

問題#1**主題1**

拖放 -

您的公司打算訂閱 Azure 支援計劃。

支援計劃必須允許打開新的支援請求。

以下哪些是允許這樣做的支援計劃？通過將正確選項從列表中拖到答案區域來回答。

選擇和放置：

Options**Answer**

Basic

Developer

Standard

PROFESSIONAL
DIRECT

PREMIER

隱藏解決方案

討論 55

正確答案：

Question #1**Topic 1**

DRAG DROP -

Your company intends to subscribe to an Azure support plan.

The support plan must allow for new support requests to be opened.

Which of the following are support plans that will allow this? Answer by dragging the correct option from the list to the answer area.

Select and Place:

Options**Answer**

Basic

Developer

Standard

PROFESSIONAL
DIRECT

PREMIER

隱藏解決方案

討論 55

正確答案：

Options**Answer**

Basic

Developer

Developer

Standard

Standard

PROFESSIONAL
DIRECTPROFESSIONAL
DIRECT

PREMIER

PREMIER

參考資料：

<https://azure.microsoft.com/en-us/support/plans/>

問題2

主題1

貴公司在洛杉磯和紐約設有數據中心。該公司擁有 Microsoft Azure 訂閱。

您正在將兩個數據中心配置為地理集群站點以實現站點彈性。

你需要推薦一個 Azure 存儲冗餘選項。

您有以下數據存儲要求：

- 數據必須存儲在多個節點上。
- 數據必須存儲在不同地理位置的節點上。
- 可以從輔助位置和主要位置讀取數據

您應該推薦以下哪個 Azure 存儲冗餘選項？

A. 異地冗餘存儲

B. 只讀異地冗餘存儲

C. 區域冗餘存儲

D. 本地冗餘存儲

隱藏解決方案

討論 15

正確答案：B

RA-GRS 通過提供對複製到輔助位置的數據的 *只讀* 訪問，使您的存儲帳戶具有更高的讀取可用性。啟用此功能後，如果數據在主要區域不可用，則可以使用次要位置來實現更高的可用性。這是一項

opt-in 功能，需要對存儲帳戶進行異地複制。

參考資料：

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy-grs#read-access-geo-redundant-storage>

Question #2

Topic 1

Your company has datacenters in Los Angeles and New York. The company has a Microsoft Azure subscription.

You are configuring the two datacenters as geo-clustered sites for site resiliency.

You need to recommend an Azure storage redundancy option.

You have the following data storage requirements:

- Data must be stored on multiple nodes.
 - Data must be stored on nodes in separate geographic locations.
 - Data can be read from the secondary location as well as from the primary location
- Which of the following Azure stored redundancy options should you recommend?

A. Geo-redundant storage

B. Read-only geo-redundant storage

C. Zone-redundant storage

D. Locally redundant storage

Hide Solution

Discussion 15

Correct Answer: B

RA-GRS allows you to have higher read availability for your storage account by providing *read only* access to the data replicated to the secondary location. Once you enable this feature, the secondary location may be used to achieve higher availability in the event the data is not available in the primary region. This is an *opt-in* feature which requires the storage account be geo-replicated.

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy-grs#read-access-geo-redundant-storage>

問題#3

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的 Azure 訂閱包括基本支持計劃。

他們想請求 Microsoft 對 Azure 環境的設計進行評估。然而，現有計劃並不支持這一點。

您希望確保公司訂閱支持此功能的支持計劃，同時將費用保持在最低水平。

解決方案：您建議公司訂閱 Professional Direct 支持計劃。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 25

正確答案：B

參考資料：

<https://azure.microsoft.com/en-gb/support/plans/>

Question #3

Topic 1

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 Azure subscription includes a Basic support plan.

They would like to request an assessment of an Azure environment's design from Microsoft. This is, however, not supported by the existing plan.

You want to make sure that the company subscribes to a support plan that allows this functionality, while keeping expenses to a minimum.

Solution: You recommend that the company subscribes to the Professional Direct support plan.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 25

Correct Answer: B

References:

<https://azure.microsoft.com/en-ab/support/plans/>

問題 #4

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的任務是為你的公司部署 Azure 虛擬機。

你需要使用適當的雲部署解決方案。

解決方案：您應該使用軟件即服務 (SaaS)。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 17

正確答案：B

這是最基本的雲計算服務類別。借助 IaaS，您可以從雲提供商處以現收現付的方式租用 IT 基礎設施——服務器和虛擬機 (VM)、存儲、網絡和操作系統。<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

Question #4

Topic 1

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.

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Software as a Service (SaaS).

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 17

Correct Answer: B

This is the most basic category of cloud computing services. With IaaS, you rent IT infrastructure—servers and virtual machines (VMs), storage, networks, and operating systems—from a cloud provider on a pay-as-you-go basis.
<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

問題#5

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的任務是為你的公司部署 Azure 虛擬機。

你需要使用適當的雲部署解決方案。

解決方案：您應該使用平台即服務 (PaaS)。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 11

正確答案 : B

Question #5

Topic 1

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.

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Platform as a Service (PaaS).

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 11

Correct Answer: B

問題 #6

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的任務是為你的公司部署 Azure 虛擬機。

你需要使用適當的雲部署解決方案。

解決方案：您應該使用基礎設施即服務 (IaaS)。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 18

正確答案：A ✎

Question #6

Topic 1

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.

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Infrastructure as a Service (IaaS).

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 18

Correct Answer: A ✎

問題#7

主題1

您的開發人員已創建 10 個必須託管在 Azure 上的 Web 應用程序。

您需要確定託管 Web 應用程序的 Azure Web 層計劃。Web 層計劃必須滿足以下要求：

- Web 應用程序將使用自定義域。
- 每個網絡應用程序都需要 10 GB 的存儲空間。
- Web 應用程序必須每個都在專用計算實例中運行。
- 必須包含實例間的負載均衡。
- 必須盡量減少成本。

您應該使用哪個 Web 層計劃？

A. 標準

B. 基本

C. 免費

D. 共享

隱藏解決方案

討論 71

正確答案：B

Standard 提供 50 GB 的存儲空間，而 Basic 僅提供 10 GB。

參考資料：

<http://azure.microsoft.com/en-us/pricing/details/websites/>

Question #7

Topic 1

Your developers have created 10 web applications that must be host on Azure.

You need to determine which Azure web tier plan to host the web apps. The web tier plan must meet the following requirements:

- The web apps will use custom domains.
- The web apps each require 10 GB of storage.
- The web apps must each run in dedicated compute instances.
- Load balancing between instances must be included.
- Costs must be minimized.

Which web tier plan should you use?

A. Standard

B. Basic

C. Free

D. Shared

Hide Solution

Discussion 71

Correct Answer: B

Standard offers 50 GB of storage space, while Basic only gives 10 GB.

References:

問題#8

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你計劃將公司遷移到 Azure。公司眾多部門中的每一個都將配備一名管理員來管理各自部門使用的 Azure 資源。

您希望確保您使用的 Azure 部署允許將 Azure 細分為各個部門，同時將管理工作保持在最低限度。

解決方案：您計劃使用多個 Azure Active Directory (Azure AD) 目錄。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 13

正確答案: B

一個 Azure AD 就足夠了。無需創建多個 AAD。

Question #8

Topic 1

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.

You are planning to migrate a company to Azure. Each of the company's numerous divisions will have an administrator in place to manage the Azure resources used by their respective division.

You want to make sure that the Azure deployment you employ allows for Azure to be segmented for the divisions, while keeping administrative effort to a minimum.

Solution: You plan to make use of several Azure Active Directory (Azure AD) directories.
Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 13

Correct Answer: B

One Azure AD would suffice. No need to create several AADs.

問題#9

主題1

您的開發人員已為邁阿密分公司的用戶創建了一個門戶 Web 應用程序。該網絡應用程序將可供邁阿密用戶公開訪問並用於檢索客戶和產品信息。Web 應用程序當前正在本地測試環境中運行。

你計劃在 Azure 上託管 Web 應用程序。

你需要確定託管 Web 應用程序的 Azure Web 層計劃。Web 層計劃必須滿足以下要求：

- 該網站將使用 miami.weyland.com URL。
- 該網站將部署到兩個實例。
- 必須包含 SSL 支持。
- 該網站需要 12 GB 的存儲空間。
- 必須盡量減少成本。

您應該使用哪個 Web 層計劃？

A. 標準

B. 基本

C. 免費

D. 共享

隱藏解決方案

討論 7

正確答案：A

參考資料：

<http://azure.microsoft.com/en-us/documentation/articles/azure-subscription-service-limits/>

關鍵字 12 GB 免費 = 1 GB 共享 = 1 GB 基本 = 10 GB 標準 = 50
GB 高級 = 250 GB 隔離 = 1 TB <https://azure.microsoft.com/en-us/pricing/details/app-service/windows/>

Question #9

Topic 1

Your developers have created a portal web app for users in the Miami branch office. The web app will be publicly accessible and used by the Miami users to retrieve customer and product information. The web app is currently running in an on-premises test environment.

You plan to host the web app on Azure.

You need to determine which Azure web tier plan to host the web app. The web tier plan must meet the following requirements:

- The website will use the miami.weyland.com URL.
- The website will be deployed to two instances.
- SSL support must be included.
- The website requires 12 GB of storage.
- Costs must be minimized.

Which web tier plan should you use?

A. Standard

B. Basic

C. Free

D. Shared

Hide Solution

Discussion 7

Correct Answer: A

References:

<http://azure.microsoft.com/en-us/documentation/articles/azure-subscription-service-limits/>

keyword 12 GB
Free = 1 GB
Shared = 1 GB
Basic = 10 GB
Standard = 50 GB
Premium = 250 GB
Isolated = 1 TB

問題 #10

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司計劃將所有虛擬機遷移到 Azure 即用即付訂閱。虛擬機當前託管在數據中心的 Hyper-V 主機上。

你需要確保預期的 Azure 解決方案使用正確的支出模型。

解決方案：您應該推薦使用彈性支出模型。

解決方案是否達到目標？

資本支出 Capital Expenditure (CapEx) 營運支出 Operational Expenditure (OpEx)

A. 是的

B. 否

隱藏解決方案

討論 26

正確答案：B

彈性不是一種支出模型，而是可以計算的特徵之一。

<https://azure.microsoft.com/en-us/overview/what-is-elastic-computing/> 雲計算的基本優勢是將您的高資本支出 (CAPEX) 要求轉變為最佳的現收現付模式這是運營支出 (OPEX)

<https://azure.microsoft.com/en-us/pricing/purchase-options/pay-as-you-go/>

Question #10

Topic 1

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 is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the elastic expenditure model.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 26

Correct Answer: B

Elasticity is not an expenditure model rather is one of the characteristics of could computing.

<https://azure.microsoft.com/en-us/overview/what-is-elastic-computing/>

The basic advantage of cloud computing is shifting your high Capital Expenditure (CAPEX) requirements to optimal Pay -As-You-Go model which is Operational Expenditure (OPEX)

<https://azure.microsoft.com/en-us/pricing/purchase-options/pay-as-you-go/>

問題 #11

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司計劃將所有虛擬機遷移到 Azure 即用即付訂閱。虛擬機當前託管在數據中心的 Hyper-V 主機上。

你需要確保預期的 Azure 解決方案使用正確的支出模型。

解決方案：您應該推薦使用可擴展的支出模型。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 15

正確答案: B

答案是否定的。因為我們有兩種支出模型。一個是資本支出，另一個是運營支出。所以可擴展的支出不是正確的答案。

Question #11

Topic 1

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 is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the scalable expenditure model.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 15

Correct Answer: B

Answer is NO. Because we have two expenditure models. One is Cap-Ex, another is Op-Ex. So Scalable Expenditure is not the right answer.

問題 #12

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司計劃將所有虛擬機遷移到 Azure 即用即付訂閱。虛擬機當前託管在數據中心的 Hyper-V 主機上。

你需要確保預期的 Azure 解決方案使用正確的支出模型。

解決方案：您應該推薦使用運營支出模型。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 9

正確答案：A ✎

Question #12

Topic 1

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 is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the operational expenditure model.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 9

Correct Answer: A ✎

問題 #13

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你需要在 Azure 中部署**人工智能 (AI)** 解決方案。

您希望確保能夠為解決方案構建、測試和部署預測分析。

解決方案：您應該使用 Azure Cosmos DB。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 9

正確答案：*B* ✎

Question #13

Topic 1

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.

You are required to deploy an Artificial Intelligence (AI) solution in Azure.

You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Cosmos DB.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 9

Correct Answer: *B* ✎

Answer is NO.

Azure Cosmos DB is a fully managed NoSQL database for modern app development. Single-digit millisecond response times, and automatic and instant scalability, guarantee speed at any scale.



問題 #14

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

您公司的 Active Directory 林包括數千個用戶帳戶。

您已獲悉所有網絡資源都將遷移到 Azure。此後，本地數據中心將退役。

一旦計劃的遷移完成，您需要採用減少對用戶影響的策略。

解決方案：您計劃將所有 Active Directory 用戶帳戶同步到 Azure Active Directory (Azure AD)。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 15

正確答案：A ✎

Question #14

Topic 1

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 Active Directory forest includes thousands of user accounts.

You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.

You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

Solution: You plan to sync all the Active Directory user accounts to Azure Active Directory (Azure AD). Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 15

Correct Answer: A ✎



問題 #15

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你需要在 Azure 中部署人工智能 (AI) 解決方案。

您希望確保能夠為解決方案構建、測試和部署預測分析。

解決方案：您應該使用 Azure 機器學習工作室。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 9

正確答案: A

Question #15

Topic 1

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.

You are required to deploy an Artificial Intelligence (AI) solution in Azure.

You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Machine Learning Studio.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 9

Correct Answer: A

問題 #16

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的基礎結構包括多個業務部門，每個部門都需要大量不同的 Azure 資源來進行日常運營。

每個業務單元所需的資源是相同的。

你需要批准一項自動創建 Azure 資源的策略。

解決方案：您建議將 Azure API 管理服務包含在策略中。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 22

正確答案：B

答案是 B - 否。Azure API 管理服務 (APIM) 是一種為現有後端服務創建和管理客戶 API 的方法。問題是詢問一種自動（即時）創建 Azure 資源的方法。ARM (Azure 資源管理器) 是一種在 AZ 雲上自動部署的工具。

Question #16

Topic 1

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 infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.

The resources required by each business unit are identical.

You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that the Azure API Management service be included in the strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 22

Correct Answer: B

Answer is B - No. Azure API Management Service (APIM) is a way to create and manage customer APIs for existing backend services. The Question is asking about a way to create Azure resources automatically (on the fly). ARM (Azure Resource Manager) is a tool that automates the deployments on the AZ cloud.

問題 #17

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的基礎結構包括多個業務部門，每個部門都需要大量不同的 Azure 資源來進行日常運營。

每個業務單元所需的資源是相同的。

你需要批准一項自動創建 Azure 資源的策略。

解決方案：您建議將管理組包括在策略中。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 12

正確答案: B

Question #17

Topic 1

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 infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.

The resources required by each business unit are identical.

You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that management groups be included in the strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 12

Correct Answer: B



問題 #18

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的基礎結構包括多個業務部門，每個部門都需要大量不同的 Azure 資源來進行日常運營。

每個業務單元所需的資源是相同的。

你需要批准一項自動創建 Azure 資源的策略。

解決方案：建議將 Azure 資源管理器模板包含在策略中。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 12

正確答案：A

Question #18

Topic 1

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 infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.

The resources required by each business unit are identical.

You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that the Azure Resource Manager templates be included in the strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 12

Correct Answer: A

問題 #19

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的任務是將關鍵的 LOB 應用程序部署到 Azure，該應用程序將安裝在虛擬機上。

您被告知應用程序部署策略應保證 **99.99% 的可用性**。您需要確保該策略需要盡可能少的虛擬機和可用區。

解決方案：您在策略中包括兩台虛擬機和一個可用區。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 14

正確答案： B ✎

參考資料：

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

需要 2 個可用區中的 2 個虛擬機

Question #19

Topic 1

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.

You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.

You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

Solution: You include two virtual machines and one availability zone in your strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 14

Correct Answer: B ✎

References:

while the text you are showing is correct, the answer is NO.
to ensure 99.99 SLA you need 2 VMs in 2 availability zones

問題#20

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的任務是將關鍵的 LOB 應用程序部署到 Azure，該應用程序將安裝在虛擬機上。

您被告知應用程序部署策略應保證 99.99% 的可用性。您需要確保該策略需要盡可能少的虛擬機和可用區。

解決方案：您在策略中包括一台虛擬機和兩個可用區。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 17

正確答案： B

參考資料：

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

Question #20

Topic 1

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.

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You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

Solution: You include one virtual machine and two availability zones in your strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 17

Correct Answer: B

References:



問題 #21

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的任務是將關鍵的 LOB 應用程序部署到 Azure，該應用程序將安裝在虛擬機上。

您被告知應用程序部署策略應保證 99.99% 的可用性。您需要確保該策略需要盡可能少的虛擬機和可用區。

解決方案：您在策略中包括兩個虛擬機和兩個可用區。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 16

正確答案：A

參考資料：

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

Question #21

Topic 1

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.

You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.

