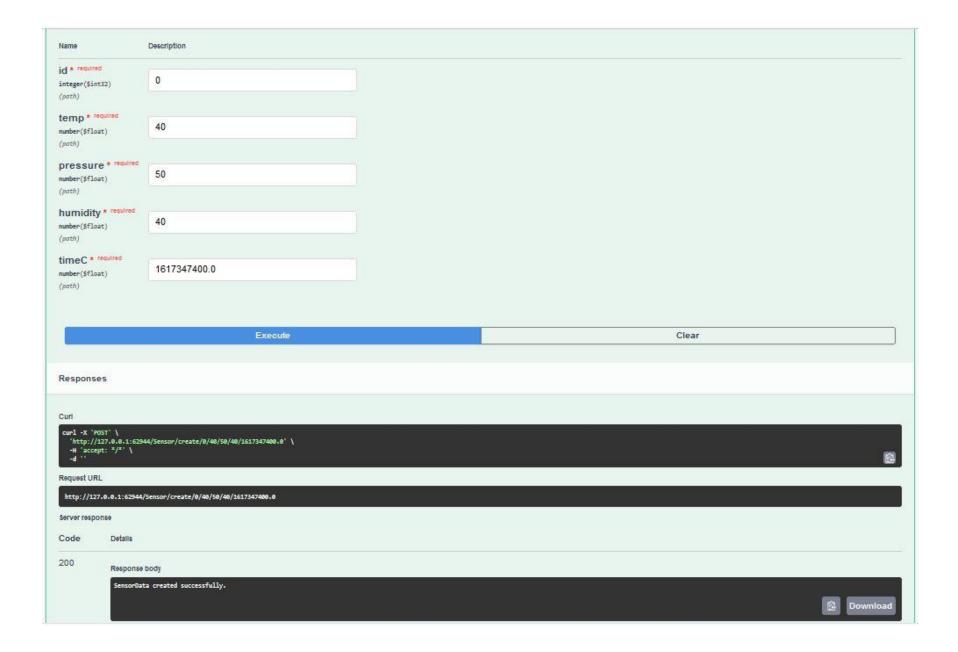
Napredni operativni sistemi

Aplikacija – Docker compose

· 😂	treci_proj	*	Running (5/5)				:	Î
	rabbitmq 778e7ec043e1 □	rabbitmq:3-management	Running	15672:15672 🗷 5672:5672 🖸	12 seconds ag		:	Î
	appdb 5ee66cc39565 □	postgres:latest	Running	5433:5432 ₺	12 seconds ag	•	:	î
	appdb2 81aff83629d4 🖺	postgres:latest	Running	5434:5432 🗹	12 seconds ag		:	Î
	appmyapiservicedemo2-service 33d1c9034773 🗓	myapiservice2:latest	Running	5010:80 🗷	9 seconds agc	•	:	ì
	appmyapiservicedemo-service ee0a4871d289 🖺	myapiservice:latest	Running	5009:80 Z	9 seconds agc		:	Î

Simulacijom stream-a podataka sa IoT uređaja

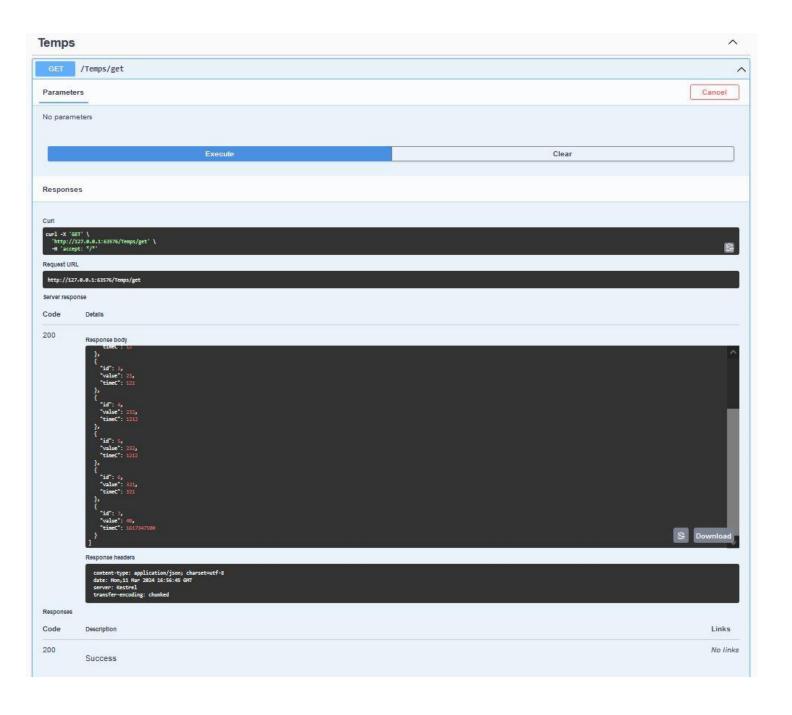




RabbitMQ message broker

Prvi servis preko RabbitMQ servisa salje podatke drugom servisu

Drugi servis skladisti podatke poslate preko RabbitMQ-a. Takodje omogucava prikaz datih podataka.



