



KONTÉNERIZÁCIÓ (KUBERNETES)

6. forduló



RENDELKEZÉSRE ÁLLÓ IDŐ:

20:00

Ismertető a feladathoz	
In this round you can test you knowlege about Resource management in the Kubernete	es domain.
Felhasznált idő: 02:06/20:00	Elért pontszám: 0/60

Vhat m	nay trigger a container restart?		
/álas:	zok		
Re	each of CPU limit		
✓ Re	each of memory limit		
No	ot responding to readiness probe		
✓ No	ot responding to liveness probe		
Magy	arázat		

is it hossible to ev	cuate a pod that uses more memory than the request?	
Válasz		
Yes		
O No		
Magyarázat		
Learn more abo	ut Resource management in kubernetes here:	
https://kubernet	es.io/docs/concepts/configuration/manage-resources-containers/	
3. feladat	0/5 pont	
	acuate a pod that uses more CPU than the request?	
Válasz	educe a pod that ases more er o than the request.	
Yes		
○ No		
Magyarázat		
Learn more abo	ut Resource management in kubernetes here:	
https://kubernet	es.io/docs/concepts/configuration/manage-resources-containers/	
	0/5 pont	
4. feladat		
	ses which were terminated by Linux due to out of memory event?	
	ses which were terminated by Linux due to out of memory event?	
How to list proces	ses which were terminated by Linux due to out of memory event? process' /var/log/messages	

	grep -i 'OOM' /var/log/resource
Mag	ıyarázat
Lea	rn more about Resource management in kubernetes here:
<u>htt</u> p	os://kubernetes.io/docs/concepts/configuration/manage-resources-containers/
5. fe	eladat 0/5 pont
Docke	er container exited with error code 137. What is the root cause behind this error code?
Vála	isz –
	Out of Memory
	Out of CPU
	Out of Disk Space
	Resource Quota exceeded
	Resource Quota drained
	Resource Quota depleted
Mag	yarázat
Lea	rn more about Resource management in kubernetes here:
<u>http</u>	os://kubernetes.io/docs/concepts/configuration/manage-resources-containers/
6. f	eladat 0/5 pont
What	happens if the aggregated SUM of pod resource limits exceeds the overall capacity of a node in a cluster?
Vála	sz –
	t is called overcommit and nothing happens until running pods consume less resources than HW capacity of the node.
<u> </u>	The Node will set MemoryPressure and CPUPressure conditions.
	Pods with highest resource limits will be evicted
	Pods limits will be rounded automatically by Kubernetes to avoid failures.

Overcom	nmitted Node is a gamble and Kubernetes will taint this node.	
Magyaráz	at	
Learn more	about Resource management in kubernetes here:	
https://kube	rnetes.io/docs/concepts/configuration/manage-resources-containers/	
7. felada	t 0/5 pont	
Kubernetes m conversion?	leasures CPU resources in [<i>CPU]</i> units. The suffix m means milliCPU. What is the correct answer to the	
Válasz		
10000m :	= 10 CPU core	
100m = 1	CPU Core	
10m = 1 (CPU Core	
10m = 1 (GPU Core	
1000m =	10 GPU Core	
10000m =	= 1 GPU Core	
Magyaráz	at	
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https://kube	rnetes.io/docs/concepts/configuration/manage-resources-containers/	
8. felada	et 0/5 pont	
	D refers to in the Kubernetes terminology?	
Válasz		
	Resource Definition	
Continuo	ous Resource Data	
Controlle	ed Resource Deletion	
Claud Da	source Definition	

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remote – Remote storage		Válaszok CNNS - Cloud I		
	✓ nfs - Network File System (NFS) storage	Válaszok CNNS - Cloud I HNCS – Hybrid	d Network Cluster Storage	
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Magyarázat

FFS – Fast File Storage

HFS Plus - Hierarchical File System Plus

✓ local - Local storage devices mounted on nodes

What are the valid reclaim policy types?	peen released of its claim.
Válasz	
Recycle, Reuse, Remove	
Retain, Recycle, Delete	
Retail, Reduce, Undelete	
Reload, Provision, Claim	
Clear, Provide, Reposition	
Add, Del, Mov	
Apply, Clear	

12. feladat 0/5 pont

Select all the correct statements related to NodePort?

Válaszok



✓ A NodePort is an open port on every node of your cluster

Noc	leport is 100% equal to Ingress Network
Noc	leport is created to Kubelet Api server communication inside a node
	NodePort service is a way to attain external traffic to your service. It is used to open a particular port on all nodes forward the network traffic to this port
AN	odePort is open on a single node of the cluster
A de	edicated port for pod internal connections.
A de	edicated port for container communication inside a particular pod
Magyo	ırázat
Learn I	more about Resource management in kubernetes here:

Legfontosabb tudnivalók

Kapcsolat Versenyszabályzat Adatvédelem

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KÉSZÍTETTE

Megjelenés