You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

Solution: You include two virtual machines and two availability zones in your strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 16

Correct Answer: A

References:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

問題#22

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的開發人員打算**每週部署大量自定義虛擬機**。他們還將在部署的**同一周內刪除**這些虛擬機。60% 的虛擬機安裝了 Windows Server 2016，而另外 40% 的虛擬機安裝了 Ubuntu Linux。您需要確保通過採用合適的 Azure 服務來減少此過程所需的管理工作。

解決方案：您建議使用 Microsoft 託管桌面。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 10

正確答案：**B** 

正確答案應該是 Azure DevTest Labs。

Question #22

Topic 1

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

Hide Solution

Discussion 10

問題 #23

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的開發人員打算每週部署大量自定義虛擬機。他們還將在部署的同一周內刪除這些虛擬機。60% 的虛擬機安裝了 Windows Server 2016，而另外 40% 的虛擬機安裝了 Ubuntu Linux。您需要確保通過採用合適的 Azure 服務來減少此過程所需的管理工作。

解決方案：建議使用 Azure 預留虛擬機 (VM) 實例。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 8

正確答案： B

正確答案應該是 Azure DevTest Labs。

Question #23

Topic 1

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 Reserved Virtual Machines (VM) Instances.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 8



問題 #24

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

貴公司的開發人員打算每週部署大量自定義虛擬機。他們還將在部署的同一周內刪除這些虛擬機。60% 的虛擬機安裝了 Windows Server 2016，而另外 40% 的虛擬機安裝了 Ubuntu Linux。您需要確保通過採用合適的 Azure 服務來減少此過程所需的管理工作。

解決方案：建議使用 Azure DevTest Labs。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 13

正確答案：A

Question #24

Topic 1

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

Hide Solution

Discussion 13



問題 #25

主題1

您的公司擁有託管在 Microsoft Azure 中的虛擬機 (VM)。VM 位於名為 VNet1 的單個 Azure 虛擬網絡中。

該公司擁有遠程工作的用戶。遠程工作人員需要訪問 VNet1 上的 VM。

您需要為遠程工作人員提供訪問權限。

你該怎麼辦？

- A. 配置站點到站點 (S2S) VPN。
- B. 配置 VNet 到 VNet VPN。
- C. 配置點到站點 (P2S) VPN。
- D. 在 Windows Server 2012 服務器虛擬機上配置 DirectAccess。
- E. 配置多站點 VPN

隱藏解決方案

討論 14

正確答案 : C

點到站點 (P2S) VPN 網關連接允許您從單個客戶端計算機創建到虛擬網絡的安全連接。

參考資料 :

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpngateways>

Question #25

Topic 1

Your company has virtual machines (VMs) hosted in Microsoft Azure. The VMs are located in a single Azure virtual network named VNet1.

The company has users that work remotely. The remote workers require access to the VMs on VNet1. You need to provide access for the remote workers.

What should you do?

- A. Configure a Site-to-Site (S2S) VPN.
- B. Configure a VNet-toVNet VPN.
- C. Configure a Point-to-Site (P2S) VPN.
- D. Configure DirectAccess on a Windows Server 2012 server VM.
- E. Configure a Multi-Site VPN

Reveal Solution

Discussion 14

← Previous Questions

Next Questions →



問題 #26

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的上司已告知你公司打算將服務器部署到 Azure 的自動化。但是，有人擔心在此過程中可能會發現管理憑據。

您需要確保在部署期間使用合適的 Azure 解決方案對管理憑據進行加密。

解決方案：建議使用 Azure 信息保護。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 19

正確答案： B

正確答案是 B。 解決方案：Azure Key Vault

Question #26

Topic 1

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.

You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.

You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

Solution: You recommend the use of Azure Information Protection.

Does the solution meet the goal?

A. Yes

B. No

Reveal Solution

Discussion 19

問題 #27

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你的上司已告知你公司打算將服務器部署到 Azure 的自動化。但是，有人擔心在此過程中可能會發現管理憑據。

您需要確保在部署期間使用合適的 Azure 解決方案對管理憑據進行加密。

解決方案：建議使用 Azure 多重身份驗證 (MFA)。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 11

正確答案：B ✎

正確答案是 B。解決方案：Azure Key Vault

Question #27

Topic 1

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.

You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.

You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

Solution: You recommend the use of Azure Multi-Factor Authentication (MFA).

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 11

Correct Answer D



DRAG DROP -

該公司希望利用 Azure 政府開發雲解決方案。Azure 政府只能由某些類型的客戶使用來開發雲解決方案。

在這種情況下，以下哪些類型的客戶可以使用 Azure Government? 通過將正確選項從列表中拖到答案區域來回答。

選擇和放置：

Options

A government contractor from any country.

A government entity from any country.

A European government contractor.

A European government entity.

A United States government contractor.

A United States government entity.

Answer

A United States government contractor.

A United States government entity.

DRAG DROP -

The company would like to develop a cloud solution by making use of Azure Government. Azure Government can only be used by certain types of clients to develop cloud solutions.

Which of the following are the types of customers that can make use of Azure Government in this situation? Answer by dragging the correct option from the list to the answer area.

Select and Place:

Options

A government contractor from any country.

A government entity from any country.

A European government contractor.

A European government entity.

A United States government contractor.

A United States government entity.

Answer

A United States government contractor.

A United States government entity.



問題 #29

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

您的公司擁有 Azure Active Directory (Azure AD) 環境。用戶偶爾會通過 Internet 連接到 Azure AD。

你的任務是確保自動鼓勵從身份不明的 IP 地址通過 Internet 連接到 Azure AD 的用戶更改密碼。

解決方案：配置 Azure AD 身份保護的使用。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 11

正確答案：A

參考資料：

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy>

Question #29

Topic 1

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 has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.

You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

Solution: You configure the use of Azure AD Identity Protection.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 11

Correct Answer: A

References:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy>

問題 #30

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

您的公司擁有 Azure Active Directory (Azure AD) 環境。用戶偶爾會通過 Internet 連接到 Azure AD。

你的任務是確保自動鼓勵從身份不明的 IP 地址通過 Internet 連接到 Azure AD 的用戶更改密碼。

解決方案：配置 Azure AD 特權身份管理的使用。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 6

正確答案: B

參考資料：

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy>

正確的服務是 Azure AD 身份保護。

Question #30

Topic 1

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 has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.

You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

Solution: You configure the use of Azure AD Privileged Identity Management.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 6

Correct Answer: B

References:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy>

Correct service would be Azure AD Identity Protection.



問題 #31

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你正在規劃將大量 Web 服務器和數據庫服務器部署到 Azure 的策略。

此策略應允許控制 Web 服務器和數據庫服務器之間的連接類型。

解決方案：您在策略中包括網絡安全組 (NSG)。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 15

正確答案：A

Question #31

Topic 1

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.

You are planning a strategy to deploy numerous web servers and database servers to Azure.

This strategy should allow for connection types between the web servers and database servers to be controlled.

Solution: You include network security groups (NSGs) in your strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 15

Correct Answer: A

問題 #32

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

你正在規劃將大量 Web 服務器和數據庫服務器部署到 Azure 的策略。

此策略應允許控制 Web 服務器和數據庫服務器之間的連接類型。

解決方案：您在策略中包含一個本地網絡網關。

解決方案是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 9

正確答案：B

Question #32

Topic 1

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.

You are planning a strategy to deploy numerous web servers and database servers to Azure.

This strategy should allow for connection types between the web servers and database servers to be controlled.

Solution: You include a local network gateway in your strategy.

Does the solution meet the goal?

A. Yes

B. No

Hide Solution

Discussion 9

Correct Answer: B

問題 #33

主題1

注意：該問題包含在許多描述相同設置的問題中。然而，每個問題都有一個獨特的結果。確定解決方案是否滿足要求。

您公司的 Active Directory 林包括數千個用戶帳戶。

您已獲悉所有網絡資源都將遷移到 Azure。此後，本地數據中心將退役。

一旦計劃的遷移完成，您需要採用 **減少對用戶影響** 的策略。

解決方案：您計劃需要 Azure 多重身份驗證 (MFA)。

解決方案是否達到目標？

A. 是的

B. 否 **得票最多**

隱藏解決方案

討論 108

正確答案： A 

Question #33

Topic 1

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 Active Directory forest includes thousands of user accounts.

You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.

You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

Solution: You plan to require Azure Multi-Factor Authentication (MFA).

Does the solution meet the goal?

A. Yes

B. No **Most Voted**

Hide Solution

Discussion 108

Correct Answer: A 



熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

Statements

Yes No

A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.

A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically.

A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.

正確答案：

Answer Area

Statements

Yes No

A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.

No

A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically.

Yes

A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.

Yes

Web apps in Azure provides professional development services to continuously add features to custom applications.

框 1：否 -

PaaS 解決方案不提供對操作系統的訪問。Azure Web Apps 服務為你提供了一個託管 Web 應用程序的環境。

在幕後，Web 應用程序託管在運行 IIS 的虛擬機上。但是，您無法直接訪問虛擬機、操作系統或

IIS。

框 2：是 -

在 Azure 中託管 Web 應用程序的 PaaS 解決方案確實提供了自動擴展平台的能力。這稱為自動縮放。在幕後，Web 應用程序託管在運行 IIS 的虛擬機上。自動縮放意味著添加更多負載平衡的虛擬機來託管 Web 應用程序。

方框 3：是的 -

PaaS 提供了一個框架，開發人員可以在此基礎上開發或定制基於雲的應用程序。PaaS 開發工具可以通過平台中內置的預編碼應用程序組件（例如工作流、目錄服務、安全功能、搜索等）縮短編寫新應用程序所需的時間。



問題 #35

主題1

熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

Statements

Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx).

Yes No

If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.

When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.

 [隱藏解決方案](#)[討論 67](#)

正確答案：

Answer Area

Azure provides **flexibility** between capital expenditure(CapEx) and operational expenditure(OpEx).

Yes

If you create **two Azure virtual machines** that use the B2S size, each virtual machine **will always generate the same monthly costs**.

No

When Azure **virtual machine is stopped**, you continue to **pay storage costs** associated to the virtual machine.

Yes

框 1：是 -

傳統上，IT 支出被視為資本支出 (CapEx)。如今，隨著遷移到雲和現收現付模式，組織有能力擴展預算，並將其 IT 資本支出成本轉為運營支出 (OpEx)。由於“作為服務”購買軟件、雲存儲和其他 IT 相關資源的模式，這種靈活性在會計方面現在是一種選擇。

框 2：否 -

使用相同大小的兩個虛擬機可能具有不同的磁盤配置。因此，每月的費用可能會有所不同。

方框 3：是的 -

當 Azure 虛擬機停止時，您無需為虛擬機付費。但是，您仍然需要支付與虛擬機相關的存儲成本。

最常見的存儲成本是附加到虛擬機的磁盤。還有其他與虛擬機相關的存儲成本，例如用於診斷數據和虛擬機備份的存儲。

參考資料：

<https://meritsolutions.com/capex-vs-opex-cloud-computing-blog/>

問題 #36

主題1

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

When you are implementing a Software as a Service (SaaS) solution, you are responsible for

- configuring high availability.
- defining scalability rules.
- installing the SaaS solution.
- configuring the SaaS solution.

隱藏解決方案

討論 27

正確答案：

Answer Area

When you are implementing a Software as a Service (SaaS) solution, you are responsible for

- configuring high availability.
- defining scalability rules.
- installing the SaaS solution.
- configuring the SaaS solution.

當您實施軟件即服務 (SaaS) 解決方案時，您有責任配置 SaaS 解決方案。其他一切都由雲提供商管理。

SaaS 需要最少的管理。雲提供商負責管理一切，最終用戶只使用軟件。

軟件即服務 (SaaS) 允許用戶通過 Internet 連接和使用基於雲的應用程序。常見示例是電子郵件、日曆和辦公工具

(例如 Microsoft Office 365) 。

SaaS 提供完整的軟件解決方案，您可以從雲服務提供商處以現收現付的方式購買。您為您的組織租用應用程序，您的用戶通常使用 Web 瀏覽器通過 Internet 連接到該應用程序。所有底層基礎設施、中間件、應用軟件和應用數據都位於服務提供商的數據中心。服務提供商管理硬件和軟件，並通過適當的服務協議確保應用程序和您的數據的可用性和安全性。

參考：

<https://azure.microsoft.com/en-in/overview/what-is-saas/>

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/5-雲服務類型>

問題 #37

主題1

您有一個包含多個服務器的本地網絡。

你計劃將所有服務器遷移到 Azure。

如果單個 Azure 數據中心長時間脫機，**您需要推薦一種解決方案以確保某些服務器可用。**

您應該在建議中包含哪些內容？

- A. 容錯
- B. 彈性
- C. 可擴展性
- D. 低延遲

隱藏解決方案

討論 32

正確答案：A 

容錯是系統在其某些組件發生故障時繼續運行的能力。

在這個問題中，您可以擁有多個數據中心複製的服務器。

可用區擴展了您必須保持 VM 上的應用程序和數據的可用性的控制級別。可用區是 Azure 區域內唯一的物理位置。每個區域由一個或多個配備獨立電源、冷卻和網絡的數據中心組成。為確保彈性，所有啟用的區域中至少有三個獨立的區域。區域內可用區的物理隔離可保護應用程序和數據免受數據中心故障的影響。

通過可用區，Azure 提供業界最佳的 99.99% VM 正常運行時間 SLA。通過構建您的解決方案可以在區域中使用複制的 VM，您可以保護您的應用程序和數據免受數據中心丟失的影響。

如果一個區域受到威脅，那麼複制的應用程序和數據將立即在另一個區域中可用。

參考資料：

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>

Question #37

Topic 1

You have an on-premises network that contains several servers.

You plan to migrate all the servers to Azure.

You need to recommend a solution to ensure that some of the servers are available if a single Azure data center goes offline for an extended period.

What should you include in the recommendation?

- A. fault tolerance
- B. elasticity
- C. scalability
- D. low latency

Hide Solution

Discussion 32

Correct Answer: A 

Fault tolerance is the ability of a system to continue to function in the event of a failure of some of its components.

In this question, you could have servers that are replicated across datacenters.

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there are a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures.

With Availability Zones, Azure offers industry best 99.99% VM uptime SLA. By architecting your solutions to use replicated VMs in zones, you can protect your applications and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in



問題 #38

主題1

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

An organization that hosts its infrastructure

▼	no longer requires a data center.
	in a private cloud
	in a hybrid cloud
	in the public cloud
	on a Hyper-V host

隱藏解決方案

討論 24

正確答案：

Answer Area

An organization that hosts its infrastructure

▼	no longer requires a data center.
	in a private cloud
	in a hybrid cloud
	in the public cloud
	on a Hyper-V host

▼ no longer requires a data center.

私有云託管在您的數據中心。因此，如果您使用私有云，則無法關閉數據中心。

公共雲在外部託管，例如在 Microsoft Azure 中。在公共雲中託管其基礎架構的組織可以關閉其數據中心。

公共雲是最常見的部署模型。在這種情況下，您沒有本地硬件來管理或保持最新。一切都在您的雲提供商的硬件上運行。

Microsoft Azure 是公共雲提供商的一個示例。

在私有云中，您創建了一個雲環境在您自己的數據中心，並為您組織中的用戶提供對計算資源的自助訪問。

這為您的用戶提供了公共雲的模擬，但您仍然對您提供的硬件和軟件服務的購買和維護負全部責任。

參考：

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>

問題 #39

主題1

公有云的兩個特點是什麼？每個正確答案都提供了一個完整的解決方案。

注意：每個正確的選擇都值得一分。

- A. 專用硬件
- B. 不安全的連接
- C. 有限的存儲
- D. 計量定價
- E. 自助管理

隱藏解決方案

討論 55

正確答案：*DE*

使用公有云，您可以獲得即用即付定價。您只需為使用的內容付費，沒有資本支出成本。

使用公有云，您可以自助管理。您負責部署和配置虛擬機或網站等雲資源。託管雲資源的底層硬件由雲提供商管理。

錯誤答案：

A：您沒有專用硬件。底層硬件是共享的，因此您可以擁有多個客戶使用託管在同一物理硬件上的雲資源

◦ B：與公共雲的連接是安全的

◦ C：存儲不受限制。您可以擁有盡可能多的存儲。

參考：

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>

Question #39

Topic 1

What are two characteristics of the public cloud? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. dedicated hardware
- B. unsecured connections
- C. limited storage
- D. metered pricing
- E. self-service management

Hide Solution

Discussion 55

Correct Answer: *DE*

With the public cloud, you get pay-as-you-go pricing – you pay only for what you use, no CapEx costs.

With the public cloud, you have self-service management. You are responsible for the deployment and configuration of the cloud resources such as virtual machines or web sites. The underlying hardware that hosts the cloud resources is managed by the cloud provider.

Incorrect Answers:

A: You don't have dedicated hardware. The underlying hardware is shared so you could have multiple customers using cloud resources hosted on the same physical hardware.

B: Connections to the public cloud are secure.

C: Storage is not limited. You can have as much storage as you like.

References:

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

When planning to migrate a public website to Azure,
you must plan to

- deploy a VPN.
- pay monthly usage costs.
- pay to transfer all the website data to Azure.
- reduce the number of connections to the website.

隱藏解決方案

討論 33

正確答案：

Answer Area

When planning to migrate a public website to Azure,
you must plan to

- deploy a VPN.
- pay monthly usage costs.
- pay to transfer all the website data to Azure.
- reduce the number of connections to the website.

在計劃將公共網站遷移到 Azure 時，您必須計劃支付每月的使用費用。這是因為 Azure 使用即用即付模型。

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

When planning to migrate a public website to Azure,
you must plan to

- deploy a VPN.
- pay monthly usage costs.
- pay to transfer all the website data to Azure.
- reduce the number of connections to the website.

Hide Solution

Discussion 33

Correct Answer:

Answer Area

When planning to migrate a public website to Azure,
you must plan to

- deploy a VPN.
- pay monthly usage costs.
- pay to transfer all the website data to Azure.
- reduce the number of connections to the website.

When planning to migrate a public website to Azure, you must plan to pay monthly usage costs. This is because Azure uses the pay-as-you-go model.



問題 #41

主題1

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有多個正確的解決方案，而另一些可能沒有正確的解決方案。

在您回答此部分中的問題後，您將無法返回到該部分。因此，這些問題將不會出現在復習屏幕上。

貴公司計劃將其所有數據和資源遷移到 Azure。

該公司的遷移計劃規定，只能在 Azure 中使用平台即服務 (PaaS) 解決方案。

需要部署符合公司遷移計劃的 Azure 環境。

解決方案：創建 Azure 應用服務和 Azure SQL 數據庫。

這是否達到目標？

A. 是的

B. 否

隱藏解決方案

討論 25

正確答案：A

Azure 應用服務和 Azure SQL 數據庫是 Azure PaaS 解決方案的示例。因此，該解決方案確實達到了目標。

Question #41

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

Solution: You create an Azure App Service and Azure SQL databases.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 25

Correct Answer: A

Azure App Service and Azure SQL databases are examples of Azure PaaS solutions. Therefore, this solution does meet the goal.

