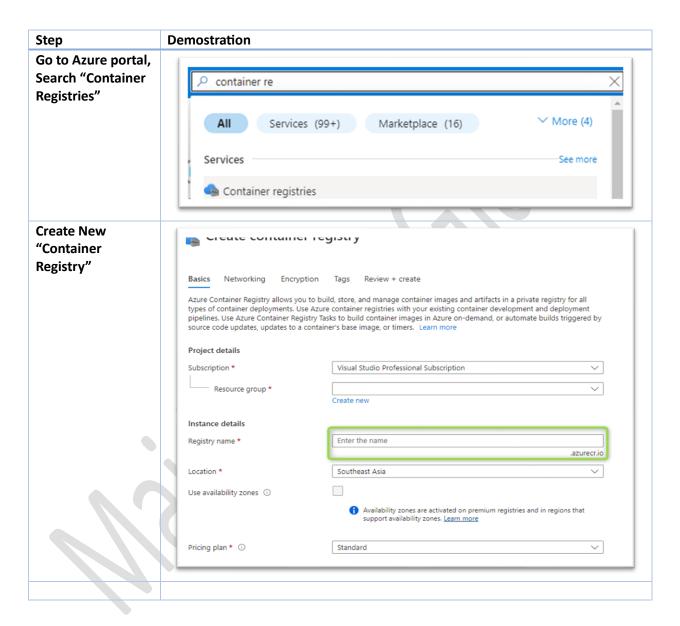
# **Azure Container App Lab**

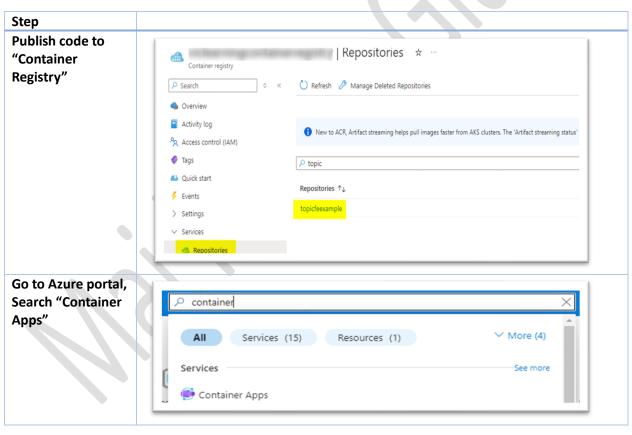
#### 1. Task 1: Create Azure Container Registry



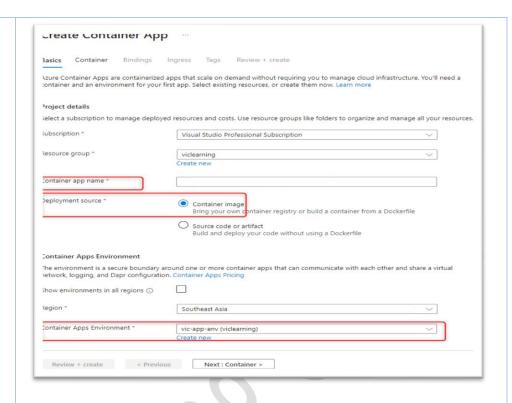
#### 2. Task 2: Create front end container app

- <u>Prerequire site</u>: Download code/ Create new Project ASP.Net core MVC (List TODO)

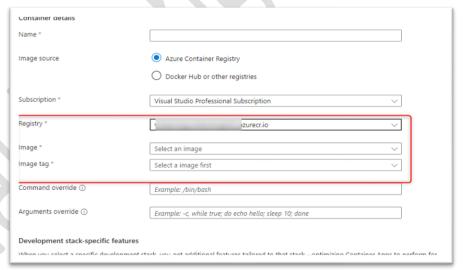
Example code:

