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📄 **EXAM AZ-900 TOPIC 1 QUESTION 343 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 343

Topic #: 1

[All AZ-900 Questions]

HOTSPOT -

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

To save on the costs of an unused Azure virtual machine that runs Windows 10, you should	▼
	disconnect the virtual machine during a Remote Desktop session
	put the virtual machine in sleep mode from a Remote Desktop session
	select Stop for the virtual machine from the Azure portal
	shut down the virtual machine from a Remote Desktop session

[**Show Suggested Answer**]

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by 👤 **Greg_Exam** at *Aug. 31, 2022, 3:43 p.m.*

Comments

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⊟ 👤 **Examiner** Highly Voted 👍 2 years, 1 month ago

Examiner 2 years, 1 month ago

super-wrong ! Of course you have to stop the VM in the portal to dealocate ressources.

👍 ↩ 🏳 upvoted 69 times

Greg_Exam `Highly Voted 👍` 2 years, 1 month ago

The correct answer is to stop VM from the Azure portal.
Shutting down the machine from the OS is not enough, you will still be paying for the Azure VM compute resources (aka hardware allocation).

👍 ↩ 🏳 upvoted 21 times

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zswap `Most Recent ⊙` 1 week, 2 days ago

To save costs on an unused Azure virtual machine running Windows 10, the best option is to select "Stop" for the virtual machine from the Azure portal. This action deallocates the compute resources and suspends billing for those resources until the virtual machine is started again.

👍 ↩ 🏳 upvoted 1 times

NoursBear 2 months, 4 weeks ago

Just read the doc proposed in the answer (non Microsoft) and stop saves you compute costs, shutdown from RDP shuts down the OS but not the compute costs. Don't forget a large proportion of answers are. deliberately wrong - else MS would have shut down all these sort of sites

👍 ↩ 🏳 upvoted 1 times

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e3ddceb 3 months, 1 week ago

Ans C- Selecting "Stop" for the virtual machine from the Azure portal will deallocate the resources and help you save on costs.

👍 ↩ 🏳 upvoted 1 times

Kholio86 3 months, 2 weeks ago

Shut down in the correct answer
https://learn.microsoft.com/en-us/azure/advisor/advisor-reference-cost-recommendations

Consider enabling autopause on Spark compute
Autopause releases and shuts down unused Compute resources after a set idle period of inactivity.

Right-size or shutdown underutilized virtual machine scale sets

👍 ↩ 🏳 upvoted 1 times

3d1d88d 9 months, 4 weeks ago

stopping the VM may have been right, but that option does not mention "during the RDP session"

👍 ↩ 🏳 upvoted 1 times

Armadillolta 11 months ago

In the answers to these tests I have always placed myself in this vision: there is a right answer and a more right one. Shutting down the VM saves money, but using stop in Azure Portal deallocates resources (public IP for example) and saves more. Here I take the stop in the portal.

https://learn.microsoft.com/en-us/answers/questions/574969/whats-the-difference-between-deallocated-and-stopp

👍 ↩ 🏳 upvoted 1 times

John198666 1 year, 1 month ago

Why do we keep getting this wrong answer who answers this questions??

👍 ↩ 🏳 upvoted 6 times

Luckybird 1 year, 4 months ago

The answer is incorrect , it should be stop the VM , donot accept any protests. cause I am right ,

👍 ↩ 🏳 upvoted 5 times

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rafacop 1 year, 6 months ago

Stop is de proper anwser to deallocate the resource and cost

👍 ↩ 🏳 upvoted 2 times

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akramul 1 year, 6 months ago

So far googling a lot and also got from chatGPT a well answer: To save on costs for an unused Azure virtual machine that runs Windows 10, you should select "stop" for the virtual machine from the Azure portal.

Stopping the virtual machine from the Azure portal will deallocate the compute resources, which will stop the accrual of charges for the virtual machine.

Shutting down the virtual machine from a Remote Desktop session will not deallocate the compute resources and will continue to accrue charges for the virtual machine.

So, it is recommended to use the Azure portal to stop the virtual machine to save on costs.

👍 ↩ 🏳 upvoted 3 times

Sean_n3 1 year, 7 months ago

Deallocating a virtual machine stops the billing for the compute resources associated with the virtual machine while retaining the configuration and data associated with it. Here are the steps to deallocate an Azure virtual machine:

Open the Azure portal and go to the Virtual Machines page.
Select the virtual machine that you want to deallocate.
Click on the Stop button in the top menu. This will stop the virtual machine and deallocate its resources.
Once the virtual machine is stopped, you can start it again by clicking on the Start button in the top menu.
By deallocating the virtual machine, you can avoid paying for the compute resources that are not being used. However, keep in mind that you will still be charged for any storage resources associated with the virtual machine, such as disks and images. To save on these costs as well, you can consider deleting the virtual machine altogether, but this will also delete all of the data associated with it.

👍 ↩ 🚩 upvoted 2 times

ziggy1117 1 year, 7 months ago

Stop from Azure Portal.

The second method, and the important one to remember, is to go into the Azure Portal (or use the Azure CLI or Azure PowerShell) and use Azure to Stop the VM. Instead of just shutting down the Operating System, Azure will also deallocate the compute resources allocated for the VM. This releases the compute resources to be used for another customer within Microsoft Azure. This will cause Azure to no longer charge you for the compute resources, and Azure will report the status of the VM as being in a "Stopped (Deallocated)" state.

https://build5nines.com/properly-shutdown-azure-vm-to-save-money/

👍 ↩ 🚩 upvoted 1 times

AlexKK 1 year, 7 months ago

Shut down is the correct answer:
check this link: https://learn.microsoft.com/en-us/azure/cost-management-billing/costs/tutorial-acm-opt-recommendations

The list of recommendations identifies usage inefficiencies or shows purchase recommendations that can help you save additional money. The totaled Potential yearly savings shows the total amount that you can save if you shut down or deallocate all of your VMs that meet recommendation rules. If you don't want to shut them down, you should consider resizing them to a less expensive VM SKU.

👍 ↩ 🚩 upvoted 2 times

> **4pelos** 9 months, 1 week ago
>
> Shut down is the correct answer
>
> 👍 ↩ 🚩 upvoted 1 times

Rohit2023 1 year, 8 months ago

I'll go with
"select Stop for the virtual machine from the Azure portal"

👍 ↩ 🚩 upvoted 2 times

Lopat 1 year, 8 months ago

i'm not a robot

👍 ↩ 🚩 upvoted 1 times

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