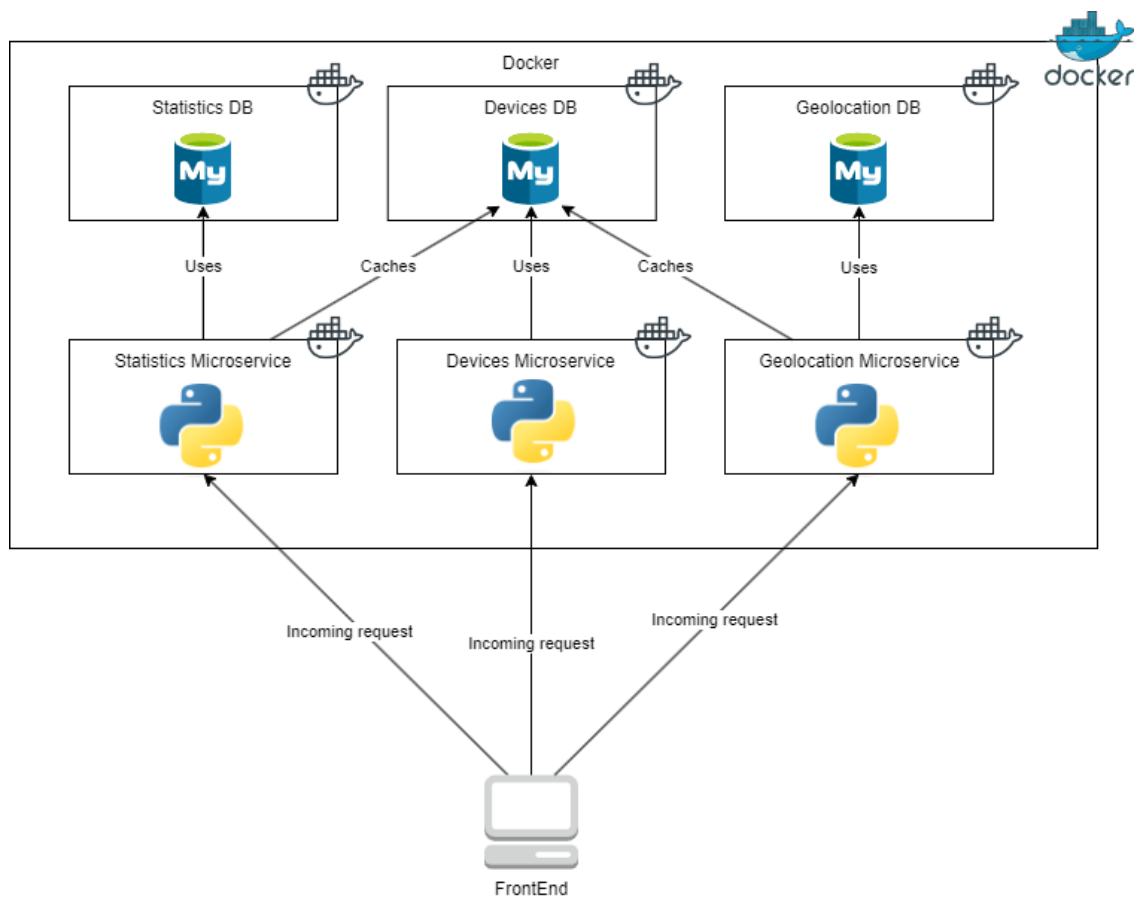
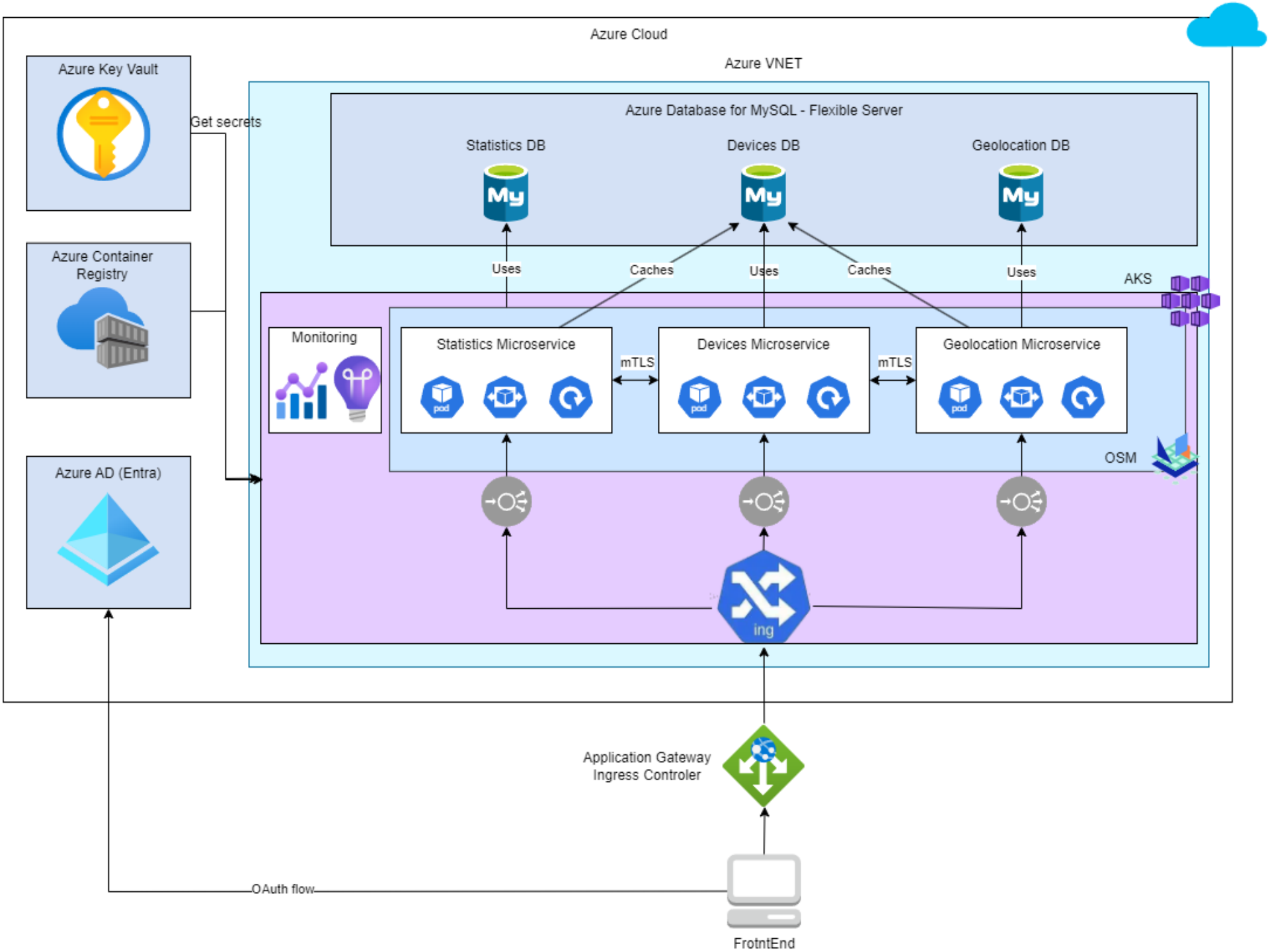



