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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 39 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 39

Topic #: 1

[All Associate Cloud Engineer Questions]

You create a new Google Kubernetes Engine (GKE) cluster and want to make sure that it always runs a supported and stable version of Kubernetes. What should you do?

A. Enable the Node Auto-Repair feature for your GKE cluster.

B. Enable the Node Auto-Upgrades feature for your GKE cluster.

C. Select the latest available cluster version for your GKE cluster.

D. Select λ€Container-Optimized OS (cos)λ€ as a node image for your GKE cluster.

Show Suggested Answer

by   ReyBan at *May 4, 2020, 10:17 p.m.*

Comments

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Lush Highly Voted 4 years, 5 months ago

The answer is B

https://cloud.google.com/kubernetes-engine/versioning-and-upgrades

4bsolut `Highly Voted` 4 years, 4 months ago

"Creating or upgrading a cluster by specifying the version as <latest> does not provide automatic upgrades. Enable automatic node upgrades to ensure that the nodes in your cluster up to date with the latest stable version." --source: https://cloud.google.com/kubernetes-engine/versioning-and-upgrades

-Correct answer: B

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Captain1212 `Most Recent` 1 year, 1 month ago

b is corrent , as auto updates provide the more stable version

upvoted 2 times

Buruguduystunstugudunstuy 1 year, 8 months ago

`Selected Answer: B`

Answer B is correct. Google Kubernetes Engine (GKE) supports multiple versions of Kubernetes, and new versions are regularly released. To ensure that your GKE cluster runs a supported and stable version of Kubernetes, it is recommended to enable the Node Auto-Upgrades feature. This feature automatically upgrades the Kubernetes version of each node in the cluster to the latest stable version.

Answer A, enabling the Node Auto-Repair feature, is focused on repairing or replacing nodes in case they become unresponsive, but it doesn't address the need for running a supported and stable version of Kubernetes.

Answer C, selecting the latest available cluster version, may not always be the best option as new versions may have bugs or issues that have not yet been identified.

Answer D, selecting Container-Optimized OS (cos) as a node image, is focused on using a lightweight and secure operating system optimized for running containers, but it doesn't address the need for running a supported and stable version of Kubernetes.

upvoted 9 times

sthapit 1 year, 2 months ago

True. B is the correct choice

upvoted 1 times

leogor 1 year, 12 months ago

`Selected Answer: B`

B. Enable the Node Auto-Upgrades

upvoted 1 times

AzureDP900 2 years, 4 months ago

B is correct.
Creating or upgrading a cluster by specifying the version as latest does not provide automatic upgrades. Enable node auto-upgrades to ensure that the nodes in your cluster are up-to-date with the latest stable version.

upvoted 2 times

pfabio 2 years, 4 months ago

`Selected Answer: B`

Node auto-upgrades help you keep the nodes in your cluster up-to-date with the cluster control plane version when your control plane is updated on your behalf. When you create a new cluster or node pool with Google Cloud console or the gcloud command, node auto-upgrade is enabled by default.

upvoted 2 times

Harbeeb 2 years, 5 months ago

`Selected Answer: B`

https://cloud.google.com/kubernetes-engine/versioning-and-upgrades

upvoted 1 times

shawnkkk 2 years, 11 months ago

B. Enable the Node Auto-Upgrades feature for your GKE cluster.

upvoted 4 times

vishnukumartr 2 years, 11 months ago

B. Enable the Node Auto-Upgrades feature for your GKE cluster.

upvoted 1 times

Jaira1256 2 years, 11 months ago

Ans is B

upvoted 1 times

Rameshmfm 2 years, 11 months ago

Ans B- With auto-upgrades, GKE automatically ensures that security updates are applied and kept up to date. Ease of use: Provides a simple way to keep your nodes up to date with the latest Kubernetes features.

upvoted 2 times

viswanand 3 years, 5 months ago

I was trying to create GKE but I dont see that option in Console

upvoted 2 times

mcaromit 3 years, 5 months ago

B is correct

upvoted 1 times

[Removed] 3 years, 7 months ago

B is correct. Enable the Node Auto-Upgrades feature for your GKE cluster.

upvoted 1 times

yuvi69 3 years, 7 months ago

answer is B . https://cloud.google.com/kubernetes-engine/versioning in 'specifying cluster version' section

upvoted 1 times

sumanshu 3 years, 7 months ago

Vote for B

upvoted 1 times
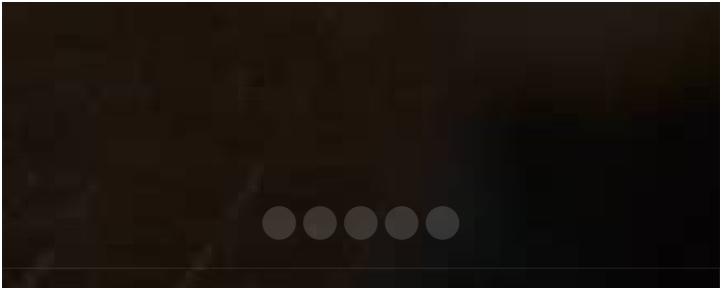
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