Kubernetes

NAME			READY	STATUS	RESTAR	TS	AGE	
pod/app-demo-64fb5c8	1/1	Running	1 (107m ago) 108m					
pod/app-demo2-689db96bc5-cwd52 1				Running	1 (108	m ago)	108m	
pod/appdb-5f78c5fd50	1/1	Running	0		108m			
pod/appdb2-6657499b4	1/1	Running	0		108m			
pod/rabbitmq-775d597784-dlj92			1/1	Running	0		108m	
NAME	TYPE		CLUSTE	R-IP	EXTERNAL	-IP	PORT(S)	AGE
service/app-demo	NodePo	ort	10.98.127.157				5009:30009/TCP	108m
service/app-demo2	NodePo	ort	10.106.244.28		<none> 5</none>		5010:30010/TCP	108m
service/appdb	Cluste	erIP	10.106.15.91		<none> 5</none>		5433/TCP	108m
service/appdb2	Cluste	erIP	10.100.29.207		<none> 5</none>		5434/TCP	108m
service/kubernetes Cluster		erIP	10.96.	0.1	<none> 4</none>		443/TCP	4h43m
service/rabbitmq	Cluste	erIP	10.99.	240.101	<none></none>		5672/TCP,15672/TCP	108m
NAME		READ	UP-	TO-DATE	AVAILABL	E AG	iE	
deployment.apps/app-demo		1/1	1		1	16	98m	
		1/1	1		1 108m		98m	
deployment.apps/appdb 1/1			1		1 108m			
deployment.apps/appdb2 1/1			1	1 108m			8m	
deployment.apps/rabl		1/1	1		1	16)8m	
NAME				DESIRED	CURRENT	READ	DY AGE	
replicaset.apps/app-demo-64fb5c8884				1	1	1	108m	
replicaset.apps/app-demo2-689db96bc5				1	1	1	108m	
replicaset.apps/appdb-5f78c5fd56				1	1	1	108m	
replicaset.apps/appdb2-6657499b4				1	1	1	108m	
replicaset.apps/rabbitmg-775d597784				1	1	1	108m	

Kubernetes - skaliranje

NAME .			READY	STATUS	RESTARTS AGE				
pod/app-demo-64fb5c8884-62gpq			1/1	Running	1 (109m ago) 109m				
ood/app-demo2-689db96bc5-cwd52 1,				Running	1 (109m	ago)	109m	
ood/appdb-5f78c5fd56-n5p94 1/				Running	0			109m	
ood/appdb2-6657499b4-ht626 1/				Running	0			135	
ood/appdb2-6657499b4-q4c56 1,				Running	9 135				
ood/appdb2-6657499b4-wndm9 1			1/1	Running	g 0 109m				
ood/rabbitmq-775d597	7784-dl	j92	1/1	Running	0			109m	
NAME TYPE			CLUSTER-IP		EXTERNAL-IP PO		IP F	ORT(S)	AGE
service/app-demo	NodePo	ort	10.98.127.157		<none> 50</none>		5	009:30009/TCP	109m
service/app-demo2	NodePo	ort	10.106.244.28		<none> 50</none>		5	010:30010/TCP	109m
service/appdb	Cluste	erIP	10.106.15.91		<none> 54</none>		5	433/TCP	109m
service/appdb2 Cluster			10.100.29.207		<none> 54</none>		5	434/TCP	109m
service/kubernetes	Cluste	erIP	10.96.0.1		<none> 44</none>		4	43/TCP	4h44n
service/rabbitmq ClusterI		erIP	10.99.240.101		<none> 56</none>		5	672/TCP,15672/TCP	109m
NAME		READY	/ UP-	TO-DATE	AVAIL	ABLE	AGE		
deployment.apps/app	-demo	1/1	1		1 109m			m ·	
deployment.apps/app		1/1	1		1 109m			m .	
deployment.apps/appo	db	1/1	1	1 109			109	m	
deployment.apps/appdb2 3/3			3		3 109m		109	m	
deployment.apps/rabbitmq 1/1			1		1		109	m	
NAME				DESIRED	CURRE	NT	READY	AGE	
replicaset.apps/app-demo-64fb5c8884				1	1		1	109m	
replicaset.apps/app-demo2-689db96bc5				1	1		1	109m	
eplicaset.apps/appo		1	1		1	109m			
replicaset.apps/appdb2-6657499b4				3	3		3	109m	
replicaset.apps/rabbitmq-775d597784				1	1		1	109m	

restartPolicy: Always
minReplicas: 1
maxReplicas: 10
targetCPUUtilizationPercentage: 50