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Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 22 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 22

Topic #: 1

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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 Microsoft Managed Desktop.

Does the solution meet the goal?

A. Yes

B. No




Show Suggested Answer

by  [iwarakorn](#) at July 1, 2021, 6:33 a.m.

Comments

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  **bashy96** Highly Voted  3 years, 3 months ago

The correct answer should be Azure DevTest Labs.

   upvoted 75 times

  **chartanalyst** 2 years, 11 months ago

The question is not explicit about the environment of the deployment, whether its for Production or DevTest. While the answer is correct, but why would Azure DevTest Labs be the answer for this scenario? Wouldn't ARM templates be useful?

   upvoted 13 times

  **mhanief** 1 year, 9 months ago

it was mention that "developers intend to deploy and remove VM in the same week". Keyword is "developers" and "deploy and remove". Most probably is it the test environment. So DevTest is correct answer and more relevant to this scenario I guess.

   upvoted 15 times

  **louloua** 1 year, 4 months ago

they can use ARM templates for VM configuration and DevTest Labs for auto start and auto shutdown of VMs

   upvoted 3 times

  **Funen** 9 months ago

I understand your point, but the key word here is developers.


In this case, the ideal option is Azure DevTest Labs, as it is a tool made for this type of situation. If there were no developers involved in the issue, then it would be ARM Templates.

   upvoted 2 times

  **shadeey** 2 years, 10 months ago

DevTest Labs are perfect for this scenario while they want to create 50 VMs they also want to DECOMMISSION them in a very short period of time. that spells completely: test environment.

   upvoted 25 times

  **tubsss** 11 months, 1 week ago

great explanation

   upvoted 1 times

  **edengoforit** 3 years ago



This is the answer

   upvoted 6 times

  **AlbertKwan** 1 year, 11 months ago

I don't agree with you. Azure DevTest Labs is only for Testing.

   upvoted 5 times

  **BinuRaj** Highly Voted  3 years, 3 months ago

Answer correct. It is not Microsoft Managed Desktop.

Welcome to Microsoft Managed Desktop

Microsoft Managed Desktop brings together Microsoft 365 Enterprise, cloud-based device management by Microsoft, and security monitoring, enabling you to free your IT team to focus on core business needs. Currently, the Microsoft Managed Desktop service is offered only by invitation. Learn more on Microsoft docs or contact your Microsoft account manager. If you're unfamiliar with Microsoft Managed Desktop, learn more about the service.

   upvoted 29 times

  **Rakhmonbek** 1 year, 11 months ago

I dont agree, what about ubuntu server?

   upvoted 2 times

  **Anchorwave** 8 months ago

Well Ubuntu is probably not supported by Microsoft Managed Desktop, another reason why the correct answer is not A.

   upvoted 2 times

  **P_BASNET** Most Recent  1 month ago

B. No

Microsoft Managed Desktop is a service designed for managing and securing Windows 10 devices. It provides services like device management, security updates, and support for Windows desktops but does not handle the creation and

management of virtual machines.

For managing a large number of virtual machines that are frequently deployed and removed, you would typically use:

Azure Virtual Machine Scale Sets: These allow you to manage and scale a set of virtual machines easily, automating deployment and scaling tasks.

Azure Automation: This service can automate repetitive tasks, such as creating and deleting virtual machines based on schedules or triggers.

Azure Resource Manager (ARM) Templates: Define and deploy virtual machines in a consistent manner using infrastructure-as-code practices.

Therefore, recommending Microsoft Managed Desktop does not address the needs for managing and automating virtual machine lifecycle tasks. The correct answer is B. No.

   upvoted 2 times

  **Lekshmi_rl** 6 months ago

To reduce administrative effort for deploying and removing virtual machines on a large scale, you would typically use Infrastructure as Code (IaC) solutions such as Azure Resource Manager (ARM) templates, Azure PowerShell, Azure CLI, or Azure Automation. These tools allow you to define the desired state of your infrastructure in code, enabling automated deployment, scaling, and management of resources in Azure. Hence the Answer is B

   upvoted 2 times

  **Zidano** 9 months ago

The correct Answer should be Azure Virtual Desktop

   upvoted 1 times

  **windy610** 10 months ago

gpt4 said Azure DevOps, Azure Resource Manager (ARM), Azure Automation can do that