問題 #42

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

貴公司計劃將其所有數據和資源遷移到 Azure。

該公司的遷移計劃規定，在 Azure 中只能使用平台即服務 (PaaS) 解決方案。

您需要部署符合公司遷移計劃的 Azure 環境。

解決方案：創建安裝了 Microsoft SQL Server 的 Azure 應用服務和 Azure 虛擬機。

這是否達到目標？

Azure VM 屬於 IaaS

A. 是的

B. 沒有 投票最多

隱藏解決方案

討論 137

正確答案：

Azure App Service 是一種 PaaS (平台即服務) 服務 。 Azure 虛擬機是 IaaS (基礎架構即服務) 服務和 Paas 服務。

因此，該解決方案確實達到了目標。

注意：與 IaaS 一樣，PaaS 包括基礎設施“服務器、存儲和網絡”，還包括中間件、開發工具、商業智能 (BI) 服務、數據庫管理系統等。PaaS 旨在支持完整的 Web 應用程序生命週期：構建、測試、部署、管理和更新。

參考：

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

社區投票分配

乙 (97%)

Question #42

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

Solution: You create an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

Does this meet the goal?

A. Yes

B. No Most Voted

Hide Solution

Discussion 137

Correct Answer: A 🏆

Azure App Service is a PaaS (Platform as a Service) service. Azure virtual machines are an IaaS (Infrastructure as a Service) service, and a Paas service.

Therefore, this solution does meet the goal.

Note: Like IaaS, PaaS includes infrastructure—servers, storage, and networking—but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

問題 #43

主題1

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有多個正確的解決方案，而另一些可能沒有正確的解決方案。

在您回答此部分中的問題後，您將無法返回到該部分。因此，這些問題將不會出現在復習屏幕上。

貴公司計劃將其所有數據和資源遷移到 Azure。

該公司的遷移計劃規定，只能在 Azure 中使用平台即服務 (PaaS) 解決方案。

需要部署符合公司遷移計劃的 Azure 環境。

解決方案：創建 Azure 應用服務和 Azure 存儲帳戶。

這是否達到目標？

A. 是的 得票最多

B. 否

隱藏解決方案

討論 74

正確答案： B 🖊

Question #43

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

Solution: You create an Azure App Service and Azure Storage accounts.

Does this meet the goal?

A. Yes Most Voted

B. No

Hide Solution

Discussion 74

Correct Answer: B 🖊

問題 #44

主題1

您的公司託管了一個名為 App1 的會計應用程序，該應用程序由公司的所有客戶使用。

App1 在每個月的前三週使用率較低，而在每個月的最後一周使用率很高。

Azure 雲服務的哪些優勢支持此類使用模式的成本管理？

- A. 高可用
- B. 高延遲
- C. 彈性
- D. 負載均衡

隱藏解決方案

討論 48

正確答案 : C

在這種情況下，彈性是在需要時提供額外計算資源並在不需要時減少計算資源以降低成本的能力。

自動縮放是彈性的一個例子。

彈性計算是快速擴展或減少計算機處理、內存和存儲資源以滿足不斷變化的需求的能力，而無需擔心峰值使用的容量規劃和工程。通常由系統監控工具控制，彈性計算將分配的資源量與實際需要的資源量相匹配，而不會中斷操作。借助雲彈性，公司可以避免為未使用的容量或閒置資源付費，並且不必擔心投資購買或維護額外的資源和設備。

參考資料：

<https://azure.microsoft.com/en-gb/overview/what-is-elastic-computing/>

Question #44

Topic 1

Your company hosts an accounting application named App1 that is used by all the customers of the company.

App1 has low usage during the first three weeks of each month and very high usage during the last week of each month.

Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?

- A. high availability
- B. high latency
- C. elasticity
- D. load balancing

Hide Solution

Discussion 48

Correct Answer: C

Elasticity in this case is the ability to provide additional compute resource when needed and reduce the compute resource when not needed to reduce costs.

Autoscaling is an example of elasticity.

Elastic computing is the ability to quickly expand or decrease computer processing, memory and storage resources to meet changing demands without worrying about capacity planning and engineering for peak usage. Typically controlled by system monitoring tools, elastic computing matches the amount of resources allocated to the amount of resources actually needed without disrupting operations. With cloud elasticity, a company avoids paying for unused capacity or idle



問題 #45

主題1

你計劃將 Web 應用程序遷移到 Azure。Web 應用程序由外部用戶訪問。

您需要推薦一種雲部署解決方案，**以最大限度地減少用於管理 Web 應用程序的管理工作量**。

您應該在建議中包含哪些內容？

- A. 軟件即服務 (SaaS)
- B. 平台即服務 (PaaS)
- C. 基礎設施即服務 (IaaS)
- D. 數據庫即服務 (DaaS)

隱藏解決方案

討論 62

正確答案：B

Azure 應用服務是一種平台即服務 (PaaS) 產品，可讓你為任何平台或設備創建 Web 和移動應用程序，並連接到雲中或本地任意位置的數據。應用服務包括以前作為 Azure 網站和 Azure 移動服務單獨提供的 Web 和移動功能。

參考資料：

<https://docs.microsoft.com/en-us/azure/security/fundamentals/paas-applications-using-app-services>

Question #45

Topic 1

You plan to migrate a web application to Azure. The web application is accessed by external users.

You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application.

What should you include in the recommendation?

- A. Software as a Service (SaaS)
- B. Platform as a Service (PaaS)
- C. Infrastructure as a Service (IaaS)
- D. Database as a Service (DaaS)

Hide Solution

Discussion 62

Correct Answer: B

Azure App Service is a platform-as-a-service (PaaS) offering that lets you create web and mobile apps for any platform or device and connect to data anywhere, in the cloud or on-premises. App Service includes the web and mobile capabilities that were previously delivered separately as Azure Websites and Azure Mobile Services.

References:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/paas-applications-using-app-services>



HOTSPOT -

Azure 虛擬機和 Azure SQL 數據庫使用哪種雲部署解決方案？要回答，請在回答區域中選擇適當的選項。

注意：每個正確的選擇都值得一分。

隱藏解決方案

討論 83

正確答案：

Answer Area

Azure virtual machines:

- Infrastructure as a service (IaaS)
- Platform as a service (PaaS)
- Software as a service (SaaS)

Azure SQL databases:

- Infrastructure as a service (IaaS)
- Platform as a service (PaaS)
- Software as a service (SaaS)

方框 1：

Azure 虛擬機是基礎架構即服務 (IaaS)。

基礎設施即服務是最靈活的雲服務類別。它旨在讓您完全控制運行應用程序的硬件 (IT 基礎架構服務器和虛擬機 (VM)、存儲、網絡和操作系統)。通過 IaaS，您無需購買硬件，而是租用它。

方框 2：

Azure SQL 數據庫是平台即服務 (PaaS)。

Azure SQL 數據庫是一個完全託管的平台即服務 (PaaS) 數據庫引擎，無需用戶參與即可處理大多數數據庫管理功能，例如昇級、修補、備份和監視。Azure SQL 數據庫始終在最新穩定版本的 SQL Server

數據庫引擎和修補操作系統上運行，可用性為 99.99%。Azure SQL 數據庫中內置的 PaaS 功能使您能夠專注於對您的業務至關重要的特定領域的數據庫管理和優化活動。

參考：

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/5-types-of-cloud-services> <https://docs.microsoft.com/en-us/azure/sql-database/sql-database-paas-index>

HOTSPOT -

Which cloud deployment solution is used for Azure virtual machines and Azure SQL databases? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Azure virtual machines:

- Infrastructure as a service (IaaS)
- Platform as a service (PaaS)
- Software as a service (SaaS)

Azure SQL databases:

- Infrastructure as a service (IaaS)
- Platform as a service (PaaS)
- Software as a service (SaaS)

Box 1:

Azure virtual machines are Infrastructure as a Service (IaaS).

Infrastructure as a Service is the most flexible category of cloud services. It aims to give you complete control over the hardware that runs your application (IT infrastructure servers and virtual machines (VMs), storage, networks, and operating systems). Instead of buying hardware, with IaaS, you rent it.

Box 2:

Azure SQL databases are Platform as a Service (PaaS).

Azure SQL Database is a fully managed Platform as a Service (PaaS) Database Engine that handles most of the database management functions such as upgrading, patching, backups, and monitoring without user involvement. Azure SQL Database is always running on the latest stable version of SQL Server

Database Engine and patched OS with 99.99% availability. PaaS capabilities that are built-in into Azure SQL database enable you to focus on the domain specific database administration and optimization activities that are critical for your business.

Reference:

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/5-types-of-cloud-services> <https://docs.microsoft.com/en-us/azure/sql-database/sql-database-paas-index>

問題 #47

主題1

您有一個包含 100 台服務器的本地網絡。

您需要推薦一種可為用戶提供額外資源的解決方案。該解決方案必須最大限度地減少資本和運營支出成本。

您應該在建議中包含哪些內容？

- A. 完全遷移到公有云
- B. 額外的數據中心
- C. 私有云
- D. 混合雲

[隱藏解決方案](#)

[討論 410](#)

正確答案: D

混合雲是私有云和公共雲的組合。

資本支出是用於基礎設施（例如新服務器）的前期支出。

使用混合雲，您可以繼續使用本地服務器，同時在公共雲（例如 Azure）中添加新服務器。

在

Azure 中添加新服務器可以最大限度地降低資本支出成本，因為您無需像在本地部署新服務器那樣為新服務器付費。

錯誤答案：

A：將 100 台服務器完整遷移到公有云會涉及大量的運營支出（遷移所有服務器的成本）。

B：額外的數據中心將涉及大量資本支出（新基礎設施的成本）。

C：私有云託管在本地服務器上，這將涉及大量資本支出（託管私有云的新基礎架構成本）。

參考：

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>

Question #47

Topic 1

You have an on-premises network that contains 100 servers.

You need to recommend a solution that provides additional resources to your users. The solution must minimize capital and operational expenditure costs.

What should you include in the recommendation?

- A. a complete migration to the public cloud
- B. an additional data center
- C. a private cloud
- D. a hybrid cloud

[Hide Solution](#)

[Discussion 410](#)

Correct Answer: D

A hybrid cloud is a combination of a private cloud and a public cloud.

Capital expenditure is the spending of money up-front for infrastructure such as new servers.

With a hybrid cloud, you can continue to use the on-premises servers while adding new servers in the public cloud (Azure for example). Adding new servers in

Azure minimizes the capital expenditure costs as you are not paying for new servers as you would if you deployed new server on-premises.

Incorrect Answers:

A: A complete migration of 100 servers to the public cloud would involve a lot of operational expenditure (the cost of migrating all the servers).

B: An additional data center would involve a lot of capital expenditure (the cost of the new infrastructure).

C: A private cloud is hosted on on-premises servers so this would involve a lot of capital expenditure (the cost of the new infrastructure to host the private cloud).

Reference:

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>



熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input type="radio"/>	<input checked="" type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

[隱藏解決方案](#)

[討論 65](#)

正確答案：

Answer Area

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

框 1：否 -

公司必須始終從私有云模型遷移以實施混合雲是不正確的。您可以從公共雲開始，然後將其與內部部署的基礎架構相結合以實施混合雲。

框 2：是 -

公司可以通過使用公共雲擴展其內部網絡的容量。這是很常見的。當您需要更多容量而不是為新的本地基礎架構付費時，您可以配置雲環境並使用 VPN 將本地網絡連接到雲環境。

方框 3：否 -

並非只有訪客用戶才能訪問雲資源。你可以授予在 Azure Active Directory 中擁有帳戶的任何人訪問雲資源的權限。

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

[Hide Solution](#)

[Discussion 65](#)

Correct Answer:

Answer Area

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

It is not true that a company must always migrate from a private cloud model to implement a hybrid cloud. You could start with a public cloud and then combine that with an on-premises infrastructure to implement a hybrid cloud.

Box 2: Yes -

A company can extend the capacity of its internal network by using the public cloud. This is very common. When you need more capacity, rather than pay out for new on-premises infrastructure, you can configure a cloud environment and connect your on-premises network to the cloud environment by using a VPN.

問題 #49

主題1

你計劃將多個服務器從本地網絡遷移到 Azure。
通過本地網絡為服務器使用公共雲服務有什麼優勢？

- A. 公共雲歸公眾所有，而不是私人公司
- B. 公有云是一種眾包解決方案，為企業提供增強雲的能力
- C. 所有公有云資源都可以被每個公眾免費訪問
- D. 公共雲是一個共享實體，多個公司各自使用雲中的一部分資源

隱藏解決方案

討論 25

正確答案 : D

公共雲是一個共享實體，多個公司各自使用雲中的一部分資源。硬件資源（服務器、基礎設施等）由雲提供商管理。多家公司在硬件資源上創建虛擬機和虛擬網絡等資源。

錯誤答案：

- A : 公有云不屬於公有。就 Microsoft Azure 而言，雲由 Microsoft 擁有。
- B : 公共云不是眾包解決方案。就 Microsoft Azure 而言，雲由 Microsoft 擁有。
- C : 公有云資源可以被每個公眾成員自由訪問是不正確的。您為雲訂閱付費並為您的用戶創建帳戶以訪問您的雲資源。在您創建用戶帳戶並提供適當的訪問權限之前，沒有人可以訪問您的雲資源。

問題 #50

主題1

熱點 -
要完成句子，請在答案區域中選擇適當的選項。
熱點地區：

Question #49

Topic 1

You plan to migrate several servers from an on-premises network to Azure.
What is an advantage of using a public cloud service for the servers over an on-premises network?

- A. The public cloud is owned by the public, NOT a private corporation
- B. The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud
- C. All public cloud resources can be freely accessed by every member of the public
- D. The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

Hide Solution

Discussion 25

Correct Answer: D

The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud. The hardware resources (servers, infrastructure etc.) are managed by the cloud provider. Multiple companies create resources such as virtual machines and virtual networks on the hardware resources.

Incorrect Answers:

- A: The public cloud is not owned by the public. In the case of Microsoft Azure, the cloud is owned by Microsoft.
- B: The public cloud is not a crowd-sourcing solution. In the case of Microsoft Azure, the cloud is owned by Microsoft.
- C: It is not true that public cloud resources can be freely accessed by every member of the public. You pay for a cloud subscription and create accounts for your users to access your cloud resources. No one can access your cloud resources until you create user accounts and provide the appropriate access permissions.

問題 #50

主題1

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

Azure Site Recovery provides  for virtual machines.

fault tolerance
disaster recovery
elasticity
high availability

[隱藏解決方案](#)

[討論 140](#)

正確答案：

Answer Area

Azure Site Recovery provides  for virtual machines.

fault tolerance
disaster recovery
elasticity
high availability

Azure Site Recovery 通過在中斷期間保持業務應用和工作負載運行來幫助確保業務連續性。
Site Recovery 將在物理機和虛擬機 (VM) 上運行的工作負載從主站點複製到次要位置。

參考：

<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-overview>

Question #50

Topic 1

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

Azure Site Recovery provides  for virtual machines.

fault tolerance
disaster recovery
elasticity
high availability

[Hide Solution](#)

[Discussion 140](#)

Correct Answer:

Answer Area

Azure Site Recovery provides  for virtual machines.

fault tolerance
disaster recovery
elasticity
high availability

Azure Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery replicates workloads running on physical and virtual machines (VMs) from a primary site to a secondary location.

Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-overview>



問題 #51

主題1

在哪種類型的雲模型中，所有硬件資源都歸第三方所有並在多個租戶之間共享？

- A. 私人
- B. 混合
- C. 公共

隱藏解決方案

討論 23

正確答案：C

Microsoft Azure、Amazon Web Services 和 Google Cloud 是公共雲服務的三個示例。

微軟、亞馬遜和谷歌擁有硬件。租戶是使用公共雲服務的客戶。

問題 #52

主題1

Question #51

Topic 1

In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

- A. private
- B. hybrid
- C. public

Hide Solution

Discussion 23

Correct Answer: C

Microsoft Azure, Amazon Web Services and Google Cloud are three examples of public cloud services.

Microsoft, Amazon and Google own the hardware. The tenants are the customers who use the public cloud services.



問題 #52

主題1

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area 雲端查詢地端

An Azure web app that queries an **on-premises** Microsoft SQL server is an example of a cloud.

hybrid
multi-vendor
private
public

[隱藏解決方案](#)

[討論 30](#)

正確答案：

Answer Area

An Azure web app that queries an on-premises Microsoft SQL server is an example of a cloud.

hybrid
multi-vendor
private
public

參考：

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

Question #52

Topic 1

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

An Azure web app that queries an on-premises Microsoft SQL server is an example of a cloud.

hybrid
multi-vendor
private
public

[Hide Solution](#)

[Discussion 30](#)

Correct Answer:

Answer Area

An Azure web app that queries an on-premises Microsoft SQL server is an example of a cloud.

hybrid
multi-vendor
private
public

Reference:

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>



問題 #53

主題1

您有 1,000 台虛擬機託管在數據中心的 Hyper-V 主機上。
你計劃將所有虛擬機遷移到 Azure 即用即付訂閱。
你需要確定要用於計劃的 Azure 解決方案的支出模型。
您應該確定哪種支出模型？

- A. 可操作的 營運
- B. 有彈性
- C. 資本
- D. 可擴展

隱藏解決方案

討論 54

正確答案：A

從本地雲遷移到公共雲時，您將面臨的主要變化之一是從資本支出（購買硬件）轉向運營支出（在使用時支付服務費用）。此轉換還需要更仔細地管理您的成本。雲的好處是，您只需在不需要時關閉或調整其大小，就可以從根本上積極地影響您使用的服務的成本。

參考：

<https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold>

Question #53

Topic 1

You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center.
You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription.
You need to identify which expenditure model to use for the planned Azure solution.
Which expenditure model should you identify?

