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📄 **EXAM AZ-900 TOPIC 1 QUESTION 24 DISCUSSION**

Actual exam question from Microsoft's AZ-900

Question #: 24

Topic #: 1

[All AZ-900 Questions]

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.

You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: You recommend the use of Azure DevTest Labs.

Does the solution meet the goal?

  A. Yes

  B. No

Show Suggested Answer

by 👤 **Petergrayston** at *July 1, 2021, 8:39 p.m.*

Comments

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◻ 👤 **Tommipeng** `Highly Voted 👍` **3 years, 3 months ago**

Use DevTest Labs for free*

Answer is correct
Quickly provision development and test environments
Minimize waste with quotas and policies
Set automated shutdowns to minimize costs
Build Windows and Linux environments

👍 ↩ ⚑ upvoted 56 times

◻ 👤 **Zedan12** `Highly Voted 👍` **1 year, 8 months ago**

`Selected Answer: A`

If we are using Test environment then the answer is Azure DevTest Labs and if the environment is production then the answer is Virtual Machine Scale Sets.
Correct me if i am wrong.

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◻ 👤 **P_BASNET** `Most Recent ⊙` **1 month ago**

A. Yes

Azure DevTest Labs is an ideal solution for managing and automating the lifecycle of virtual machines, especially for scenarios where virtual machines are frequently created and deleted.

👍 ↩ ⚑ upvoted 2 times

◻ 👤 **Shruti2024** **2 months ago**

`Selected Answer: A`

KEY WORDS --> Your company's developers

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◻ 👤 **siculoct** **5 months, 1 week ago**

It's A
Azure DevTest Labs is a service for easily creating, using, and managing infrastructure-as-a-service (IaaS) virtual machines (VMs) and platform-as-a-service (PaaS) environments in labs

👍 ↩ ⚑ upvoted 1 times

◻ 👤 **Alonsochaves** **7 months ago**

`Selected Answer: A`

Azure DevTest Labs is the correct answer for this question.

👍 ↩ ⚑ upvoted 1 times

◻ 👤 **EduardoMC** **7 months, 2 weeks ago**

A) Yes
Explanation:

Azure DevTest Labs is a service designed specifically to help manage and deploy development and testing environments in Azure. It allows developers to quickly create on-demand environments, including custom virtual machines, and also offers capabilities to automate administrative tasks such as deploying and removing resources.

With Azure DevTest Labs, developers can quickly create custom virtual machines with the necessary configurations, deploy them for use throughout the week, and remove them as needed, all automated and without the need for significant manual intervention.

Therefore, recommending the use of Azure DevTest Labs serves the purpose of reducing the administrative effort required for deploying and removing custom virtual machines in Azure.

👍 ↩ ⚑ upvoted 3 times

◻ 👤 **sindyvaness** **7 months, 3 weeks ago**

Yes,

👍 ↩ ⚑ upvoted 1 times

◻ 👤 **intentando** **11 months ago**

`Selected Answer: A`

https://azure.microsoft.com/en-us/products/devtest-lab

👍 ↩ ⚑ upvoted 1 times

◻ 👤 **Joipanom** **1 year ago**

Yes, recommending the use of Azure DevTest Labs is a suitable solution for this scenario. Azure DevTest Labs is designed to manage the lifecycle of development and testing environments, providing automation for the creation and deletion of resources, including virtual machines. It allows for rapid provisioning and de-provisioning of VMs, which aligns well with the requirement of deploying a large number of custom virtual machines on a weekly basis and removing them within the same week. It also supports both Windows and Linux operating systems, covering the mix of OSes mentioned in the scenario.

By utilizing Azure DevTest Labs, the developers can automate the deployment and removal process, which will significantly reduce the administrative effort required for these operations. Furthermore, it provides cost-management features, reusable templates, and integrations with various tools, enhancing the efficiency of the deployment process.

Therefore, the answer is:

A. Yes

👍 ↩ 🚩 **upvoted 5 times**

⊟ 👤 **AntonioTech** 1 year, 1 month ago
The answer is A. Yes

The solution meets the goal.

Azure DevTest Labs is a suitable Azure service for managing the deployment and lifecycle of custom virtual machines, especially when they need to be created and removed frequently, as in your scenario. With Azure DevTest Labs, you can create a lab environment where developers can quickly create and manage virtual machines for development and testing purposes. The lab management capabilities allow you to set up policies, quotas, and schedules, which can help reduce administrative effort and manage costs.

By using Azure DevTest Labs, developers can easily deploy custom virtual machines with Windows Server 2016 and Ubuntu Linux as needed, and these VMs can be automatically cleaned up or removed at the end of the week. This approach streamlines the deployment and management process, ensuring that administrative effort is reduced while meeting the dynamic requirements of your developers.

Therefore, recommending the use of Azure DevTest Labs is a suitable solution for achieving the goal of reducing administrative effort for deploying and managing a large number of custom virtual machines on a weekly basis.

👍 ↩ 🚩 **upvoted 4 times**

⊟ 👤 **Rainheart** 1 year, 2 months ago
Azure DevTest Labs is a more suitable solution. Azure DevTest Labs allows developers to quickly create, manage, and delete virtual machines for development and testing purposes. I

👍 ↩ 🚩 **upvoted 1 times**

⊟ 👤 **SandeepMK476** 1 year, 4 months ago
Link to description of Azure Devtest labs:

https://learn.microsoft.com/en-us/azure/devtest-labs/devtest-lab-overview

Description:
" Azure DevTest Labs is a service for easily creating, using, and managing infrastructure-as-a-service (IaaS) virtual machines (VMs) and platform-as-a-service (PaaS) environments in labs. Labs offer preconfigured bases and artifacts for creating VMs, and Azure Resource Manager (ARM) templates for creating environments like Azure Web Apps or SharePoint farms. "

👍 ↩ 🚩 **upvoted 1 times**

⊟ 👤 **Logan987** 1 year, 7 months ago

Selected Answer: A

A is the correct answer

👍 ↩ 🚩 **upvoted 1 times**

⊟ 👤 **Zaidsdb** 1 year, 8 months ago

Selected Answer: A

the correct answer is Yes

👍 ↩ 🚩 **upvoted 1 times**

⊟ 👤 **Kanders** 1 year, 8 months ago
A. Yes - Azure DevTest Labs

👍 ↩ 🚩 **upvoted 1 times**

⊟ 👤 **TungstonTim** 1 year, 9 months ago

Selected Answer: A

DevTest Labs is a service that allows developers and testers to easily create and manage virtual machines in a centralized and controlled environment. It can be used to automatically deploy virtual machines based on custom images, and allows for the easy scaling of the number of virtual machines as needed.

It also allows you to control the costs by creating policies that automatically shut down or de-allocate virtual machines when

It also allows you to control the costs by creating policies that automatically shut down or de-allocate virtual machines when they are no longer in use.

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