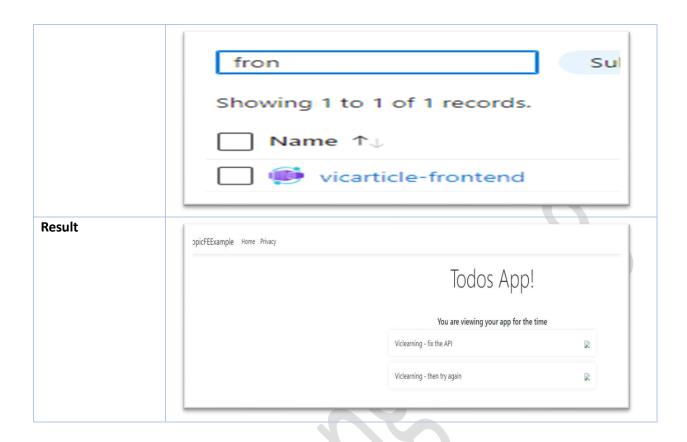


# Create a new "Container App"



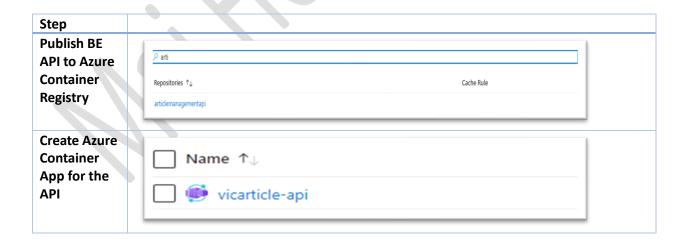
#### Choose your image in previous step.



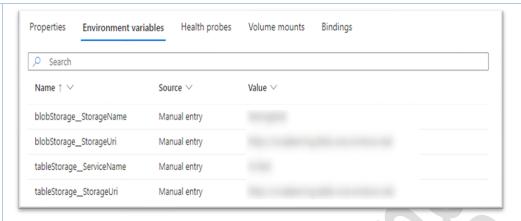


#### 3. Task 3: Create BE API.

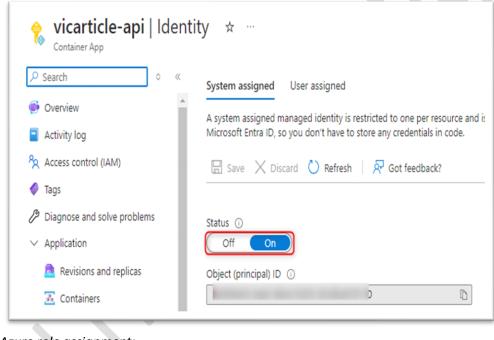
- Connect to Azure table storage using "system managed identity"
- Integrate FE and BE







Activate
Managed
Identity for
the BE
container
app.
Assign
appropriate
Azure role to
read data
from table
storage