- A. operational
- B. elastic
- C. capital
- D. scalable

Hide Solution

Discussion 54

Correct Answer: A

One of the major changes that you will face when you move from on-premises cloud to the public cloud is the switch from capital expenditure (buying hardware) to operating expenditure (paying for service as you use it). This switch also requires more careful management of your costs. The benefit of the cloud is that you can fundamentally and positively affect the cost of a service you use by merely shutting down or resizing it when it's not needed.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold>

拖放 -

將 Azure 雲服務權益與正確的描述相匹配。

說明：要回答，請將左側欄中的相應權益拖到右側的描述中。每個福利可以使用一次、多次或根本不使用。

注意：每個正確的匹配值一分。

[隱藏解決方案](#)

[討論 \(21\)](#)

正確答案：

Answer Options **Answer Area**

A cloud service that remains available after a failure occurs	Fault tolerance
A cloud service that can be recovered after a failure occurs	Disaster recovery
A cloud service that performs quickly when demand increases	Dynamic scalability
A cloud service that can be accessed quickly from the Internet.	Low latency

方框 1：

容錯是服務的一個組件發生故障後保持可用的能力。例如，運行在多台服務器上的服務可以承受其中一台服務器的故障。

方框 2：

災難恢復是服務發生故障後的恢復。例如，在虛擬機出現故障後從備份恢復虛擬機。

方框 3：

動態可擴展性是在服務負載較重時將計算資源添加到服務的能力。例如，在虛擬機規模集中，當現有虛擬機負載過重時，會添加額外的虛擬機實例。

方框 4：

延遲是服務響應請求的時間。例如，從 Web 服務器返回網頁所需的時間。低延遲意味著低響應時間，這意味著更快的響應。

參考資料：

[https](#)

<https://msdn.microsoft.com/en-us/magazine/mt422582.aspx>

<https://searchdisasterrecovery.techtarget.com/definition/cloud-disaster-recovery-cloud-DR>

<http://www.siasmsp.com/the-benefit-of-scalability-in-cloud-computing-2/>

DRAG DROP -

Match the Azure Cloud Services benefit to the correct description.

Instructions: To answer, drag the appropriate benefit from the column on the left to its description on the right. Each benefit may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

[Hide Solution](#)

[Discussion \(21\)](#)

Correct Answer:

Answer Options **Answer Area**

A cloud service that remains available after a failure occurs	Fault tolerance
A cloud service that can be recovered after a failure occurs	Disaster recovery
A cloud service that performs quickly when demand increases	Dynamic scalability
A cloud service that can be accessed quickly from the Internet.	Low latency

Box 1:

Fault tolerance is the ability of a service to remain available after a failure of one of the components of the service. For example, a service running on multiple servers can withstand the failure of one of the servers.

Box 2:

Disaster recovery is the recovery of a service after a failure. For example, restoring a virtual machine from backup after a virtual machine failure.

Box 3:

Dynamic scalability is the ability for compute resources to be added to a service when the service is under heavy load. For example, in a virtual machine scale set, additional instances of the virtual machine are added when the existing virtual machines are under heavy load.

Box 4:

Latency is the time a service to respond to requests. For example, the time it takes for a web page to be returned from a web server. Low latency means low response time which means a quicker response.

熱點 -

隱藏解決方案

討論 65

正確答案：

Answer Area**Statements****Yes** **No**

To implement a hybrid cloud model, a company must have an internal network.

A company can extend the computing resources of its internal network by using a hybrid cloud.

In a public cloud model, only guest users at your company can access the resources in the cloud.

框 1：否 -

公司必須始終從內部網絡遷移以實施混合雲是不正確的。您可以從公共雲開始，然後將其與內部部署的基礎架構相結合以實施混合雲。

方框 2：是 -

公司可以通過使用公共雲擴展其內部網絡的計算資源。這是很常見的。當您需要更多資源而不是為新的本地基礎架構付費時，您可以配置雲環境並使用 VPN 將本地網絡連接到雲環境。

方框 3：否 -

並非只有訪客用戶才能訪問云資源。你可以授予在 Azure Active Directory 中擁有帳戶的任何人訪問云資源的權限。

有許多身份驗證方案，但常見的一種是將本地 Active Directory 帳戶複製到 Azure Active Directory 並提供對 Azure Active Directory 帳戶的訪問。另一種常用的身份驗證方法是



HOTSPOT -

Hide Solution

Discussion 65

Correct Answer:

Answer Area**Statements****Yes** **No**

To implement a hybrid cloud model, a company must have an internal network.

A company can extend the computing resources of its internal network by using a hybrid cloud.

In a public cloud model, only guest users at your company can access the resources in the cloud.

Box 1: No -

It is not true that a company must always migrate from an internal network to implement a hybrid cloud. You could start with a public cloud and then combine that with an on-premises infrastructure to implement a hybrid cloud.

Box 2: Yes -

A company can extend the computing resources of its internal network by using the public cloud. This is very common. When you need more resources, rather than pay out for new on-premises infrastructure, you can configure a cloud environment and connect your on-premises network to the cloud environment by using a VPN.

Box 3: No -

It is not true that only guest users can access cloud resources. You can give anyone with an account in Azure Active Directory access to the cloud resources.

There are many authentication scenarios but a common one is to replicate your on-premises Active

熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area**Statements****Yes** **No**

A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.

A Platform as a Service (PaaS) solution can automatically scale the number of instances.

隱藏解決方案

討論 83

正確答案：

Answer Area**Statements****Yes** **No**

A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.

A Platform as a Service (PaaS) solution can automatically scale the number of instances.

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area**Statements****Yes** **No**

A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.

A Platform as a Service (PaaS) solution can automatically scale the number of instances.

Hide Solution

Discussion 83

Correct Answer:

Answer Area**Statements****Yes** **No**

A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.

A Platform as a Service (PaaS) solution can automatically scale the number of instances.

您的公司有一個包含多台服務器的本地網絡。

公司計劃減少以下管理職責：

- 備份應用程序數據
- 更換故障服務器硬件
- 管理物理服務器安全
- 更新服務器操作系統
- 管理共享文檔

的權限公司計劃將服務器遷移到 Azure 虛擬機。

您需要確定在計劃的遷移之後將消除哪些管理職責。

您應該確定哪兩項職責？每個正確答案都提供了一個完整的解決方案。

注意：每個正確的選擇都值得一分。

A. 更換出現故障的服務器硬件

B. 備份應用程序數據

C. 管理物理服務器安全

D. 更新服務器操作系統

E. 管理共享文檔的權限

隱藏解決方案

討論 6

正確答案：AC

Azure 虛擬機在 Hyper-V 物理服務器上運行。物理服務器由 Microsoft 擁有和管理。作為 Azure 客戶，您無權訪問物理服務器。Microsoft 管理故障服務器硬件的更換和物理服務器的安全性，因此您無需這樣做。

錯誤答案：

B : Microsoft 無法控制您在虛擬機上運行的應用程序。因此，您有責任確保備份應用程序數據。

D : Microsoft 不管理您在虛擬機上運行的操作系統。因此，您有責任確保更新操作系統。

E : Microsoft 無法控制您在虛擬機上託管的共享文件夾。因此，您有責任確保正確配置文件夾權限。



Your company has an on-premises network that contains multiple servers.

The company plans to reduce the following administrative responsibilities:

- Backing up application data
- Replacing failed server hardware
- Managing physical server security
- Updating server operating systems
- Managing permissions to shared documents

The company plans to migrate servers to Azure virtual machines.

You need to identify which administrative responsibilities will be eliminated after the planned migration.

Which two responsibilities should you identify? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Replacing failed server hardware

B. Backing up application data

C. Managing physical server security

D. Updating server operating systems

E. Managing permissions to shared documents

Hide Solution

Discussion 6

Correct Answer: AC

Azure virtual machines run on Hyper-V physical servers. The physical servers are owned and managed by Microsoft. As an Azure customer, you have no access to the physical servers. Microsoft manage the replacement of failed server hardware and the security of the physical servers so you don't need to.

Incorrect Answers:

B: Microsoft have no control over the applications you run on the virtual machines. Therefore, it is your responsibility to ensure that application data is backed up.

D: Microsoft do not manage the operating systems you run on the virtual machines. Therefore, it is your responsibility to ensure that the operating systems are updated.

E: Microsoft have no control over the shared folders you host on the virtual machines. Therefore, it

熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

[隱藏解決方案](#)

[討論 54](#)

正確答案：

Answer Area

Statements

Yes No

Azure Pay-As-You-Go pricing is an example of CapEx.

Paying electricity for your datacenter is an example of OpEx.

Deploying your own datacenter is an example of CapEx.

當您從本地雲遷移到公共雲時，您將面臨的主要變化之一是從資本支出（購買硬件）轉向運營支出（在使用時支付服務費用）。

框 1：否 -

使用現收現付模式，您在使用服務時為服務付費。這是 Opex（運營支出），而不是 CapEx（資本支出）。資本支出是您預先支付某些費用的地方。例如，購買新的物理服務器。

框 2：否 -

為您自己的數據中心支付電費將被歸類為資本支出，而不是運營支出。

方框 3：是的 -

部署您自己的數據中心是資本支出的一個例子。這是因為您需要先購買所有基礎設施，然後才能使用它。

參考：

<https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

[Hide Solution](#)

[Discussion 54](#)

Correct Answer:

Answer Area

Statements

Yes No

Azure Pay-As-You-Go pricing is an example of CapEx.

Paying electricity for your datacenter is an example of OpEx.

Deploying your own datacenter is an example of CapEx.

One of the major changes that you will face when you move from on-premises cloud to the public cloud is the switch from capital expenditure (buying hardware) to operating expenditure (paying for service as you use it).

Box 1: No -

With the pay-as-go model, you pay for services as you use them. This is Opex (Operational Expenditure), not CapEx (Capital Expenditure). CapEx is where you pay for something upfront. For example, buying a new physical server.

Box 2: No -

Paying for electricity for your own datacenter will be classed as CapEx, not OpEx.

Box 3: Yes -

Deploying your own datacenter is an example of CapEx. This is because you need to purchase all the infrastructure upfront before you can use it.

問題 #59**主題1**

你計劃在 Azure 中預配基礎結構即服務 (IaaS) 資源。

哪個資源是 IaaS 的示例？

A. Azure Web 應用

B. Azure 虛擬機

C. Azure 邏輯應用

D. Azure SQL 數據庫

隱藏解決方案

討論 24

正確答案：B

Azure 虛擬機是基礎結構即服務 (IaaS) 的一個示例。

Azure Web 應用程序、Azure 邏輯應用程序和 Azure SQL 數據庫都是平台即服務 (PaaS) 的示例。

參考：

<https://azure.microsoft.com/en-gb/overview/what-is-iaas/>

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

Question #59**Topic 1**

You plan to provision Infrastructure as a Service (IaaS) resources in Azure.

Which resource is an example of IaaS?

A. an Azure web app

B. an Azure virtual machine

C. an Azure logic app

D. an Azure SQL database

Hide Solution

Discussion 24

Correct Answer: B

An Azure virtual machine is an example of Infrastructure as a Service (IaaS).

Azure web app, Azure logic app and Azure SQL database are all examples of Platform as a Service (PaaS).

Reference:

<https://azure.microsoft.com/en-gb/overview/what-is-iaas/>

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

問題 #60

主題1

您可以將物理服務器部署到哪些雲模型？

A. 僅限私有云和混合雲

B. 僅限私有云

C. 私有云、混合雲和公有云

D. 僅限混合雲

隱藏解決方案

討論 29

正確答案：A

私有云位於本地，因此您可以部署物理服務器。

混合雲是內部部署和公共雲資源的混合。您可以在本地部署物理服務器。

參考：

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

Question #60

Topic 1

To which cloud models can you deploy physical servers?

A. private cloud and hybrid cloud only

B. private cloud only

C. private cloud, hybrid cloud and public cloud

D. hybrid cloud only

Hide Solution

Discussion 29

Correct Answer: A

A private cloud is on-premises so you can deploy physical servers.

A hybrid cloud is a mix of on-premise and public cloud resources. You can deploy physical servers on-premises.

Reference:

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

問題 #61

話題一

DRAG DROP -

將雲模型與正確的優勢相匹配。

說明：要回答，請將適當的雲模型從左側列拖到右側的優勢。每個雲模型可以使用一次、不止一次或根本不使用。

注意：每個正確的匹配都值得一分

選擇和放置：

Cloud model	Work Area
Hybrid Cloud	No required capital expenditure.
Private Cloud	Provides complete control over security.
Public Cloud	Provides a choice to use on-premises or cloud-based resources.

隱藏解決方案

討論 21

正確答案：

Cloud model	Work Area
Hybrid Cloud	Public Cloud
Private Cloud	Private Cloud
Public Cloud	Hybrid Cloud

方框 1：公共雲 -

使用公共雲，服務器硬件等方面沒有資本支出。您只需為使用時使用的雲資源付費。

方框 2：私有云 -

內部存在私有云，因此您可以完全控制安全性。

方框 3：混合雲 -

混合雲是公共雲資源和本地資源的混合。因此，您可以選擇使用其中任何一個。

Question #61

DRAG DROP -

Match the cloud model to the correct advantage.

Instructions: To answer, drag the appropriate cloud model from the column on the left to its advantage on the right. Each cloud model may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point

Select and Place:

Cloud model	Work Area
Hybrid Cloud	No required capital expenditure.
Private Cloud	Provides complete control over security.
Public Cloud	Provides a choice to use on-premises or cloud-based resources.

Hide Solution

Discussion 21

Correct Answer:

Cloud model	Work Area
Hybrid Cloud	Public Cloud
Private Cloud	Private Cloud
Public Cloud	Hybrid Cloud

Box 1: Public Cloud -

With a public cloud, there is no capital expenditure on server hardware etc. You only pay for cloud resources that you use as you use them.

Box 2: Private Cloud -

A private cloud exists on premises, so you have complete control over security.

Box 3: Hybrid Cloud -

A hybrid cloud is a mix of public cloud resources and on-premises resources. Therefore, you have a choice to use either.

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

隱藏解決方案

討論 60

正確答案：

Answer Area

Statements	Yes	No
------------	-----	----

A company can extend a private cloud by adding its own physical servers to the public cloud.

To build a hybrid cloud, you must deploy resources to the public cloud.

A private cloud must be disconnected from the internet.

方框 1：否 -

您不能將物理服務器添加到公共雲。您只能在公共雲中部署虛擬服務器。您可以通過在公共雲中部署虛擬服務器來擴展私有雲。這將創建一個混合雲。

方框 2：是 -

混合雲是私有雲和公共雲的組合。因此，要創建混合雲，您必須將資源部署到公共雲。

方框 3：

不。私有雲必須與 Internet 斷開連接是不正確的。私有雲可以並且最常見的是連接到 Internet。
私有雲意味著物理服務器由您管理。這並不意味著它與 Internet 斷開連接。

參考：

<https://azure.microsoft.com/en-gb/overview/what-are-private-public-hybrid-clouds/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements	Yes	No
------------	-----	----

A company can extend a private cloud by adding its own physical servers to the public cloud.

To build a hybrid cloud, you must deploy resources to the public cloud.

A private cloud must be disconnected from the internet.

Box 1: No -

You cannot add physical servers to the public cloud. You can only deploy virtual servers in the public cloud. You can extend a private cloud by deploying virtual servers in a public cloud. This would create a hybrid cloud.

Box 2: Yes -

A hybrid cloud is a combination of a private cloud and public cloud. Therefore, to create a hybrid cloud, you must deploy resources to a public cloud.

Box 3: No.

It is not true that a private cloud must be disconnected from the Internet. Private clouds can be and most commonly are connected to the Internet. Private cloud means that the physical servers are managed by you. It does not mean that it is disconnected from the Internet.

Reference:

<https://azure.microsoft.com/en-gb/overview/what-are-private-public-hybrid-clouds/>

問題 #63

話題一

你有 50 台在本地託管的虛擬機和 50 台在 Azure 中託管的虛擬機。本地虛擬機和 Azure 虛擬機相互連接。

這是哪種類型的雲模型？

- A. 混合動力
- B. 私人的
- C. 公開

隱藏解決方案

討論 18

正確答案: A 🏆

參考文獻:

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

社區投票分配

一個 (100%)

Question #63

Topic 1

You have 50 virtual machines hosted on-premises and 50 virtual machines hosted in Azure. The on-premises virtual machines and the Azure virtual machines connect to each other. Which type of cloud model is this?

- A. hybrid
- B. private
- C. public

Hide Solution

Discussion 18

Correct Answer: A 🏆

References:

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

Community vote distribution

A (100%)

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements

Yes No

A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.

A Platform as a Service (PaaS) solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier.

A Platform as a Service (PaaS) solution that hosts web apps in Azure can be configured to automatically scale the number of instances based on demand.

方框 1：否 -

PaaS 解決方案不提供對操作系統的訪問。Azure Web Apps 服務為您提供了託管 Web 應用程序的環境。

在幕後，Web 應用程序託管在運行 IIS 的虛擬機上。但是，您無法直接訪問虛擬機、操作系統或 IIS。

方框 2：是 -

方框 3：是 -

在 Azure 中託管 Web 應用程序的 PaaS 解決方案確實提供了自動擴展平台的能力。這稱為自動縮放。在幕後，Web 應用程序託管在運行 IIS 的虛擬機上。自動縮放意味著添加更多負載平衡的虛擬機來託管 Web 應用程序。

參考：

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements

Yes No

A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.

A Platform as a Service (PaaS) solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier.

A Platform as a Service (PaaS) solution that hosts web apps in Azure can be configured to automatically scale the number of instances based on demand.

Box 1: No -

A PaaS solution does not provide access to the operating system. The Azure Web Apps service provides an environment for you to host your web applications.

Behind the scenes, the web apps are hosted on virtual machines running IIS. However, you have no direct access to the virtual machine, the operating system or IIS.

Box 2: Yes -

Box 3: Yes -

A PaaS solution that hosts web apps in Azure does provide the ability to scale the platform automatically. This is known as autoscaling. Behind the scenes, the web apps are hosted on virtual machines running IIS. Autoscaling means adding more load balanced virtual machines to host the web apps.

