

Kauno technologijos universitetas
Informatikos fakultetas

Laboratorinis darbas Nr. 3

P175B120 Paslaugų programavimas debesų kompiuterijoje

Arnas Bradauskas
Studentas

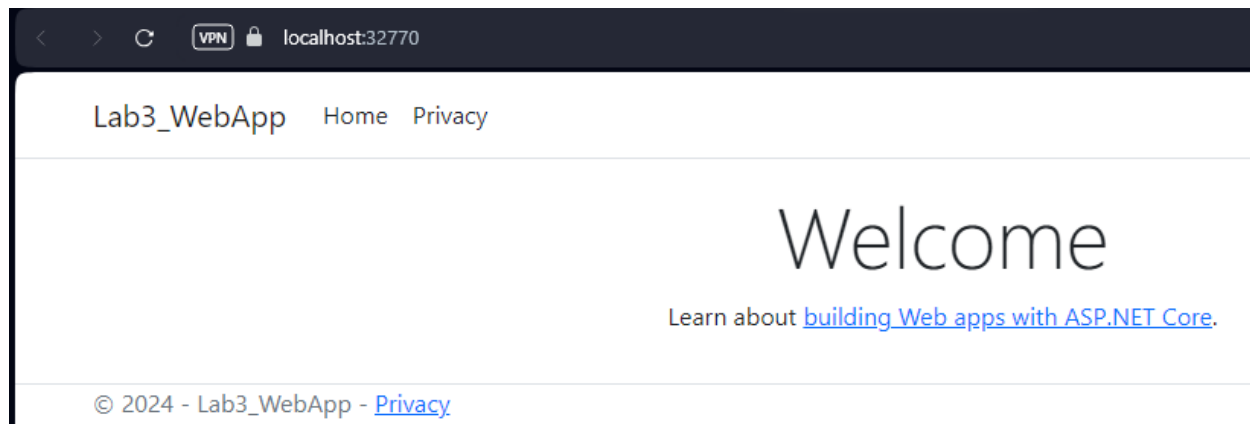
Doc. Vytautas Pilkauskas
Dėstytojas

Kaunas, 2024

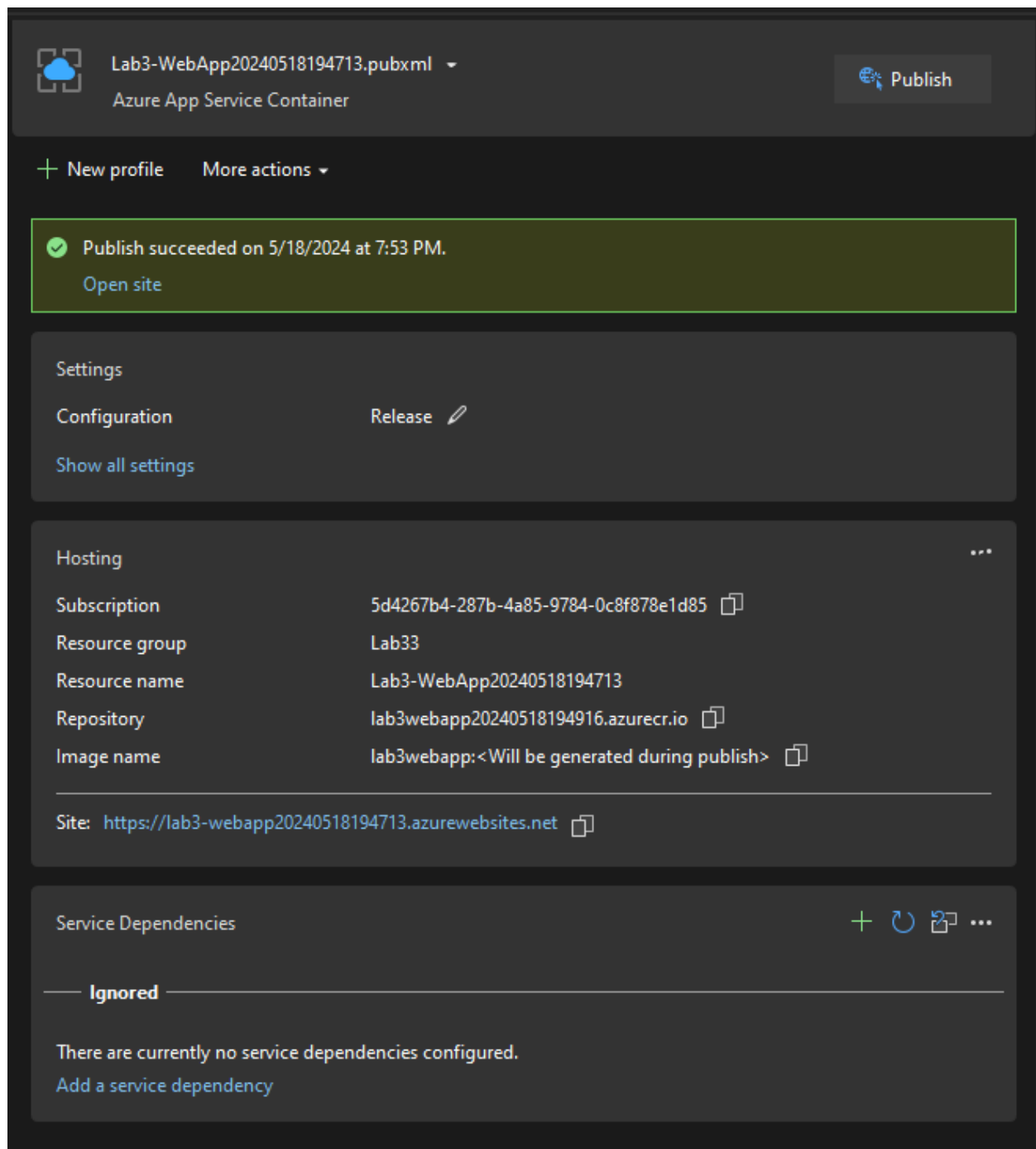
Turinys

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1 Pirma dalis



1 pav. Projektas paleistas lokaliai.