# Database ERD







# SNYK – container image scanning for vulnerabilities

 snyk

ORGANIZATION

resilient-six

Dashboard


Projects

Integrations

Members

Settings

resilient-six > [Projects](#) > MA3CIN/resilient-six main

 python-cache-demo/infra-service/Dockerfile



Overview

History

Settings

The manifest file is missing, has been moved or renamed. If this is intentional, please deactivate or delete this project in [settings](#)


Created Tue 2nd Apr 2024 | Snapshot taken by recurring test 2 months ago | [Retest now](#)

IMPORTED BY	PROJECT OWNER	SOURCE	TARGET OS
 Jakub Górczyński	<a href="#">+ Add a project owner</a>	 GitHub	debian:10
IMAGE TAG	BASE IMAGE	REPOSITORY	MANIFEST
3.8-slim-buster	python:3.8-slim-buster	resilient-six	python-cache-demo/infra-service/Dockerfile
ENVIRONMENT	BUSINESS CRITICALITY	LIFECYCLE	LINKED IMAGES
<a href="#">+ Add a value</a>	<a href="#">+ Add a value</a>	<a href="#">+ Add a value</a>	<a href="#">+ Add a value</a>

Recommendations for upgrading the base image

	BASE IMAGE	VULNERABILITIES	SEVERITY
Current image	python:3.8-slim-buster	104	<div><div>2</div><div>C</div><div>7</div><div>H</div><div>7</div><div>M</div><div>88</div><div>L</div></div>
Alternative upgrades	python:3.13.0a6-slim	51	<div><div>1</div><div>C</div><div>2</div><div>H</div><div>0</div><div>M</div><div>48</div><div>L</div></div>