References:

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

問題 #65

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

貴公司計劃將其所有數據和資源遷移到 Azure。

該公司的遷移計劃規定，在 Azure 中只能使用平台即服務 (PaaS) 解決方案。

您需要部署符合公司遷移計劃的 Azure 環境。

解決方案：您創建 Azure 虛擬機、Azure SQL 數據庫和 Azure 存儲帳戶。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 32

正確答案: B 📦

平台即服務 (PaaS) 是一個完整的雲端開發和部署環境。PaaS 包括基礎設施“服務器、存儲和網絡”，還包括中間件、開發工具、商業智能 (BI) 服務、數據庫管理系統等。PaaS 旨在支持完整的 Web 應用程序生命週期：構建、測試、部署、管理和更新。

但是，虛擬機是基礎架構即服務 (IaaS) 的示例。IaaS 是一種即時計算基礎架構，通過 Internet 進行配置和管理。

參考資料：

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

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乙 (100%)

Question #65

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

Solution: You create Azure virtual machines, Azure SQL databases, and Azure Storage accounts.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 32

Correct Answer: B 📦

Platform as a service (PaaS) is a complete development and deployment environment in the cloud. PaaS includes infrastructure "servers, storage, and networking" but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

However, virtual machines are examples of Infrastructure as a service (IaaS). IaaS is an instant computing infrastructure, provisioned and managed over the internet.

References:

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

Community vote distribution

乙 (100%)

問題 #66

議題一

貴公司計劃將多個自定義應用程序部署到 Azure。這些應用程序將為公司的客戶提供發票服務。每個應用程序都將安裝幾個必備應用程序和服務。

您需要為所有應用程序推薦一個雲部署解決方案。

你應該推薦什麼？

- A. 軟件即服務 (SaaS)
- B. 平台即服務 (PaaS)
- C. 基礎設施即服務 (IaaS)

隱藏解決方案

討論 73

正確答案: C 🏆

基礎設施即服務 (IaaS) 是一種即時計算基礎設施，通過互聯網進行配置和管理。IaaS 服務提供商管理基礎設施，而您購買、安裝、配置和管理自己的軟件。

錯誤答案：

A：軟件即服務 (SaaS) 允許用戶通過 Internet 連接和使用基於雲的應用程序。常見的例子是電子郵件、日曆和辦公工具。在這種情況下，您需要運行自己的應用程序，因此需要基礎架構。

乙：

平台即服務 (PaaS) 是雲中的完整開發和部署環境。PaaS 包括基礎設施“服務器、存儲和網絡”，還包括中間件、開發工具、商業智能 (BI) 服務、數據庫管理系統等。PaaS 旨在支持完整的 Web 應用程序生命週期：構建、測試、部署、管理和更新。

參考資料：

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>
<https://azure.microsoft.com/en-us/overview/what-is-saas/>
<https://azure.microsoft.com/en-us/overview/what-is-paas/>

社區投票分配

C (60%)

乙 (40%)

Question #66

Your company plans to deploy several custom applications to Azure. The applications will provide invoicing services to the customers of the company. Each application will have several prerequisite applications and services installed.

You need to recommend a cloud deployment solution for all the applications.

What should you recommend?

- A. Software as a Service (SaaS)
- B. Platform as a Service (PaaS)
- C. Infrastructure as a Service (IaaS)

Hide Solution

Discussion 73

Correct Answer: C 🏆

Infrastructure as a service (IaaS) is an instant computing infrastructure, provisioned and managed over the internet. The IaaS service provider manages the infrastructure, while you purchase, install, configure, and manage your own software.

Incorrect Answers:

A: Software as a service (SaaS) allows users to connect to and use cloud-based apps over the Internet. Common examples are email, calendaring, and office tools. In this scenario, you need to run your own apps, and therefore require an infrastructure.

B:

Platform as a service (PaaS) is a complete development and deployment environment in the cloud. PaaS includes infrastructure "servers, storage, and networking" but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

References:

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>
<https://azure.microsoft.com/en-us/overview/what-is-saas/>
<https://azure.microsoft.com/en-us/overview/what-is-paas/>

Community vote distribution

C (60%)

乙 (40%)

熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

[隱藏解決方案](#)

[討論 26](#)

正確答案：

Answer Area

Statements

Yes No

Building a data center infrastructure is an example of operational expenditure (OpEx) costs.

Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.

Leasing software is an example of operational expenditure (OpEx) costs.

框 1：否 -

構建數據中心基礎設施是資本支出，而不是運營支出。

方框 2：是 -

OpEx 是持續成本（運營成本），例如員工工資。

方框 2：是 -

OpEx 是持續成本（運營成本），例如租賃軟件。如果您一次性購買軟件，那將是資本支出，但租賃軟件仍在進行中，因此它是運營支出。

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

[Hide Solution](#)

[Discussion 26](#)

Correct Answer:

Answer Area

Statements

Yes No

Building a data center infrastructure is an example of operational expenditure (OpEx) costs.

Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.

Leasing software is an example of operational expenditure (OpEx) costs.

Box 1: No -

Building a data center infrastructure is capital expenditure, not operation expenditure.

Box 2: Yes -

OpEx is ongoing costs (costs of operations) such as staff salaries.

Box 2: Yes -

OpEx is ongoing costs (costs of operations) such as leasing software. If you purchased software as a one-off purchase, that would be CapEx, but leasing software is ongoing so it's OpEx.

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

Azure Cosmos DB is an example of a offering.

- platform as a service (PaaS)
- infrastructure as a service (IaaS)
- serverless
- software as a service (SaaS)

隱藏解決方案

討論 17

正確答案：

Answer Area

Azure Cosmos DB is an example of a offering.

- platform as a service (PaaS)
- infrastructure as a service (IaaS)
- serverless
- software as a service (SaaS)

Azure Cosmos DB 是平台即服務 (PaaS) 雲數據庫提供商的一個示例。

參考：

<https://docs.microsoft.com/en-us/azure/cosmos-db/database-security>

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

Azure Cosmos DB is an example of a offering.

- platform as a service (PaaS)
- infrastructure as a service (IaaS)
- serverless
- software as a service (SaaS)

Hide Solution

Discussion 17

Correct Answer:

Answer Area

Azure Cosmos DB is an example of a offering.

- platform as a service (PaaS)
- infrastructure as a service (IaaS)
- serverless
- software as a service (SaaS)

Azure Cosmos DB is an example of a platform as a service (PaaS) cloud database provider.

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/database-security>

熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input type="radio"/>	<input type="radio"/>

隱藏解決方案

討論 32

正確答案：

Answer Area

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input checked="" type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>

參考：<https://azure.microsoft.com/en-us/overview/what-is-saas/>

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input type="radio"/>	<input type="radio"/>

Hide Solution

Discussion 32

Correct Answer:

Answer Area

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input checked="" type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-saas/>

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

熱點 -

對於以下每個陳述，如果該陳述為真，請選擇是。否則，選擇否。

注意：每個正確的選擇都得一分。

熱點地區：

Answer Area

Statements	Yes	No
------------	-----	----

You can create a resource group inside of an other resource group.

An Azure virtual machine can be in multiple resource groups.

A resource group can contain resources from multiple Azure regions.

隱藏解決方案

討論 17

正確答案：

Answer Area

Statements	Yes	No
------------	-----	----

You can create a resource group inside of an other resource group.

An Azure virtual machine can be in multiple resource groups.

A resource group can contain resources from multiple Azure regions.

方框 1：否 -

方框 2：否 -

每個資源只能存在於一個資源組中。

方框 3：是 -

來自多個不同地區的資源可以放在一個資源組中。資源組僅包含有關其所包含資源的元數據。

參考：

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
------------	-----	----

You can create a resource group inside of an other resource group.

An Azure virtual machine can be in multiple resource groups.

A resource group can contain resources from multiple Azure regions.

Hide Solution

Discussion 17

Correct Answer:

Answer Area

Statements	Yes	No
------------	-----	----

You can create a resource group inside of an other resource group.

An Azure virtual machine can be in multiple resource groups.

A resource group can contain resources from multiple Azure regions.

Box 1: No -

Box 2: No -

Each resource can exist in only one resource group.

Box 3: Yes -

Resources from multiple different regions can be placed in a resource group. The resource group only contains metadata about the resources it contains.

Reference:

<https://docs.microsoft.com/en-us/azure/resource-group/resource-group-overview>

問題 #71

話題一

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

Answer Area

Statements

Yes No

Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).

Azure SQL Database is an example of platform as a service (PaaS).

Azure Cosmos DB is an example of software as a service (SaaS).

隱藏解決方案

討論 77

正確答案：

Answer Area

Statements

Yes No

Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).

Azure SQL Database is an example of platform as a service (PaaS).

Azure Cosmos DB is an example of software as a service (SaaS).

參考：

<https://docs.microsoft.com/en-us/azure/azure-sql/azure-sql-iaas-vs-paas-what-is-overview>

<https://docs.microsoft.com/en-us/azure/cosmos-db/account-databases-containers-items>

<https://www.red-gate.com/simple-talk/cloud/azure/overview-of-azure-cosmos-db>

Question #71

Topic 1

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes No

Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).

Azure SQL Database is an example of platform as a service (PaaS).

Azure Cosmos DB is an example of software as a service (SaaS).

Hide Solution

Discussion 77

Correct Answer:

Answer Area

Statements

Yes No

Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).

Azure SQL Database is an example of platform as a service (PaaS).

Azure Cosmos DB is an example of software as a service (SaaS).

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/azure-sql-iaas-vs-paas-what-is-overview>

<https://docs.microsoft.com/en-us/azure/cosmos-db/account-databases-containers-items>

<https://www.red-gate.com/simple-talk/cloud/azure/overview-of-azure-cosmos-db>

問題 #72

話題一

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure
is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).**
- software as a service (SaaS).

隱藏解決方案

討論 23

正確答案：

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure
is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).**
- software as a service (SaaS).

參考：

<https://docs.microsoft.com/en-us/azure/azure-sql/azure-sql-iaas-vs-paas-what-is-overview>

Question #72

Topic 1

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure
is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).**
- software as a service (SaaS).

Hide Solution

Discussion 23

Correct Answer:

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure
is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).**
- software as a service (SaaS).

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/azure-sql-iaas-vs-paas-what-is-overview>

問題 #73

話題一

貴公司計劃將其所有數據和資源遷移到 Azure。

該公司的遷移計劃規定，在 Azure 中只能使用平台即服務 (PaaS) 解決方案。

您需要部署符合公司遷移計劃的 Azure 環境。

你應該創造什麼？

- A. Azure 虛擬機、Azure SQL 數據庫和 Azure 存儲帳戶。
- B. 安裝了 Microsoft SQL Server 的 Azure 應用服務和 Azure 虛擬機。
- C. Azure 應用服務和 Azure SQL 數據庫。 投票最多
- D. Azure 虛擬機中的 Azure 存儲帳戶和 Web 服務器。

隱藏解決方案

討論 18

正確答案: C 🎁

Azure 應用服務和 Azure SQL 數據庫是 Azure PaaS 解決方案的示例。因此，該解決方案確實達到了目標。

社區投票分配

C (100%)

Question #73

Topic 1

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company's migration plan.
What should you create?

- A. Azure virtual machines, Azure SQL databases, and Azure Storage accounts.
- B. an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.
- C. an Azure App Service and Azure SQL databases. Most Voted
- D. Azure storage accounts and web server in Azure virtual machines.

Hide Solution

Discussion 18

Correct Answer: C 🎁

Azure App Service and Azure SQL databases are examples of Azure PaaS solutions. Therefore, this solution does meet the goal.

Community vote distribution

C (100%)

問題 #74

話題一

客戶在軟件即服務 (SaaS) 模型中提供什麼？

- A. 申請資料
- B. 數據存儲
- C. 計算資源
- D. 應用軟件

隱藏解決方案

討論 15

正確答案： SaaS 提供了一個完整的軟件解決方案，您可以從雲服務提供商處 按即用即付的方式購買。您為您的組織租用一個應用程序，您的用戶通過 Internet 連接到它，通常使用 Web 瀏覽器。所有底層基礎設施、中間件、應用軟件和應用數據都位於服務提供商的數據中心。服務提供商管理硬件和軟件，並通過適當的服務協議確保應用程序和您的數據的可用性和安全性。

參考：

<https://azure.microsoft.com/en-in/overview/what-is-saas/>

社區投票分配

一個 (100%)

問題 #75

話題一

Question #74

Topic 1

What does a customer provide in a software as a service (SaaS) model?

- A. application data
- B. data storage
- C. compute resources
- D. application software

Hide Solution

Discussion 15

Correct Answer: A 

SaaS provides a complete software solution which you purchase on a pay-as-you-go basis from a cloud service provider. You rent the use of an app for your organization and your users connect to it over the Internet, usually with a web browser. All of the underlying infrastructure, middleware, app software and app data are located in the service provider's data center. The service provider manages the hardware and software and with the appropriate service agreement, will ensure the availability and the security of the app and your data as well.

Reference:

<https://azure.microsoft.com/en-in/overview/what-is-saas/>

Community vote distribution

A (100%)

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area**Statements** Yes No

Azure Files is an example of infrastructure as a service (IaaS).

A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).

Microsoft Intune is an example of software as a service (SaaS).

參考：

<https://azure.microsoft.com/en-gb/overview/what-is-iaas/>

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

<https://azure.microsoft.com/en-gb/overview/what-is-saas/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area**Statements** Yes No

Azure Files is an example of infrastructure as a service (IaaS).

A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).

Microsoft Intune is an example of software as a service (SaaS).

Reference:

<https://azure.microsoft.com/en-gb/overview/what-is-iaas/>

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

<https://azure.microsoft.com/en-gb/overview/what-is-saas/>

問題 #76

話題一

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

Answer Area

Statements	Yes	No
-------------------	------------	-----------

Cloud computing provides elastic scalability.

Customers can minimize capital expenditure
(CapEx) by using a public cloud.

Cloud computing leverages virtualization to provide
services to multiple customers simultaneously.

[隱藏解決方案](#)

[討論 17](#)

正確答案：

Answer Area

Statements	Yes	No
-------------------	------------	-----------

Cloud computing provides elastic scalability.

Customers can minimize capital expenditure
(CapEx) by using a public cloud.

Cloud computing leverages virtualization to provide
services to multiple customers simultaneously.

Question #76

Topic 1

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
-------------------	------------	-----------

Cloud computing provides elastic scalability.

Customers can minimize capital expenditure
(CapEx) by using a public cloud.

Cloud computing leverages virtualization to provide
services to multiple customers simultaneously.

[Hide Solution](#)

[Discussion 17](#)

Correct Answer:

Answer Area

Statements	Yes	No
-------------------	------------	-----------

Cloud computing provides elastic scalability.

Customers can minimize capital expenditure
(CapEx) by using a public cloud.

Cloud computing leverages virtualization to provide
services to multiple customers simultaneously.

Azure 的 Microsoft 云採用框架的第一階段是什麼？

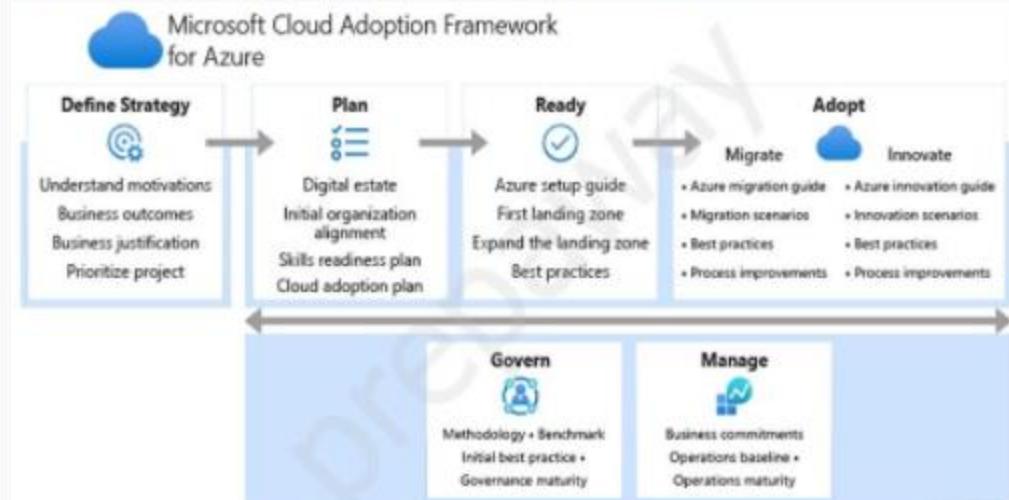
- A. 採用雲。
- B. 制定計劃。
- C. 準備好您的組織。
- D. 定義你的策略。

隱藏解決方案

討論 9

正確答案 : D 🏆

參考：<https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/overview>



社區投票分配

D (100%)

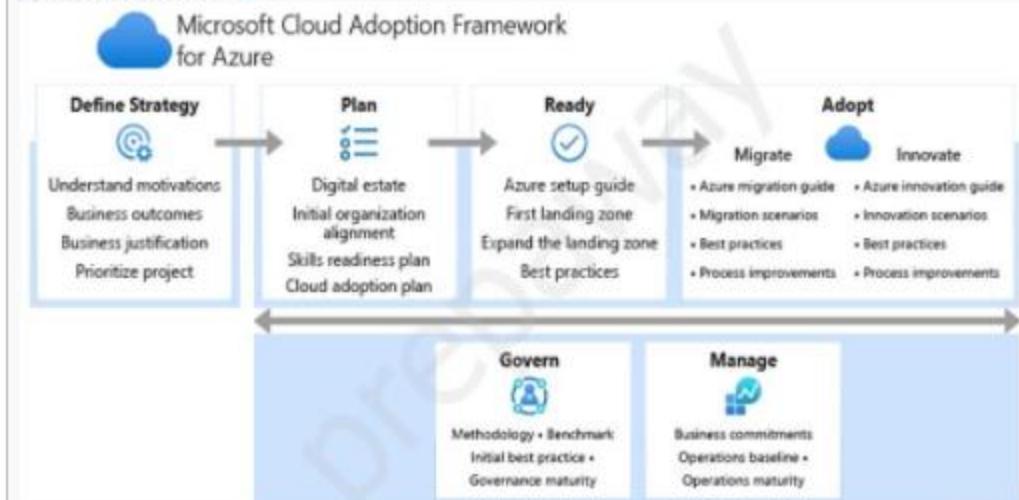
What is the first stage in the Microsoft Cloud Adoption Framework for Azure?