2 pav. Matomi rezultatai Visual Studio po Publish paspaudimo.

Containers [Give feedback](#)

Container CPU usage

0.10% / 1600% (16 CPUs available)

Container memory usage

83.06MB / 15.23GB

Show charts

Search

☰

☐ Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
<input type="checkbox"/>	<div>UniversityDB</div> <div>3b9706dfc4e0</div>	mcr.microsoft.com/mssql/s	Exited (128)	0%	1433:1433	1 month ago	▶ ⋮ 🗑
<input type="checkbox"/>	<div>Lab3-WebApp</div> <div>b441d6f63ac9</div>	lab3webapp.dev	Running	0.12%	32771:8080 Show all ports (2)	4 minutes ago	■ ⋮ 🗑

3 pav. Docker Desktop vaizdas.

<

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↺

VPN

⚠ Not secure

vpdemo31.h9g3fvfqb3ftdadq.eastus.azurecontainer.io:8080

Lab3_WebApp Home Privacy

Welcome

Learn about [building Web apps with ASP.NET Core](#).

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4 pav. Projektas paleistas Azure Container Instance.

2 Antra dalis

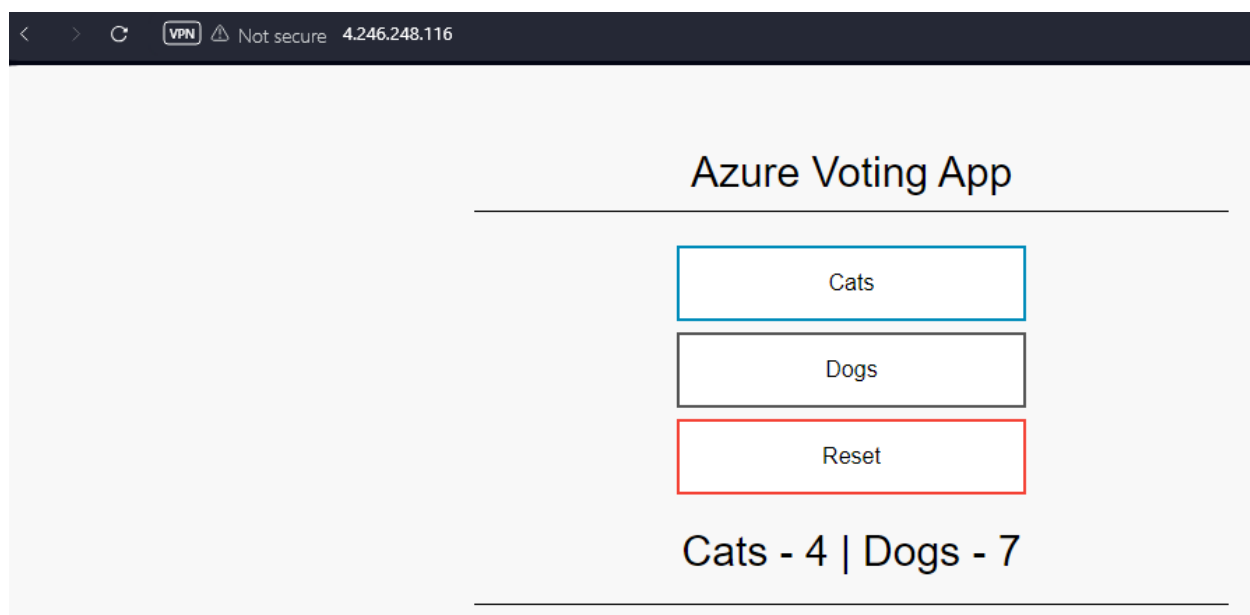
```
^Cornas [ ~/Hands-on-Kubernetes-on-Azure-Third-Edition/Chapter02 ]$ kubectl get all
NAME                                READY   STATUS    RESTARTS   AGE
pod/azure-vote-back-69bb774ff7-9t7v1 1/1     Running   0           4m37s
pod/azure-vote-front-549689d6d7-cvh4t 1/1     Running   0           4m37s

NAME                                TYPE                CLUSTER-IP   EXTERNAL-IP   PORT(S)        AGE
service/azure-vote-back             ClusterIP           10.0.201.34  <none>        6379/TCP       4m37s
service/azure-vote-front            LoadBalancer       10.0.1.81    4.246.248.116 80:31676/TCP   4m37s
service/kubernetes                  ClusterIP           10.0.0.1     <none>        443/TCP       29m

NAME                                READY   UP-TO-DATE   AVAILABLE   AGE
deployment.apps/azure-vote-back     1/1     1             1           4m37s
deployment.apps/azure-vote-front    1/1     1             1           4m37s

NAME                                DESIRED   CURRENT   READY   AGE
replicaset.apps/azure-vote-back-69bb774ff7 1         1         1       4m37s
replicaset.apps/azure-vote-front-549689d6d7 1         1         1       4m37s
ornas [ ~/Hands-on-Kubernetes-on-Azure-Third-Edition/Chapter02 ]$
```

5 pav. Vaizdas po komandos ‘kubectl get all’ mūsų klasteryje.



7 pav. Paleistas projektas klasteryje.