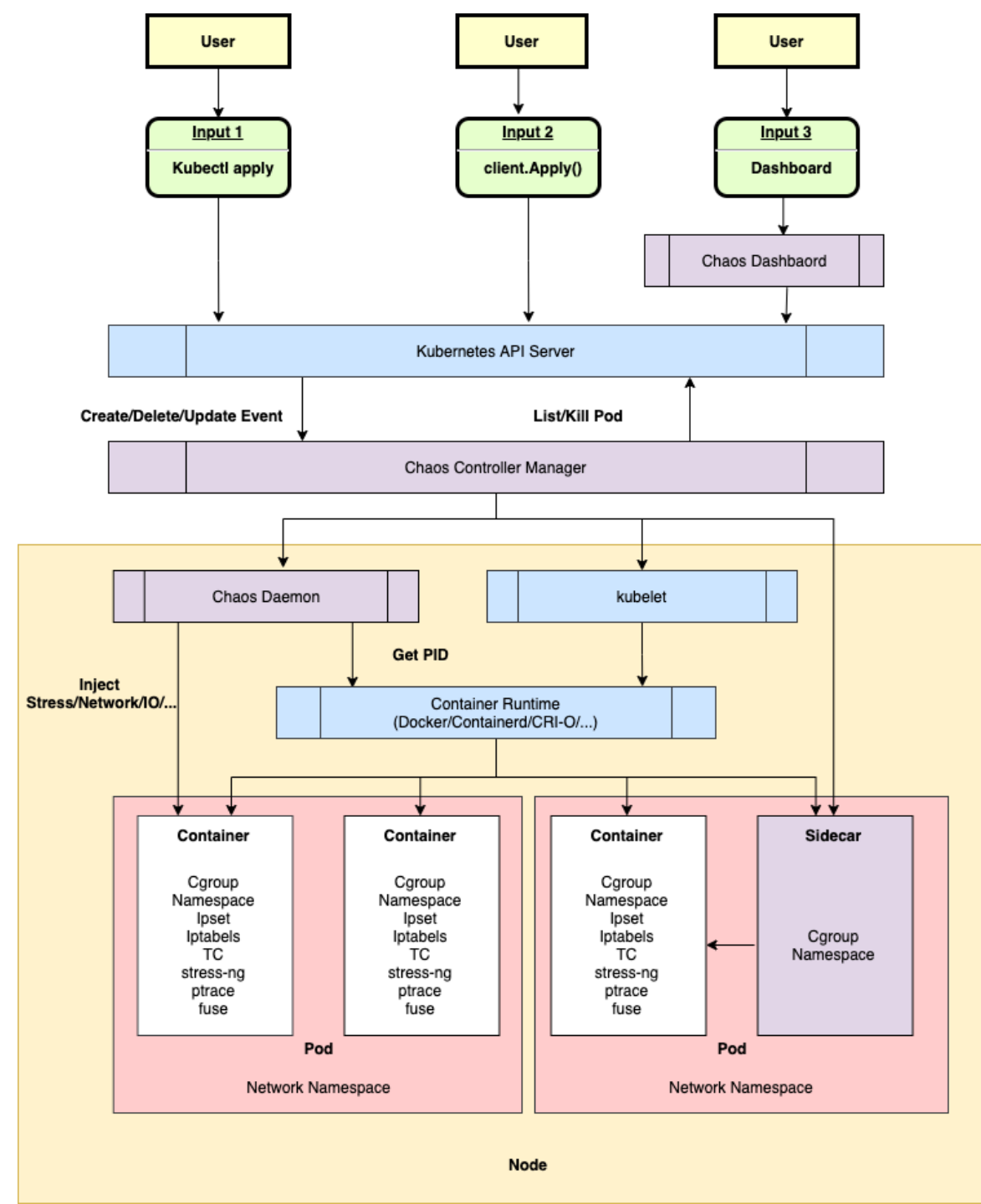
Show more upgrade types

 Open a fix PR

# Chaos Mesh for Chaos Engineering

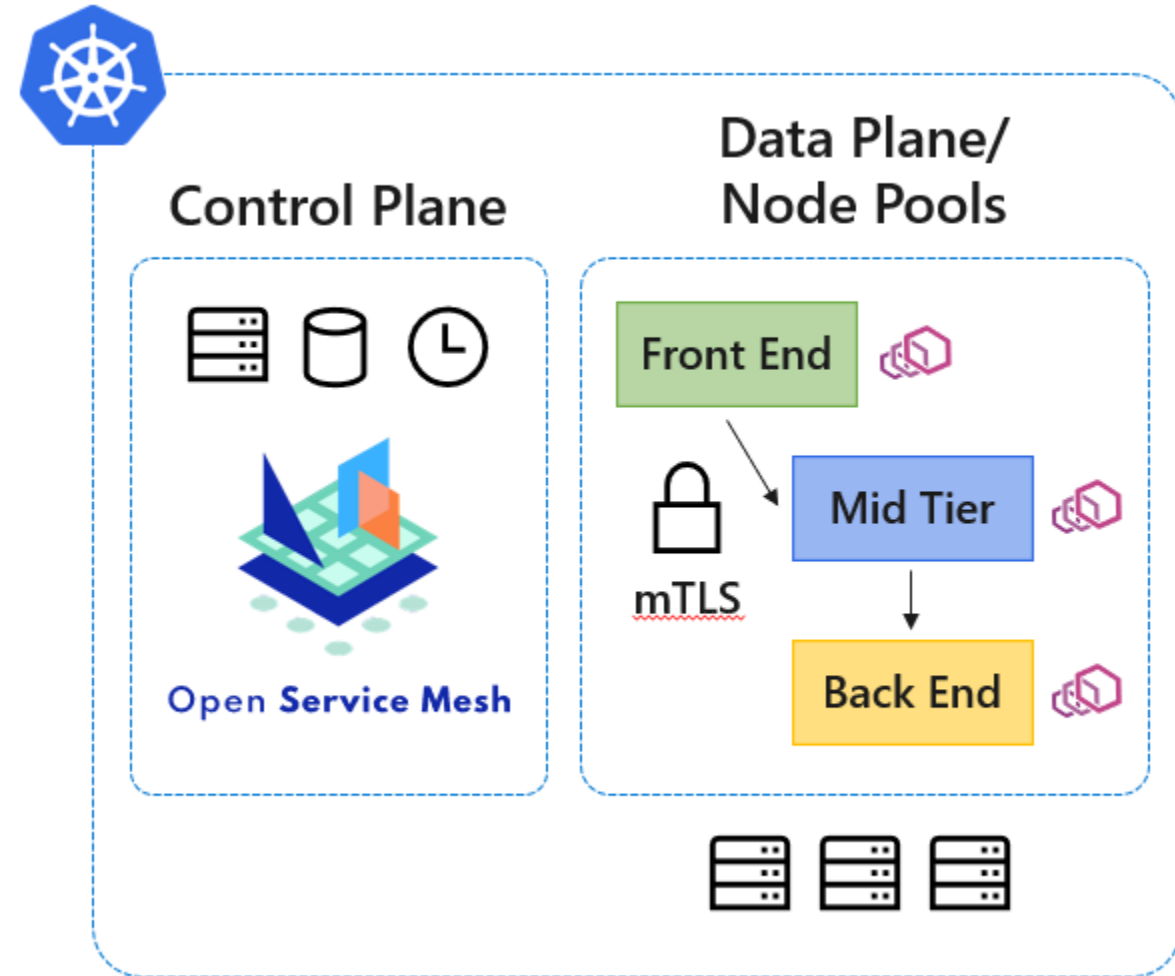


## Chaos Mesh



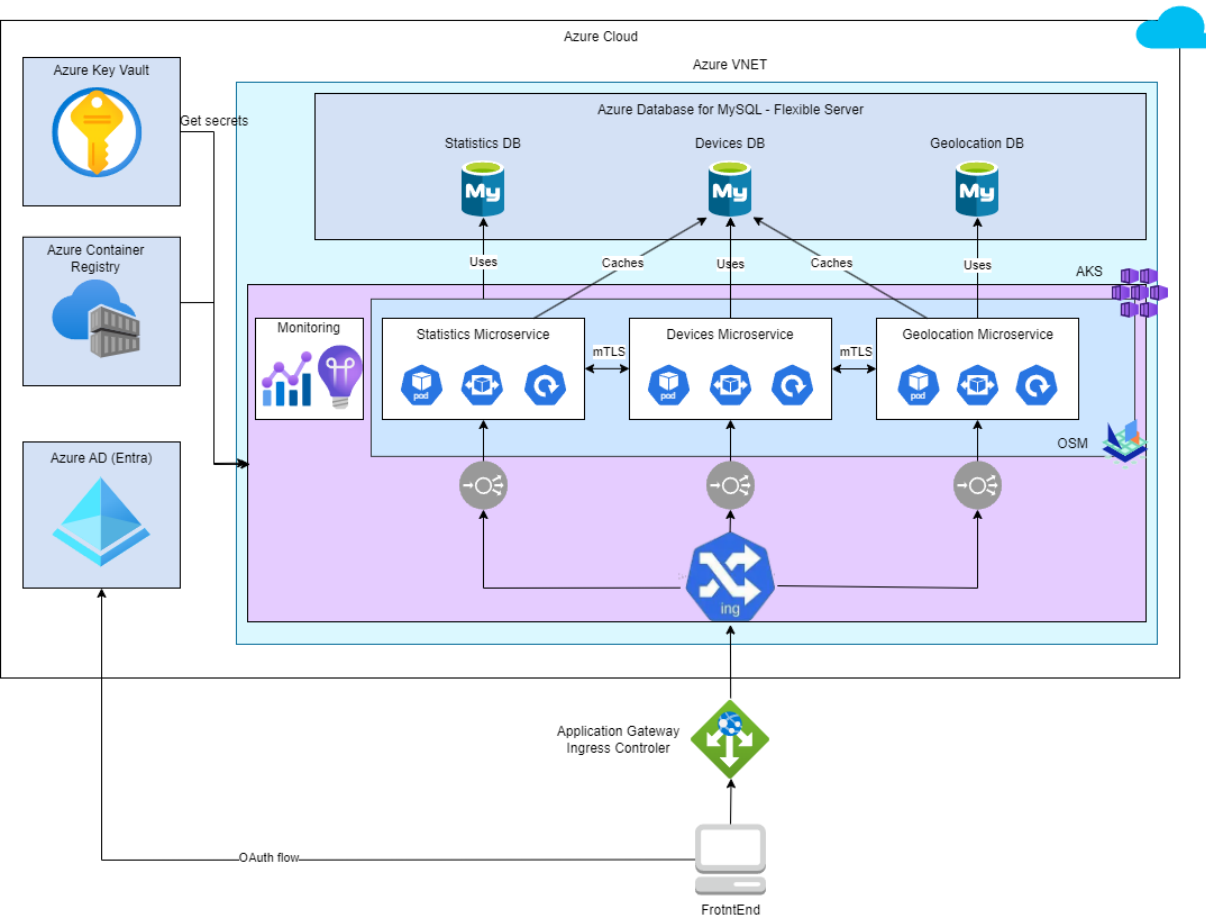
# Open Service Mesh with mTLS

- For East-West communication mTLS established with Tresor as a Certificate Issuance Facility and CA



- <https://github.com/openservicemesh/osm/tree/release-v0.11/pkg/certificate/providers/tresor>

# Azure free tier limitations – Self signed certs



```
Marcin@DESKTOP-3QJ3R13 MINGW64 /e/resilient-six/aks (feature/gateway-ssl)
$ az role assignment create --assignee-object-id 226ac334-7317-4c6d-8308-ffd323ed2cdb --assignee-object-type User --role "Reader" --scope "/subscriptions/1cf27559-4b38-4ccc-9450-7d1ceb07fbeb/resourceGroups/resilientSixGroup"
ERROR: (MissingSubscription) The request did not have a subscription or a valid tenant level resource provider.
Code: MissingSubscription
Message: The request did not have a subscription or a valid tenant level resource provider.
```

- Azure LoadBalancer is L4 and can't terminate TLS traffic. An App Gateway or an Nginx Ingress Controller is needed.