- A. Adopt the cloud.
- B. Make a plan.
- C. Ready your organization.
- D. Define your strategy.

Hide Solution

Discussion 9

Correct Answer: D 🏆



Reference:

<https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/overview>

Community vote distribution

D (100%)

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area**Statements****Yes****No**

A company can extend an internal network by adding its own physical servers to the public cloud.

A private cloud must be disconnected from the internet.

Part of a hybrid cloud is the public cloud.

方框 1：否 -

您不能將物理服務器添加到公共雲。您只能在公共雲中部署虛擬服務器。您可以通過在公共雲中部署虛擬服務器來擴展私有云。這將創建一個混合雲。

方框 2：否 -

網絡空間中存在私有云，可通過互聯網訪問。

方框 3：是的。

參考：

<https://azure.microsoft.com/en-gb/overview/what-are-private-public-hybrid-clouds/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area**Statements****Yes****No**

A company can extend an internal network by adding its own physical servers to the public cloud.

A private cloud must be disconnected from the internet.

Part of a hybrid cloud is the public cloud.

Box 1: No -

You cannot add physical servers to the public cloud. You can only deploy virtual servers in the public cloud. You can extend a private cloud by deploying virtual servers in a public cloud. This would create a hybrid cloud.

Box 2: No -

A private cloud exists in cyberspace and is accessed via the internet.

Box 3: Yes.

Reference:

<https://azure.microsoft.com/en-gb/overview/what-are-private-public-hybrid-clouds/>

問題 #79

話題一

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

When you need to delegate permissions to several Azure virtual machines simultaneously,
you must deploy the Azure virtual machines

- to the same Azure region.
- by using the same Azure Resource Manager template.
- to the same resource group.
- to the same availability zone.

隱藏解決方案**討論 13****正確答案：****Answer Area**

When you need to delegate permissions to several Azure virtual machines simultaneously,
you must deploy the Azure virtual machines

- to the same Azure region.
- by using the same Azure Resource Manager template.
- to the same resource group.
- to the same availability zone.

資源組是 Azure 資源的邏輯容器。資源組使 Azure 資源的管理更加輕鬆。

使用資源組，您可以允許用戶管理資源組中的所有資源，例如虛擬機、網站和子網。您應用於資源組的權限適用於資源組中包含的所有資源。

參考：

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview#resource-groups> <https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

Question #79

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

When you need to delegate permissions to several Azure virtual machines simultaneously,
you must deploy the Azure virtual machines

- to the same Azure region.
- by using the same Azure Resource Manager template.
- to the same resource group.
- to the same availability zone.

Hide Solution**Discussion 13****Correct Answer:****Answer Area**

When you need to delegate permissions to several Azure virtual machines simultaneously,
you must deploy the Azure virtual machines

- to the same Azure region.
- by using the same Azure Resource Manager template.
- to the same resource group.
- to the same availability zone.

A resource group is a logical container for Azure resources. Resource groups make the management of Azure resources easier.

With a resource group, you can allow a user to manage all resources in the resource group, such as virtual machines, websites, and subnets. The permissions you apply to the resource group apply to all resources contained in the resource group.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview#resource-groups> <https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

問題 #80

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕上。

你計劃部署多個 Azure 虛擬機。

如果單個數據中心出現故障，您需要確保在虛擬機上運行的服務可用。

解決方案：您將虛擬機部署到兩個或更多可用區。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 35

正確答案：A 📦 可用

區擴展了您必須保持 VM 上的應用程序和數據可用性的控制級別。可用區是 Azure 區域內物理上獨立的區域。每個受支持的 Azure 區域有三個可用區。

每個可用區都有不同的電源、網絡和冷卻裝置。通過構建解決方案以在區域中使用複制的 VM，您可以保護您的應用程序和數據免受數據中心丟失的影響。如果一個區域受到威脅，則複制的應用程序和數據會立即在另一個區域中可用。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

社區投票分配

一個 (100%)

Question #80

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more availability zones.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 35

Correct Answer: A 📦

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. An Availability Zone is a physically separate zone, within an Azure region.

There are three Availability Zones per supported Azure region.

Each Availability Zone has a distinct power source, network, and cooling. By architecting your solutions to use replicated VMs in zones, you can protect your apps and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

Community vote distribution

A (100%)

問題 #81

話題一

這個問題需要你評估下劃線的文字，以確定它是否正確。

Azure SQL 數據倉庫的優勢之一是平台內置了高可用性。

說明：查看帶下劃線的文本。如果它使陳述正確，請選擇“無需更改”。如果陳述不正確，請選擇使陳述正確的答案選項。

A. 不需要改變 投票最多

B. 自動縮放

C. 數據壓縮

D. 版本控制

隱藏解決方案

討論 73

正確答案： Azure

數據倉庫（現在稱為 Azure Synapse Analytics）是 Microsoft 的 PaaS 產品。與 Microsoft 的所有 PaaS 服務一樣，SQL 數據

倉庫提供 99.9% 的可用性 SLA。Microsoft 可以提供 99.9% 的可用性，因為它在平台中內置了高可用性功能。

參考資料：

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-faq>

社區投票分配

一個 (100%)

Question #81

Topic 1

This question requires that you evaluate the underlined text to determine if it is correct.

One of the benefits of Azure SQL Data Warehouse is that high availability is built into the platform.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed Most Voted

B. automatic scaling

C. data compression

D. versioning

Hide Solution

Discussion 73

Correct Answer: A 

Azure Data Warehouse (now known as Azure Synapse Analytics) is a PaaS offering from Microsoft.

As with all PaaS services from Microsoft, SQL Data

Warehouse offers an availability SLA of 99.9%. Microsoft can offer 99.9% availability because it has high availability features built into the platform.

References:

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-faq>

Community vote distribution

A (100%)

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕上。

你計劃部署多個 Azure 虛擬機。

如果單個數據中心出現故障，您需要確保在虛擬機上運行的服務可用。

解決方案：您將虛擬機部署到兩個或更多區域。

這是否達到目標？

A. 是的 投票最多

B. 沒有

隱藏解決方案

討論 238

正確答案：A 🍀

通過將虛擬機部署到兩個或更多區域，您將虛擬機部署到多個數據中心。這將確保在單個數據中心出現故障時運行在虛擬機上的服務可用。

Azure 在全球多個數據中心運行。這些數據中心按地理區域分組，讓您可以靈活地選擇構建應用程序的位置。

在定義的地理區域（如“美國西部”、“北歐”或“東南亞”）中創建 Azure 資源。您可以查看區域列表及其位置。

在每個區域內，存在多個數據中心以提供冗餘和可用性。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions>

社區投票分配

一個 (69%)

乙 (31%)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more regions.

Does this meet the goal?

A. Yes Most Voted

B. No

Hide Solution

Discussion 238

Correct Answer: A 🍀

By deploying the virtual machines to two or more regions, you are deploying the virtual machines to multiple datacenters. This will ensure that the services running on the virtual machines are available if a single data center fails.

Azure operates in multiple datacenters around the world. These datacenters are grouped into geographic regions, giving you flexibility in choosing where to build your applications.

You create Azure resources in defined geographic regions like 'West US', 'North Europe', or 'Southeast Asia'. You can review the list of regions and their locations.

Within each region, multiple datacenters exist to provide for redundancy and availability.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions>

Community vote distribution

A (69%)

B (31%)

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If you delete a resource group, all the resources in the resource group will be deleted.	<input checked="" type="radio"/>	<input type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

方框 1：否 -

資源可以與其他資源組中的資源交互。

框 2：是 -

刪除資源組將刪除資源組以及該資源組中的所有資源。這對於資源管理很有用。例如，一個虛擬機有幾個組件（VM 本身、虛擬磁盤、網絡適配器等）。通過將 VM 放置在其自己的資源組中，您可以通過刪除資源組來刪除 VM 及其所有關聯組件。

另一個例子是創建測試環境時。您可以將整個測試環境（網絡組件、虛擬機等）放在一個資源組中。然後，您可以通過刪除資源組來刪除整個測試環境。

方框 3：是 -

來自多個不同區域的資源可以放在一個資源組中。資源組僅包含有關其包含的資源的元數據。

參考資料：

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

<https://www.codeisahighway.com/effective-ways-to-delete-resources-in-a-resource-group-on-azure/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If you delete a resource group, all the resources in the resource group will be deleted.	<input checked="" type="radio"/>	<input type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No -

A resource can interact with resources in other resource groups.

Box 2: Yes -

Deleting the resource group will remove the resource group as well as all the resources in that resource group. This can be useful for the management of resources. For example, a virtual machine has several components (the VM itself, virtual disks, network adapter etc.). By placing the VM in its own resource group, you can delete the VM along with all its associated components by deleting the resource group.

Another example is when creating a test environment. You could place the entire test environment (Network components, virtual machines etc.) in one resource group. You can then delete the entire test environment by deleting the resource group.

Box 3: Yes -

Resources from multiple different regions can be placed in a resource group. The resource group only contains metadata about the resources it contains.

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

<https://www.codeisahighway.com/effective-ways-to-delete-resources-in-a-resource-group-on-azure/>

您計劃在 Azure 中存儲 20 TB 的數據。使用 Microsoft Power BI 將不經常訪問和可視化數據。
您需要為數據推薦一種存儲解決方案。

您應該推薦哪兩種解決方案？每個正確答案都提供了一個完整的解決方案。

注意：每個正確的選擇都值得一分。

- A. Azure 數據湖
- B. Azure Cosmos DB
- C. Azure SQL 數據倉庫
- D. Azure SQL 數據庫
- E. Azure Database for PostgreSQL

隱藏解決方案

討論 31

正確答案：AC 🎁

您可以使用 Power BI 來分析和可視化存儲在 Azure Data Lake 和 Azure SQL 數據倉庫中的數據。

Azure Data Lake 包含使開發人員、數據科學家和分析師能夠以任何速度輕鬆存儲任何大小和形狀的數據以及跨平台和語言進行所有類型的處理和分析所需的所有功能。它消除了攝取和存儲所有數據的複雜性，同時通過批處理、流式處理和交互式分析更快地啟動和運行。它還與運營商店和數據倉庫無縫集成，以便您可以擴展當前的數據應用程序。

參考：

<https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-power-bi>

<https://azure.microsoft.com/en-gb/solutions/data-lake/> / <https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-power-bi>

社區投票分配

交流電 (100%)

You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI.

You need to recommend a storage solution for the data.

Which two solutions should you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure Data Lake
- B. Azure Cosmos DB
- C. Azure SQL Data Warehouse
- D. Azure SQL Database
- E. Azure Database for PostgreSQL

Hide Solution

Discussion 31

Correct Answer: AC 🎁

You can use Power BI to analyze and visualize data stored in Azure Data Lake and Azure SQL Data Warehouse.

Azure Data Lake includes all of the capabilities required to make it easy for developers, data scientists and analysts to store data of any size and shape and at any speed, and do all types of processing and analytics across platforms and languages. It removes the complexities of ingesting and storing all your data while making it faster to get up and running with batch, streaming and interactive analytics. It also integrates seamlessly with operational stores and data warehouses so that you can extend current data applications.

References:

<https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-power-bi>

<https://azure.microsoft.com/en-gb/solutions/data-lake/> / <https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-power-bi>

Community vote distribution

AC (100%)

HOTSPOT -

您有一個包含 10 個 Web 應用程序的 Azure 環境。您應該連接到哪個 URL 來管理所有 Azure 資源？要回答，請在回答區域中選擇適當的選項。

注意：每個正確的選擇都值得一分。

熱點地區：

Answer Area

https:// com

admin.	
portal.	
www.	
azure.	
azurewebsites.	
microsoft.	

[隱藏解決方案](#)

[討論 25](#)

正確答案：

Answer Area

https:// com

admin.	
portal.	
www.	
azure.	
azurewebsites.	
microsoft.	

Azure 門戶是一個基於 Web 的管理界面，您可以在其中在一個統一的中心查看和管理所有 Azure 資源，包括 Web 應用程序、數據庫、虛擬機、虛擬網絡、存儲和 Visual Studio 團隊項目。

Azure 門戶的 URL 是 <https://portal.azure.com>。

參考資料：

<https://azure.microsoft.com/en-gb/features/azure-portal/>

HOTSPOT -

You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

https:// com

admin.	
portal.	
www.	
azure.	
azurewebsites.	
microsoft.	

[Hide Solution](#)

[Discussion 25](#)

Correct Answer:

Answer Area

https:// com

admin.	
portal.	
www.	
azure.	
azurewebsites.	
microsoft.	

The Azure portal is a web-based management interface where you can view and manage all your Azure resources in one unified hub, including web apps, databases, virtual machines, virtual networks, storage and Visual Studio team projects.

The URL of the Azure portal is <https://portal.azure.com>.

References:

<https://azure.microsoft.com/en-gb/features/azure-portal/>

問題 #86

話題一

您需要確定可使用 Azure 可用區保護對 Azure 服務的訪問的故障類型。
你應該識別什麼？

- A. 物理服務器故障
- B. Azure 區域故障
- C. 存儲故障
- D. Azure 數據中心故障

隱藏解決方案

討論 33

正確答案: D 🏅 可用

區擴展了您為維護 VM 上的應用程序和數據的可用性而必須的控制級別。可用區是 Azure 區域內物理上獨立的區域。每個受支持的 Azure 區域有三個可用區。
每個可用區都有不同的電源、網絡和冷卻裝置。通過構建解決方案以在區域中使用複制的 VM，您可以保護您的應用程序和數據免受數據中心丟失的影響。如果一個區域受到威脅，則複制的應用程序和數據會立即在另一個區域中可用。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machines/availability>

問題 #87

話題一

Question #86

Topic 1

You need to identify the type of failure for which an Azure Availability Zone can be used to protect access to Azure services.
What should you identify?

- A. a physical server failure
- B. an Azure region failure
- C. a storage failure
- D. an Azure data center failure

Hide Solution

Discussion 33

Correct Answer: D 🏅

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. An Availability Zone is a physically separate zone, within an Azure region. There are three Availability Zones per supported Azure region.

Each Availability Zone has a distinct power source, network, and cooling. By architecting your solutions to use replicated VMs in zones, you can protect your apps and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/availability>

HOTSPOT -

您計劃將公司的網絡擴展到 Azure。

該網絡包含一個使用 IP 地址 131.107.200.1 的 VPN 設備。

您需要創建一個在 Azure 中定義 VPN 設備的 Azure 資源。

您應該創建哪個 Azure 資源？要回答，請在回答區域中選擇適當的資源。

[點此占位符](#)

正確答案：

Answer Area

Services

-  NAT gateways ★
-  Application gateways ★
-  Local network gateways ★
-  Virtual network gateways ★
-  On-premises Data Gateways ★
-  Azure Data Box Gateway ★
-  Azure Stack Edge / Data Box Gateway ★
-  Web Application Firewall policies ★

本地網絡網關是 Azure 中代表本地 VPN 設備的對象。虛擬網絡網關是 VPN 的 Azure 端的 VPN 對象。

連接本地網關和虛擬網關以啟動 VPN。

本地網絡網關通常是指您的本地位置。為站點指定一個名稱，Azure 可以通過該名稱引用它，然後指定要創建連接的本地 VPN 設備的 IP 地址。您還可以指定將通過 VPN 網關路由到 VPN 設備的 IP 地址前綴。您指定的地址前綴是位於本地網絡上的前綴。如果您的本地網絡發生更改或您需要更改 VPN 設備的公共 IP 地址，您可以稍後輕鬆更新這些值。

參考：

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal>

HOTSPOT -

You plan to extend your company's network to Azure.

The network contains a VPN appliance that uses an IP address of 131.107.200.1.

You need to create an Azure resource that defines the VPN appliance in Azure.

Which Azure resource should you create? To answer, select the appropriate resource in the answer area.

Correct Answer:

Answer Area

Services

-  NAT gateways ★
-  Application gateways ★
-  Local network gateways ★
-  Virtual network gateways ★
-  On-premises Data Gateways ★
-  Azure Data Box Gateway ★
-  Azure Stack Edge / Data Box Gateway ★
-  Web Application Firewall policies ★

A Local Network Gateway is an object in Azure that represents your on-premise VPN device. A Virtual Network Gateway is the VPN object at the Azure end of the

VPN. A "connection" is what connects the Local Network Gateway and the Virtual Network Gateway to bring up the VPN.

The local network gateway typically refers to your on-premises location. You give the site a name by which Azure can refer to it, then specify the IP address of the on-premises VPN device to which you will create a connection. You also specify the IP address prefixes that will be routed through the VPN gateway to the VPN device. The address prefixes you specify are the prefixes located on your on-premises network. If your on-premises network changes or you need to change the public IP address for the VPN device, you can easily update the values later.

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal>

問題 #88

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

你計劃部署多個 Azure 虛擬機。

如果單個數據中心出現故障，您需要確保在虛擬機上運行的服務可用。

解決方案：您將虛擬機部署到兩個或更多資源組。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 22

正確答案: B 📦

資源組是 Azure 資源的邏輯容器。創建資源組時，您指定要在哪個位置創建資源組。但是，當您創建虛擬機並將其放置在資源組中時，虛擬機仍然可以位於不同的位置（不同的數據中心）。因此，創建多個資源組，即使它們位於不同的數據中心，也不能確保在單個數據中心出現故障時運行在虛擬機上的服務可用。

參考資料：

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview#resource-groups>

問題 #89

話題一

Question #88

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more resource groups.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 22

Correct Answer: B 📦

A resource group is a logical container for Azure resources. When you create a resource group, you specify which location to create the resource group in.

However, when you create a virtual machine and place it in the resource group, the virtual machine can still be in a different location (different datacenter).

Therefore, creating multiple resource groups, even if they are in separate datacenters does not ensure that the services running on the virtual machines are available if a single data center fails.