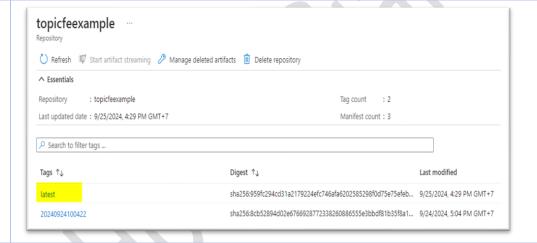


#### Azure role assignment:

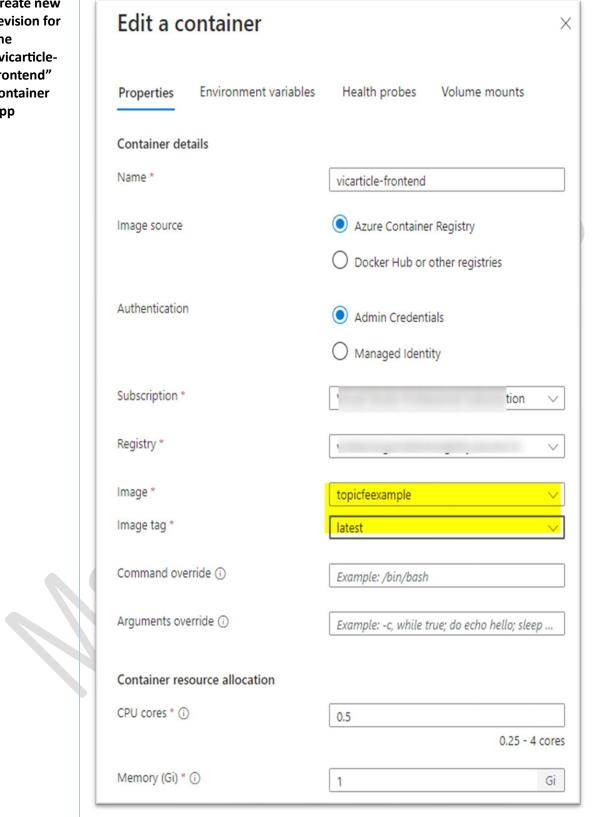


### Change FE code to call API instead hardcoded the TODO Values

### Publish new code to Azure container registry

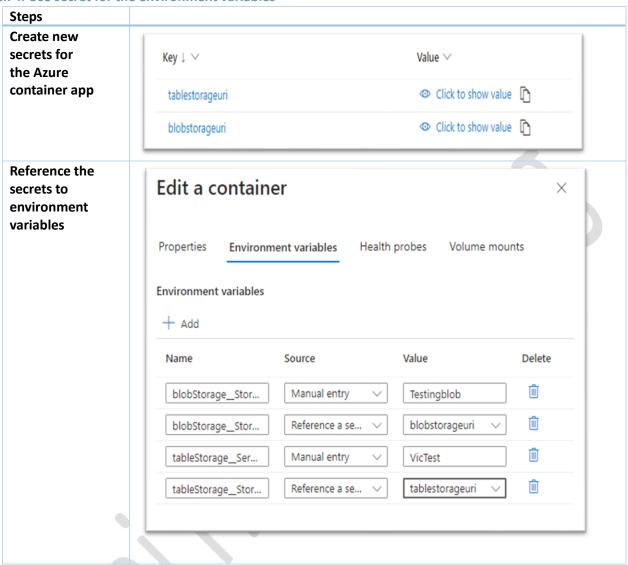


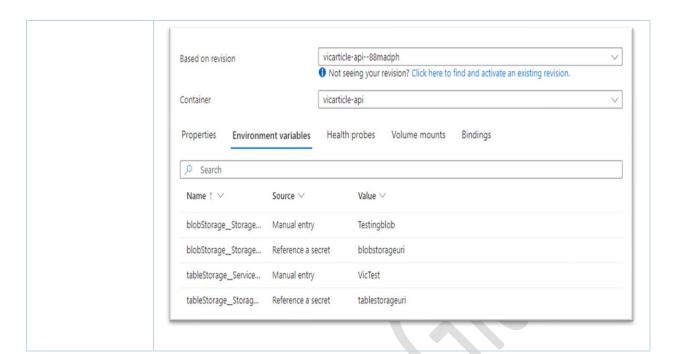
**Create new** revision for the "vicarticlefrontend" container арр



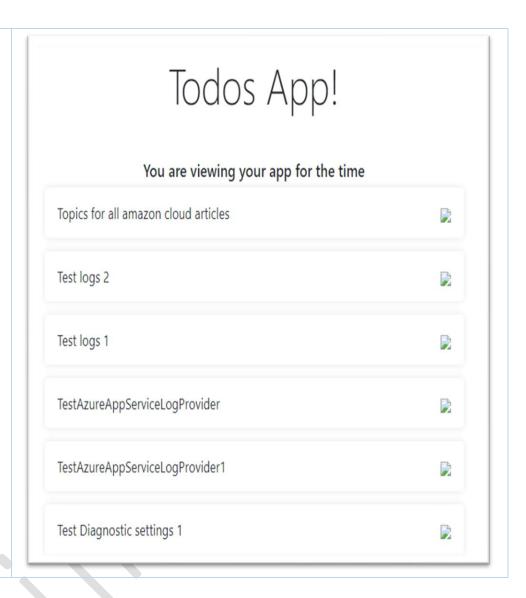
# **Check Result** Todos App! You are viewing your app for the time Topics for all amazon cloud articles Test logs 2 Test logs 1 ${\sf TestAzureAppServiceLogProvider}$ TestAzureAppServiceLogProvider1 Test Diagnostic settings 1 Test Diagnostic settings 2 Victor test configurations string

#### 4. Task 4: Use secret for the environment variables





Result -> still access "Table storage"



## 5. Use "Azure Key Vault" to store secrets:

I want to use Key Vault to store my secrets and refer to them in the "Azure Container App" secrets.

