

KONTÉNERIZÁCIÓ (KUBERNETES)

5. forduló

NOKIA

A kategória támogatója: Nokia

RENDELKEZÉSRE ÁLLÓ IDŐ:

10:00

Ismertető a feladathoz

In this round you can test you knowlege about Security in the Kubernetes domain.

Felhasznált idő: 02:07/10:00

Elért pontszám: 0/40

1. feladat 0/5 pont

Do you need an active SSH connection to a cluster to execute kubectl commands?

Válasz

☐ Yes

☐ No

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

2. feladat 0/5 pont

How to enable SELINUX from command line

Válasz

- ☐ setenforce 0
- ☐ setenforce true
- ☐ setenforce
- ☒ setenforce 1
- ☐ setenforce enable
- ☐ initenforce

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

3. feladat 0/5 pont

What is the SELinux main configuration file location where the SELinux config can be changed permanently

Válasz

- ☐ /etc/securitylinux/cfg
- ☒ /etc/selinux/config
- ☐ /etc/selinux/cfg
- ☐ /etc/securitylinux/config

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

4. feladat 0/5 pont

What are Booleans used in SELinux?

Válasz

- ☐ Booleans are control SELinux kernel module on\off
- ☒ Booleans are SELinux policy rules which changes behaviour of SELinux policies which can be enabled or disabled.
- ☐ There is no such term „Booleans” in SELinux

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

5. feladat 0/5 pont

Where are SELinux violation logs generated?

Válasz

- ☒ /var/log/audit/audit.log
- ☐ /var/log/security/security.log
- ☐ /var/log/syslog
- ☐ /var/log/selinux/selinux.log
- ☐ /var/log/selinux.log

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

6. feladat 0/5 pont

What is a Pod Security Policy?

Válasz

- ☒ A Pod Security Policy is a cluster-level resource that controls security sensitive aspects of the pod specification
- ☐ Pod Security Policy is pod level resource that controls security related regulations.
- ☐ Pod Security Policy is a separate pod in default namespace which monitor the other pods accessibility and security aspects.
- ☐ Pod Security Policy is defined in SELinux booleans and configurable through etc/selinux/cfg

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

7. feladat 0/5 pont

What are Kubernetes cluster roles?

Válasz

- ☒ A ClusterRole is a set of permissions that can be assigned to resources within a given cluster.
- ☐ ClusterRole is set permissions the rules are applicable to a single namespace
- ☐ A ClusterRole is a set of permissions that can be assigned to resources within a given node.
- ☐ ClusterRole orchestrating the pod security policy and SELinux configuration on cluster level.
- ☐ ClusterRole is a pod entity which enforce security sensitive aspects on the whole cluster.
- ☐ ClusterRole is the same as Role and always sets permissions within a particular namespace

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

8. feladat 0/5 pont

What does RBAC stand for?

Válasz

- ☒ Role Based Access Control
- ☐ Role Based Access Cluster
- ☐ Role Based Access Client
- ☐ Review Based Availability Control
- ☐ Review Based Availability Client
- ☐ Review Based Actual Client
- ☐ Review Based Access Client

Magyarázat

Learn more about Security in kubernetes here:

<https://kubernetes.io/docs/concepts/security/pod-security-standards/>

<https://kubernetes.io/docs/concepts/security/controlling-access/>

Legfontosabb tudnivalók

Kapcsolat

Versenyszabályzat

Adatvédelem

© 2022 Human Priority Kft.

KÉSZÍTETTE

Megjelenés

☀ Világos ⇅