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview#resource-groups>

問題 #89

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

你計劃部署多個 Azure 虛擬機。

如果單個數據中心出現故障，您需要確保在虛擬機上運行的服務可用。

解決方案：將虛擬機部署到規模集。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 11

正確答案：B 📦

此答案未指定將跨多個數據中心配置規模集，因此此解決方案不符合目標。

Azure 虛擬機規模集允許你創建和管理一組負載平衡的 VM。VM 實例的數量可以根據需求或定義的計劃自動增加或減少。規模集為您的應用程序提供高可用性，並允許您集中管理、配置和更新許多 VM。

規模集中的虛擬機可以部署在多個更新域和故障域中，以最大限度地提高可用性和對由於數據中心中斷以及計劃內或計劃外維護事件造成的中斷的恢復能力。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

問題 #90

話題一

Question #89

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to a scale set.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 11

Correct Answer: B 📦

This answer does not specify that the scale set will be configured across multiple data centers so this solution does not meet the goal.

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update many VMs.

Virtual machines in a scale set can be deployed across multiple update domains and fault domains to maximize availability and resilience to outages due to data center outages, and planned or unplanned maintenance events.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Statements	Yes	No
An Azure subscription can be associated to multiple Azure Active Directory (Azure AD) tenants.	<input type="radio"/>	<input checked="" type="radio"/>
You can change the Azure Active Directory (Azure AD) tenant to which an Azure subscription is associated.	<input checked="" type="radio"/>	<input type="radio"/>
When an Azure subscription expires, the associated Azure Active Directory (Azure AD) tenant is deleted automatically.	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：否 -

Azure AD 稟戶可以有多個訂閱，但 Azure 訂閱只能與一個 Azure AD 稟戶相關聯。

方框 2：是 -

方框 3：否 -

如果您的訂閱到期，您將無法訪問與訂閱相關的所有其他資源。但是，Azure AD 目錄仍保留在 Azure 中。您可以使用不同的 Azure 訂閱關聯和管理目錄。

參考資料：

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-how-subscriptions-associated-directory>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
An Azure subscription can be associated to multiple Azure Active Directory (Azure AD) tenants.	<input type="radio"/>	<input checked="" type="radio"/>
You can change the Azure Active Directory (Azure AD) tenant to which an Azure subscription is associated.	<input checked="" type="radio"/>	<input type="radio"/>
When an Azure subscription expires, the associated Azure Active Directory (Azure AD) tenant is deleted automatically.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

An Azure AD tenant can have multiple subscriptions but an Azure subscription can only be associated with one Azure AD tenant.

Box 2: Yes -

Box 3: No -

If your subscription expires, you lose access to all the other resources associated with the subscription. However, the Azure AD directory remains in Azure. You can associate and manage the directory using a different Azure subscription.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-how-subscriptions-associated-directory>

這個問題需要你評估下劃線的文字，以確定它是否正確。

資源組使組織能夠跨多個訂閱管理 Azure 資源的合規性。

說明：查看帶下劃線的文本。如果它使陳述正確，請選擇「無需更改」。如果陳述不正確，請選擇使陳述正確的答案選項。

A. 不需要改變

B. 管理組

C. Azure 政策

D. Azure 應用服務計劃

隱藏解決方案

討論 224

正確答案: C 🏴

Azure 策略可用於定義部署期間資源或位置等屬性。

Azure Policy 是 Azure 中用於創建、分配的規則和影響，因此這些資源始終會評估您的資源是否符合分配的策略來達到目的。

例如，您可以製定一個策略，在您之後，將對新資源和現有資源的合規性規範。

參考資料：

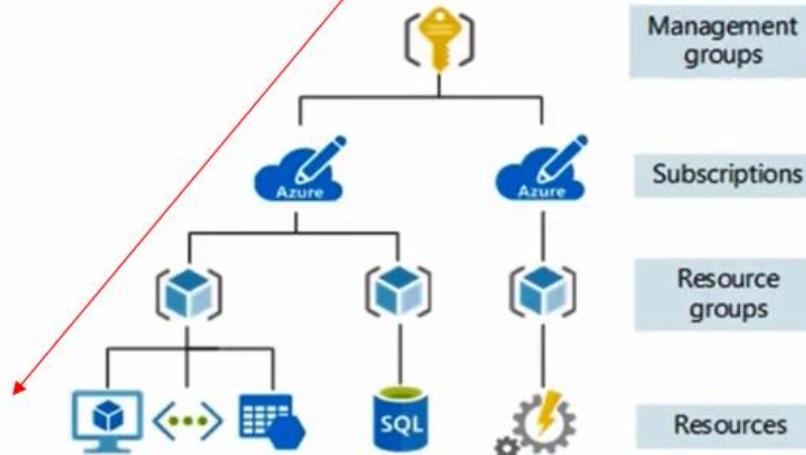
<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

社區投票分配

C (57%)

B (43%)

1. RBAC(Role Base Access Control) 授權、角色 (會繼承)
2. Policy 政策 (限制) (會繼承)
3. Tag (分開計費用)(不繼承)



This question requires that you evaluate the underlined text to determine if it is correct.

Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.

Instructions: Review the underlined text. If it makes the statement correct, select 'No change is needed'. If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed

B. Management groups

C. Azure policies

D. Azure App Service plans

Solution

Discussion 224

Correct Answer: C 🏴

Azure policies can be used to define requirements for resource properties during deployment and already existing resources. Azure Policy controls properties such as the types or locations of resources.

Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements. Azure Policy meets this need by evaluating your resources for non-compliance with assigned policies. All data stored by Azure Policy is encrypted at rest.

For example, you can have a policy to allow only a certain SKU size of virtual machines in your environment. Once this policy is implemented, new and existing resources are evaluated for compliance. With the right type of policy, existing resources can be brought into compliance.

References:

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

Community vote distribution

C (57%)

B (43%)

問題 #92

話題一

貴公司計劃遷移到 Azure。

公司下設多個部門。每個部門使用的所有 Azure 資源都將由部門管理員管理。

為部門劃分 Azure 的兩種可能技術是什麼？每個正確答案都提供了一個完整的解決方案。

注意：每個正確的選擇都值得一分。

- A. 多個訂閱
- B. 多個 Azure Active Directory (Azure AD) 目錄
- C. 多個區域
- D. 多個資源組

隱藏解決方案

討論 35

正確答案: AD 🎁

Azure 訂閱是 Azure 資源的容器。它也是資源權限和計費的邊界。您按月為訂閱中的所有資源付費。單個 Azure 租戶 (Azure Active Directory) 可以包含多個 Azure 訂閱。

資源組是一個容器，其中包含 Azure 解決方案的相關資源。資源組可以包括解決方案的所有資源，或者僅包括您希望作為一個組進行管理的那些資源。

若要使每個部門管理員能夠管理該部門使用的 Azure 資源，您需要為每個部門創建單獨的訂閱。然後，您可以將每個部門管理員分配為訂閱的管理員，以便他們能夠管理該訂閱中的所有資源。

參考：

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/add-change-subscription-administrator>

問題 #93

話題一

HOTSPOT -

更多內容

Question #92

Topic 1

Your company plans to migrate to Azure.

The company has several departments. All the Azure resources used by each department will be managed by a department administrator.

What are two possible techniques to segment Azure for the departments? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. multiple subscriptions
- B. multiple Azure Active Directory (Azure AD) directories
- C. multiple regions
- D. multiple resource groups

Hide Solution

Discussion 35

Correct Answer: AD 🎁

An Azure subscription is a container for Azure resources. It is also a boundary for permissions to resources and for billing. You are charged monthly for all resources in a subscription. A single Azure tenant (Azure Active Directory) can contain multiple Azure subscriptions.

A resource group is a container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group.

To enable each department administrator to manage the Azure resources used by that department, you will need to create a separate subscription per department. You can then assign each department administrator as an administrator for the subscription to enable them to manage all resources in that subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/add-change-subscription-administrator>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Statements	Yes	No
------------	-----	----

A single Microsoft account can be used to manage multiple Azure subscriptions.

Two Azure subscriptions can be merged into a single subscription.

A company can use resources from multiple subscriptions.

方框 1：是的 -

您可以使用同一個帳戶管理多個訂閱。您可以在 Azure 門戶中為您的帳戶創建附加訂閱。您可能需要額外訂閱以避免達到訂閱限制、創建單獨的安全環境或出於合規性原因隔離數據。

方框 2：否 -

您不能將兩個訂閱合併為一個訂閱。但是，您可以將一些 Azure 資源從一個訂閱移動到另一個訂閱。您還可以轉讓訂閱的所有權並更改訂閱的計費類型。

方框 3：是的 --

一個公司可以有多個訂閱並在不同的訂閱中存儲資源。但是，一個資源實例只能存在於一個訂閱中。

參考：

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point

Correct Answer:

Answer Area

Statements	Yes	No
------------	-----	----

A single Microsoft account can be used to manage multiple Azure subscriptions.

Two Azure subscriptions can be merged into a single subscription.

A company can use resources from multiple subscriptions.

Box 1: Yes -

You can use the same account to manage multiple subscriptions. You can create an additional subscription for your account in the Azure portal. You may want an additional subscription to avoid hitting subscription limits, to create separate environments for security, or to isolate data for compliance reasons.

Box 2: No -

You cannot merge two subscriptions into a single subscription. However, you can move some Azure resources from one subscription to another. You can also transfer ownership of a subscription and change the billing type for a subscription.

Box 3: Yes -

A company can have multiple subscriptions and store resources in the different subscriptions. However, a resource instance can exist in only one subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

You have several virtual machines in an Azure subscription.

You create a new subscription.

The virtual machines cannot be moved to the new subscription.

The virtual machines can be moved to the new subscription.

The virtual machines can be moved to the new subscription only if they are all in the same resource group.

The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

[隱藏解決方案](#)

[討論 23](#)

正確答案：

Answer Area

You have several virtual machines in an Azure subscription.

You create a new subscription.

The virtual machines cannot be moved to the new subscription.

The virtual machines can be moved to the new subscription.

The virtual machines can be moved to the new subscription only if they are all in the same resource group.

The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

您可以使用 Azure 門戶將 VM 及其關聯資源移動到不同的訂閱。

如果您最初在個人訂閱中創建了一個 VM，而現在想要將其移動到您公司的訂閱以繼續您的工作，則在訂閱之間移動會很方便。您無需啟動 VM 即可移動它，它應該在移動過程中繼續運行。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/move-vm>

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

You have several virtual machines in an Azure subscription.

You create a new subscription.

The virtual machines cannot be moved to the new subscription.

The virtual machines can be moved to the new subscription.

The virtual machines can be moved to the new subscription only if they are all in the same resource group.

The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

[Hide Solution](#)

[Discussion 23](#)

Correct Answer:

Answer Area

You have several virtual machines in an Azure subscription.

You create a new subscription.

The virtual machines cannot be moved to the new subscription.

The virtual machines can be moved to the new subscription.

The virtual machines can be moved to the new subscription only if they are all in the same resource group.

The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

You can move a VM and its associated resources to a different subscription by using the Azure portal.

Moving between subscriptions can be handy if you originally created a VM in a personal subscription and now want to move it to your company's subscription to continue your work. You do not need to start the VM in order to move it and it should continue to run during the move.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/move-vm>

你有一個包含多個 Azure 虛擬機的 Azure 環境。

你計劃實施一種解決方案，使本地網絡上的客戶端計算機能夠與 Azure 虛擬機進行通信。

您需要建議必須為計劃的解決方案創建哪些 Azure 資源。

建議中應包括哪兩個 Azure 資源？每個正確答案都代表了解決方案的一部分。

注意：每個正確的選擇都值得一分。

A. 虛擬網關 投票最多

B. 負載均衡器

C. 應用網關

D. 虛擬網絡

E. 網關子網 投票最多

隱藏解決方案

討論 162

正確答案：**AE** 

要實現使本地網絡上的客戶端計算機能夠與 Azure 虛擬機通信的解決方案，您需要配置 VPN（虛擬專用網絡）以將本地網絡連接到 Azure 虛擬機網絡。

Azure VPN 設備稱為虛擬網絡網關。虛擬網絡網關需要位於 Azure 虛擬網絡中的專用子網中。此專用子網稱為網關子網，並且必須命名為 `GatewaySubnet`。

注意：還需要一個虛擬網絡（答案 D）。但是，由於我們已經在 Azure 中部署了虛擬機，我們可以假設虛擬網絡已經到位。

參考：

<https://docs.microsoft.com/en-us/office365/enterprise/connect-an-on-premises-network-to-a-microsoft-azure-virtual-network>

社區投票分配

自動曝光 (100%)

You have an Azure environment that contains multiple Azure virtual machines.

You plan to implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines.

You need to recommend which Azure resources must be created for the planned solution.

Which two Azure resources should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. a virtual network gateway Most Voted

B. a load balancer

C. an application gateway

D. a virtual network

E. a gateway subnet Most Voted

Hide Solution

Discussion 162

Correct Answer: AE 

To implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines, you need to configure a VPN (Virtual Private Network) to connect the on-premises network to the Azure virtual network. The Azure VPN device is known as a Virtual Network Gateway. The virtual network gateway needs to be located in a dedicated subnet in the Azure virtual network. This dedicated subnet is known as a gateway subnet and must be named `GatewaySubnet`.

Note: a virtual network (answer D) is also required. However, as we already have virtual machines deployed in a Azure, we can assume that the virtual network is already in place.

References:

<https://docs.microsoft.com/en-us/office365/enterprise/connect-an-on-premises-network-to-a-microsoft-azure-virtual-network>

Community vote distribution

AE (100%)

問題 #96

話題一

您嘗試在 Azure 環境中創建多個託管 Microsoft SQL Server 實例，並收到一條消息，您必須提高 Azure 訂閱限制。

你應該怎麼做才能增加限制？

- A. 創建服務健康警報
- B. 升級您的支持計劃
- C. 修改 Azure 策略
- D. 創建新的支持請求

隱藏解決方案

討論 42

正確答案 : D 🏆

許多 Azure 資源都有報價限制。配額限制的目的是幫助你控制 Azure 成本。但是，通常需要增加默認配額。

你可以通過打開支持請求來請求增加配額限制。在支持請求中，為問題類型選擇“服務和訂閱限制（配額）”，選擇您的訂閱和要增加配額的服務。對於此問題，您將選擇“SQL 數據庫託管實例”作為報價類型。

參考：

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-resource-limits#obtaining-a-larger-quota-for-sql-managed-instance>

社區投票分配

D (100%)

Question #96

Topic 1

You attempt to create several managed Microsoft SQL Server instances in an Azure environment and receive a message that you must increase your Azure subscription limits.

What should you do to increase the limits?

- A. Create a service health alert
- B. Upgrade your support plan
- C. Modify an Azure policy
- D. Create a new support request

Hide Solution

Discussion 42

Correct Answer: D 🏆

Many Azure resource have quota limits. The purpose of the quota limits is to help you control your Azure costs. However, it is common to require an increase to the default quota.

You can request a quota limit increase by opening a support request. In the support request, select “Service and subscription limits (quotas)” for the Issue type, select your subscription and the service you want to increase the quota for. For this question, you would select “SQL Database Managed Instance” as the quote type.

Reference:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-resource-limits#obtaining-a-larger-quota-for-sql-managed-instance>

Community vote distribution

D (100%)

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements	Yes	No
Each Azure subscription can contain multiple account administrators.	<input type="radio"/>	<input checked="" type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：否 -

您可以在 Azure 門戶中分配服務管理員和共同管理員，但只能有一個帳戶管理員。

方框 2：否 -

您需要 Azure Active Directory 帳戶來管理訂閱，而不是 Microsoft 帳戶。

創建訂閱時，會在 Azure Active Directory 中創建一個帳戶。可以在 Azure Active Directory 中創建更多帳戶來管理訂閱。

方框 3：否 -

資源組是 Azure 資源的邏輯容器。但是，資源組不包含訂閱。訂閱包含資源組。

參考：

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements	Yes	No
Each Azure subscription can contain multiple account administrators.	<input type="radio"/>	<input checked="" type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

You can assign service administrators and co-administrators in the Azure Portal but there can only be one account administrator.

Box 2: No -

You need an Azure Active Directory account to manage a subscription, not a Microsoft account. An account is created in the Azure Active Directory when you create the subscription. Further accounts can be created in the Azure Active Directory to manage the subscription.

Box 3: No -

Resource groups are logical containers for Azure resources. However, resource groups do not contain subscriptions. Subscriptions contain resource groups.

Reference:

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area**Statements**

Yes **No**

Availability zones can be implemented in all Azure regions.

Only virtual machines that run Windows Server can be created in availability zones.

Availability zones are used to replicate data and applications to multiple regions.

方框 1：否。

並非所有 Azure 區域都支持可用區。

方框 2：否。

可用區可用於許多 Azure 服務，而不僅僅是 VM。

方框 3：否。

可用區是單個 Azure 區域內的唯一物理位置。

參考：

<https://docs.microsoft.com/en-us/azure/availability-zones/az-region#azure-regions-with-availability-zones>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area**Statements**

Yes **No**

Availability zones can be implemented in all Azure regions.

Only virtual machines that run Windows Server can be created in availability zones.

Availability zones are used to replicate data and applications to multiple regions.

Box 1: No -

Not all Azure regions support availability zones.

Box 2: No -

Availability zones can be used with many Azure services, not just VMs.

Box 3: No -

Availability Zones are unique physical locations within a single Azure region.

Reference:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-region#azure-regions-with-availability-zones>

HOTSPOT -

您計劃創建一個 Azure 虛擬機。

你需要確定必須使用哪個存儲服務來存儲虛擬機的非託管數據磁盤。

你應該識別什麼？要回答，請在回答區域中選擇適當的服務。

熱點地區：

正確答案：

Answer Area

 **Containers**
Scalable, cost-effective storage for unstructured data
[Learn more](#)

 **File shares**
Serverless SMB file shares
[Learn more](#)

 **Tables**
Tabular data storage
[Learn more](#)

 **Queues**
Effectively scale apps according to traffic
[Learn more](#)

Azure 容器是 Azure IaaS 虛擬磁盤平台的支柱。Azure 操作系統和數據磁盤都作為虛擬磁盤實現，其中數據持久地保存在 Azure 存儲平台中，然後傳送到虛擬機以獲得最佳性能。

Azure 磁盤以 Hyper-V VHD 格式保留，並作為頁 blob 存儲在 Azure 存儲中。

參考：

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-pageblob-overview>

HOTSPOT -

You plan to create an Azure virtual machine.