   upvoted 1 times

  **intentando** 11 months ago

Selected Answer: B

b

   upvoted 2 times

  **NixxyG** 1 year, 1 month ago

Selected Answer: B

Good guess

   upvoted 1 times

  **AntonioTech** 1 year, 1 month ago

The answer is B. No

Microsoft Managed Desktop is not an appropriate solution for deploying and managing a large number of custom virtual machines on a weekly basis. Microsoft Managed Desktop is a service that provides managed Windows 10 devices for organizations, and it's not designed for managing virtual machines, especially with the frequency and diversity described in your scenario.

For managing virtual machines in Azure, a more suitable solution would be to use Azure Automation or Azure Resource Manager (ARM) templates. These tools allow you to automate the deployment and management of virtual machines, including the creation, configuration, and deletion of resources. You can define your desired state in code, and these tools will handle the provisioning and management tasks, reducing administrative effort.

Therefore, the solution of using Microsoft Managed Desktop does not meet the goal of reducing administrative effort for deploying and managing virtual machines in Azure.

   upvoted 7 times

  **sudara** 1 year, 2 months ago

B. No

The solution does not meet the goal. Microsoft Managed Desktop is not a suitable Azure service for the scenario described. Microsoft Managed Desktop is a service that provides a managed Windows 10 experience for end-users, primarily for physical devices.

To reduce administrative effort for deploying and managing a large number of custom virtual machines on a weekly basis, you should consider using Azure DevTest Labs. Azure DevTest Labs allows you to quickly create, deploy, and manage virtual machines in a cost-effective manner. You can create custom virtual machine images with both Windows Server 2016 and Ubuntu Linux pre-installed, which can be used as a base for rapidly provisioning new virtual machines. DevTest Labs also enables you to set policies and quotas to control costs and resources.

By using Azure DevTest Labs, developers can self-provision virtual machines from pre-configured images without the need for significant administrative intervention, reducing administrative effort and streamlining the VM deployment process.

   upvoted 5 times

🗨️ **jana90** 1 year, 3 months ago

Correct answer is Azure DevTest Labs.

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.

Lab owners can create preconfigured VMs that have tools and software lab users need. Lab users can claim preconfigured VMs, or create and configure their own VMs and environments. Lab policies and other methods track and control lab usage and costs.

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

👍 🔄 🚩 upvoted 2 times

🗨️ **PirateKingKumar** 1 year, 4 months ago

The correct answer should be Azure Virtual machine scale sets.

For example, let's say you have a web application that experiences a spike in traffic during a certain time of day, such as during lunchtime. By using VMSS, you can set up a group of virtual machines to handle the increased traffic during that time, and then scale down the number of instances when the traffic decreases.

👍 🔄 🚩 upvoted 2 times

🗨️ **abojoj** 1 year, 4 months ago

whats about Windows Virtual desktop is it the correct tool for this sinario

👍 🔄 🚩 upvoted 1 times

🗨️ **GeeKaizer1** 1 year, 7 months ago

this is the answer

👍 🔄 🚩 upvoted 1 times

🗨️ **kingfighers** 1 year, 7 months ago

the microsoft managed desktop does not support linux?? check this page:<https://learn.microsoft.com/en-us/managed-desktop/overview/service-plan>

👍 🔄 🚩 upvoted 1 times

🗨️ **BeauChateau** 1 year, 7 months ago

Selected Answer: B

No, the solution does not meet the goal. Microsoft Managed Desktop is a service that provides a managed Windows 10 environment for users. It is not designed for managing the deployment and removal of virtual machines in Azure.

A more suitable solution would be to use Azure Virtual Machine Scale Sets, which allow for the automatic creation and deletion of VMs based on predefined rules. This would greatly reduce the administrative effort needed for deploying and removing custom VMs.

👍 🔄 🚩 upvoted 17 times

🗨️ **suresh_fx** 1 year, 7 months ago

NO, Microsoft Managed Desktop is a service offered by Microsoft that provides a managed desktop experience for end-users, including device management, security, and compliance features. It is not designed to manage the deployment and removal of custom virtual machines on a weekly basis.

👍 🔄 🚩 upvoted 2 times

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