# Azure free tier limitations - Domain

Remove the spending limit on your subscription.

## Note

Some subscription types would be required to have sufficient history on Azure prior to creating an App Service Domain. Free trial and credit based subscriptions are not eligible to create an App Service Domain.

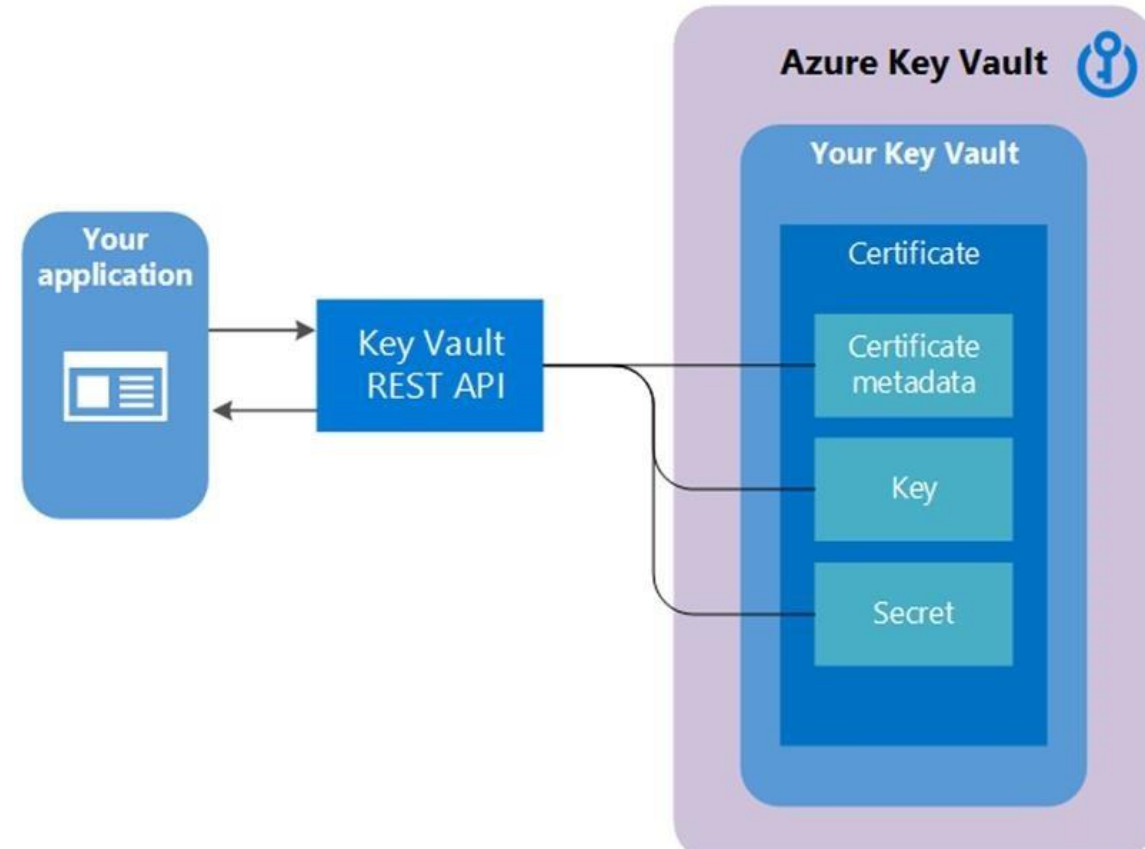
The following is the general process to secure an online endpoint:

1. Get a domain name.

2. Get a digital certificate.

3. Configure TLS/SSL in the Azure Machine Learning extension.

4. Update your DNS with a fully qualified domain name (FQDN) to point to the endpoint.



The following CAs are the current partnered providers with Key Vault. Learn more [here](#)

- DigiCert - Key Vault offers OV TLS/SSL certificates with DigiCert.
- GlobalSign - Key Vault offers OV TLS/SSL certificates with GlobalSign.

- public IP limits (3), Kubernetes node resource limits
- Privilege limits, AGIC limits, CA Certificate limits