You need to identify which storage service must be used to store the unmanaged data disks of the virtual machine.

What should you identify? To answer, select the appropriate service in the answer area.

Correct Answer:

Answer Area

 **Containers**
Scalable, cost-effective storage for unstructured data
[Learn more](#)

 **File shares**
Serverless SMB file shares
[Learn more](#)

 **Tables**
Tabular data storage
[Learn more](#)

 **Queues**
Effectively scale apps according to traffic
[Learn more](#)

Azure containers are the backbone of the virtual disks platform for Azure IaaS. Both Azure OS and data disks are implemented as virtual disks where data is durably persisted in the Azure Storage platform and then delivered to the virtual machines for maximum performance. Azure Disks are persisted in Hyper-V VHD format and stored as a page blob in Azure Storage.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-pageblob-overview>

問題 #100

話題一

貴公司計劃將多台服務器移至 Azure。

該公司的合規政策規定，名為 FinServer 的服務器必須位於單獨的網段上。

你正在評估哪些 Azure 服務可用於滿足合規性策略要求。

您應該推薦哪種 Azure 解決方案？

A. FinServer 的資源組和所有其他服務器的另一個資源組

B. FinServer 的虛擬網絡和所有其他服務器的另一個虛擬網絡

C. FinServer 的 VPN 和其他服務器的虛擬網關

D. 一個資源組用於所有服務器，一個資源鎖用於 FinServer

隱藏解決方案

討論 22

正確答案: B 🎁

Azure 中的網絡稱為虛擬網絡。一個虛擬網絡可以有多個 IP 地址空間和多個子網。Azure 自動在虛擬網絡中的不同子網之間路由流量。

問題指出 FinServer 必須位於單獨的網段上。在網絡方面將 FinServer 與其他服務器分開的唯一方法是將服務器放置在與其他服務器不同的虛擬網絡中。

參考資料：

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-vnet-plan-design-arm>

社區投票分配

B (100%)

← 上一個問題

下一個問題 →

Question #100

Topic 1

Your company plans to move several servers to Azure.

The company's compliance policy states that a server named FinServer must be on a separate network segment.

You are evaluating which Azure services can be used to meet the compliance policy requirements. Which Azure solution should you recommend?

A. a resource group for FinServer and another resource group for all the other servers

B. a virtual network for FinServer and another virtual network for all the other servers

C. a VPN for FinServer and a virtual network gateway for each other server

D. one resource group for all the servers and a resource lock for FinServer

Hide Solution

Discussion 22

Correct Answer: B 🎁

Networks in Azure are known as virtual networks. A virtual network can have multiple IP address spaces and multiple subnets. Azure automatically routes traffic between different subnets within a virtual network.

The question states that FinServer must be on a separate network segment. The only way to separate FinServer from the other servers in networking terms is to place the server in a different virtual network to the other servers.

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-vnet-plan-design-arm>

Community vote distribution

B (100%)

你計劃將運行 Windows 10 的多台計算機的網絡驅動器映射到 Azure 存儲。

您需要在 Azure 中為計劃的映射驅動器創建存儲解決方案。

你應該創造什麼？

- A. Azure SQL 數據庫
- B. 虛擬機數據盤
- C. 存儲帳戶中的文件服務
- D. 存儲帳戶中的 Blob 服務

隱藏解決方案

討論 29

正確答案: C 📁

Azure Files 是微軟易於使用的雲文件系統。Azure 文件共享可以在 Windows 和 Windows Server 中無縫使用。

要將 Azure 文件共享與 Windows 一起使用，您必須掛載它，這意味著為其分配驅動器號或掛載點路徑，或者通過其 UNC 路徑訪問它。

與您可能與之交互的其他 SMB 共享不同，例如託管在 Windows Server、Linux Samba 服務器或 NAS 設備上的共享，Azure 文件共享當前不支持使用 Active Directory (AD) 或 Azure Active Directory (AAD) 進行 Kerberos 身份驗證身份，儘管這是我們正在開發的功能。

相反，您必須使用包含您的 Azure 文件共享的存儲帳戶的存儲帳戶密鑰訪問您的 Azure 文件共享。存儲帳戶密鑰是存儲帳戶的管理員密鑰，包括對您正在訪問的文件共享中的所有文件和文件夾以及所有文件共享和其中包含的其他存儲資源（blob、隊列、表等）的管理員權限您的存儲帳戶。

參考資料：

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows>

You plan to map a network drive from several computers that run Windows 10 to Azure Storage.

You need to create a storage solution in Azure for the planned mapped drive.

What should you create?

- A. an Azure SQL database
- B. a virtual machine data disk
- C. a File service in a storage account
- D. a Blob service in a storage account

Hide Solution

Discussion 29

Correct Answer: C 📁

Azure Files is Microsoft's easy-to-use cloud file system. Azure file shares can be seamlessly used in Windows and Windows Server.

To use an Azure file share with Windows, you must either mount it, which means assigning it a drive letter or mount point path, or access it via its UNC path.

Unlike other SMB shares you may have interacted with, such as those hosted on a Windows Server, Linux Samba server, or NAS device, Azure file shares do not currently support Kerberos authentication with your Active Directory (AD) or Azure Active Directory (AAD) identity, although this is a feature we are working on.

Instead, you must access your Azure file share with the storage account key for the storage account containing your Azure file share. A storage account key is an administrator key for a storage account, including administrator permissions to all files and folders within the file share you're accessing, and for all file shares and other storage resources (blobs, queues, tables, etc) contained within your storage account.

References:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows>

HOTSPOT -

您計劃實施 Azure 數據庫解決方案。

您需要實現一個滿足以下要求的數據庫解決方案：

- 可以同時從多個區域添加數據
- 可以存儲 JSON 文檔

您應該部署哪種數據庫服務？要回答，請在回答區域中選擇適當的服務。

熱點地區：

正確答案：

DATABASES (16)

 Azure Cosmos DB		 SQL databases	
 Azure Database for MySQL servers		 Azure Database for PostgreSQL servers	
 Azure Database for MariaDB servers		 SQL servers	
 SQL Data warehouses		 Azure Database Migration Services	
 Azure Cache for Redis		 SQL Server stretch databases	
 Data factories		 SQL elastic pools	
 Virtual Clusters		 Managed databases	
 Elastic Job agents		 SQL managed instances	

Azure Cosmos DB 是 Microsoft 的全球分佈式多模型數據庫服務。只需單擊一個按鈕，Cosmos DB 就可以讓您在全球任意數量的 Azure 區域中靈活且獨立地擴展吞吐量和存儲。Azure Cosmos DB 是存儲非結構化數據和 JSON 數據的好方法。與 Azure Functions 結合使用時，Cosmos DB 可以使用比在關係數據庫中存儲數據所需的代碼少得多的方式快速輕鬆地存儲數據。

參考資料：

<https://docs.microsoft.com/en-us/azure/cosmos-db/introduction> <https://docs.microsoft.com/en-us/azure/functions/functions-integrate-store-unstructured-data-cosmosdb?tabs=csharp>

HOTSPOT -

You plan to implement an Azure database solution.

You need to implement a database solution that meets the following requirements:

- Can add data concurrently from multiple regions
- Can store JSON documents

Which database service should you deploy? To answer, select the appropriate service in the answer area.

Correct Answer:

DATABASES (16)

 Azure Cosmos DB		 SQL databases	
 Azure Database for MySQL servers		 Azure Database for PostgreSQL servers	
 Azure Database for MariaDB servers		 SQL servers	
 SQL Data warehouses		 Azure Database Migration Services	
 Azure Cache for Redis		 SQL Server stretch databases	
 Data factories		 SQL elastic pools	
 Virtual Clusters		 Managed databases	
 Elastic Job agents		 SQL managed instances	

Azure Cosmos DB is Microsoft's globally distributed, multi-model database service. With a click of a button, Cosmos DB enables you to elastically and independently scale throughput and storage across any number of Azure regions worldwide.

Azure Cosmos DB is a great way to store unstructured and JSON data. Combined with Azure Functions, Cosmos DB makes storing data quick and easy with much less code than required for storing data in a relational database.

References:

<https://docs.microsoft.com/en-us/azure/cosmos-db/introduction> <https://docs.microsoft.com/en-us/azure/functions/functions-integrate-store-unstructured-data-cosmosdb?tabs=csharp>

問題 #103

話題一

貴公司計劃開始使用 Azure，並將其所有網絡資源遷移到 Azure。

您需要通過探索 Azure 來開始規劃過程。

您應該首先創建什麼？

- A. 訂閱
- B. 資源組
- C. 虛擬網絡
- D. 管理組

隱藏解決方案

討論 4

正確答案：A 

您在 Azure 中創建的第一件事是訂閱。您可以將 Azure 訂閱視為“Azure 帳戶”。您按訂閱計費。

訂閱是與 Microsoft 簽訂的使用一個或多個 Microsoft 雲平台或服務的協議，其費用根據每用戶許可費或基於雲的資源消耗計費。

⇒ Microsoft 基於軟件即服務 (SaaS) 的雲產品（Office 365、Intune/EMS 和 Dynamics 365）按用戶收取許可費。

⇒ Microsoft 的平台即服務 (PaaS) 和基礎架構即服務 (IaaS) 雲產品 (Azure) 根據云資源消耗收費。

您也可以使用試用訂閱，但訂閱會在特定時間或消費費用後過期。您可以將試用訂閱轉換為付費訂閱。

組織可以有多個 Microsoft 雲產品訂閱。

參考：

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

Question #103

Topic 1

Your company plans to start using Azure and will migrate all its network resources to Azure.

You need to start the planning process by exploring Azure.

What should you create first?

- A. a subscription
- B. a resource group
- C. a virtual network
- D. a management group

Hide Solution

Discussion 4

Correct Answer: A 

The first thing you create in Azure is a subscription. You can think of an Azure subscription as an “Azure account”. You get billed per subscription.

A subscription is an agreement with Microsoft to use one or more Microsoft cloud platforms or services, for which charges accrue based on either a per-user license fee or on cloud-based resource consumption.

⇒ Microsoft's Software as a Service (SaaS)-based cloud offerings (Office 365, Intune/EMS, and Dynamics 365) charge per-user license fees.

⇒ Microsoft's Platform as a Service (PaaS) and Infrastructure as a Service (IaaS) cloud offerings (Azure) charge based on cloud resource consumption.

You can also use a trial subscription, but the subscription expires after a specific amount of time or consumption charges. You can convert a trial subscription to a paid subscription.

Organizations can have multiple subscriptions for Microsoft's cloud offerings.

References:

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Statements	Yes	No
All the Azure resources deployed to a resource group must use the same Azure region.	<input type="radio"/>	<input checked="" type="radio"/>
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	<input type="radio"/>	<input checked="" type="radio"/>
If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input checked="" type="radio"/>	<input type="radio"/>

方框 1：否 -

部署到單個資源組的 Azure 資源可以位於不同的區域。資源組僅包含有關其包含的資源的元數據。

創建資源組時，您需要提供該資源組的位置。您可能想知道，“為什麼資源組需要一個位置？”

而且，如果資源可以具有與資源組不同的位置，為什麼資源組位置很重要？”資源組存儲有關資源的元數據。當您指定資源組的位置時，您就是在指定元數據的存儲位置。出於合規性原因，您可能需要確保您的數據存儲在特定區域。

方框 2：否 -

默認情況下，資源的標籤不從其資源組繼承

方框 3：是 -

資源組可用於對管理操作的訪問控制範圍。默認情況下，資源級別設置的權限由資源組中的資源繼承。

參考：

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point

Correct Answer:

Answer Area

Statements	Yes	No
All the Azure resources deployed to a resource group must use the same Azure region.	<input type="radio"/>	<input checked="" type="radio"/>
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	<input type="radio"/>	<input checked="" type="radio"/>
If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No -

Azure resources deployed to a single resource group can be located in different regions. The resource group only contains metadata about the resources it contains.

When creating a resource group, you need to provide a location for that resource group. You may be wondering, "Why does a resource group need a location?"

And, if the resources can have different locations than the resource group, why does the resource group location matter at all?" The resource group stores metadata about the resources. When you specify a location for the resource group, you're specifying where that metadata is stored. For compliance reasons, you may need to ensure that your data is stored in a particular region.

Box 2: No -

Tags for Resources are not inherited by default from their Resource Group

Box 3: Yes -

A resource group can be used to scope access control for administrative actions. By default, permissions set at the resource level are inherited by the resources in the resource group.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

Data that is stored in the Archive access tier of an Azure Storage account

- can be accessed at any time by using azcopy.exe.
- can only be read by using Azure Backup.
- must be restored before the data can be accessed.
- must be rehydrated before the data can be accessed.

隱藏解決方案

討論 17

正確答案：

Answer Area

Data that is stored in the Archive access tier of an Azure Storage account

- can be accessed at any time by using azcopy.exe.
- can only be read by using Azure Backup.
- must be restored before the data can be accessed.
- must be rehydrated before the data can be accessed.

Azure 存儲提供不同的訪問層：熱、冷和存檔。

歸檔訪問層的存儲成本最低。但與熱層和冷層相比，它的數據檢索成本更高。歸檔層中的數據可能需要幾個小時才能檢索。

當 blob 在存檔存儲中時，blob 數據處於脫機狀態，無法讀取、覆蓋或修改。要讀取或下載存檔中的 blob，您必須首先將其重新水化到在線層。

存檔訪問層的示例使用場景包括：

- 長期備份、二級備份和存檔數據集
- 必須保留的原始（原始）數據，即使在處理成最終可用形式之後也是如此。
- 需要長期存儲且幾乎從未訪問過的合規性和歸檔數據。

參考：

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers?tabs=azure-portal#archive-access-tier>

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

Data that is stored in the Archive access tier of an Azure Storage account

- can be accessed at any time by using azcopy.exe.
- can only be read by using Azure Backup.
- must be restored before the data can be accessed.
- must be rehydrated before the data can be accessed.

Hide Solution

Discussion 17

Correct Answer:

Answer Area

Data that is stored in the Archive access tier of an Azure Storage account

- can be accessed at any time by using azcopy.exe.
- can only be read by using Azure Backup.
- must be restored before the data can be accessed.
- must be rehydrated before the data can be accessed.

Azure storage offers different access tiers: hot, cool and archive.

The archive access tier has the lowest storage cost. But it has higher data retrieval costs compared to the hot and cool tiers. Data in the archive tier can take several hours to retrieve.

While a blob is in archive storage, the blob data is offline and can't be read, overwritten, or modified. To read or download a blob in archive, you must first rehydrate it to an online tier.

Example usage scenarios for the archive access tier include:

- Long-term backup, secondary backup, and archival datasets
- Original (raw) data that must be preserved, even after it has been processed into final usable form.
- Compliance and archival data that needs to be stored for a long time and is hardly ever accessed.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers?tabs=azure-portal#archive-access-tier>

HOTSPOT -

您計劃將關鍵業務線應用程序部署到 Azure。

該應用程序將在 Azure 虛擬機上運行。

你需要為應用程序推薦部署解決方案。該解決方案必須保證 99.99% 的可用性。

您應該為部署推薦的最小虛擬機數量和可用區域的最小數量是多少？要回答，請在回答區域中選擇適當的選項。

注意：每個正確的選擇都值得一分。

Answer Area

Minimum number of virtual machines:

1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>

正確答案：

Minimum number of availability zones:

1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>

您至少需要兩台虛擬機，每台位於不同的可用區。

可用區是一種高可用性產品，可保護您的應用程序和數據免受數據中心故障的影響。可用區是 Azure 區域內的唯一物理位置。每個區域由一個或多個配備獨立電源、冷卻和網絡的數據中心組成。為確保彈性，在所有啟用的區域中至少有三個單獨的區域。區域內可用區的物理分離可保護應用程序和數據免受數據中心故障的影響。區域冗餘服務跨可用區復制您的應用程序和數據，以防止出現單點故障。有可用性

Zones，Azure 提供業界最佳的 99.99% VM 正常運行時間 SLA。

參考：

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

HOTSPOT -

You plan to deploy a critical line-of-business application to Azure.

The application will run on an Azure virtual machine.

You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent.

What is the minimum number of virtual machines and the minimum number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area.

Answer Area

Minimum number of virtual machines:

1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>

Correct Answer:

Minimum number of availability zones:

1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>

You need a minimum of two virtual machines with each one located in a different availability zone. Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there's a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability Zones, Azure offers industry best 99.99% VM uptime SLA.

References:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

問題 #107

話題一

您應該使用哪個 Azure 服務將來自多個資源的事件收集到一個集中的存儲庫中？

- A. Azure 事件中心
- B. Azure 分析服務
- C. Azure 監視器 投票最多
- D. Azure 流分析

隱藏解決方案

討論 43

正確答案：A 🎉

Azure Event Hubs 是一個大數據流平台和事件攝取服務。它每秒可以接收和處理數百萬個事件。發送到事件中心的數據可以使用任何實時分析提供程序或批處理/存儲適配器進行轉換和存儲。

Azure 事件中心可用於實時攝取、緩衝、存儲和處理您的流，以獲得可行的見解。事件中心使用分區消費者模型，使多個應用程序能夠同時處理流並讓您控制處理速度。

Azure 事件中心可用於在 Azure Blob 存儲或 Azure Data Lake Storage 中近乎實時地捕獲數據，以實現長期保留或微批處理。

參考：

<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about>

社區投票分配

C (73%)

一個 (27%)

Question #107

Topic 1

Which Azure service should you use to collect events from multiple resources into a centralized repository?

- A. Azure Event Hubs
- B. Azure Analysis Services
- C. Azure Monitor Most Voted
- D. Azure Stream Analytics

Hide Solution

Discussion 43

Correct Answer: A 🎉

Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.

Azure Event Hubs can be used to ingest, buffer, store, and process your stream in real time to get actionable insights. Event Hubs uses a partitioned consumer model, enabling multiple applications to process the stream concurrently and letting you control the speed of processing.

Azure Event Hubs can be used to capture your data in near-real time in an Azure Blob storage or Azure Data Lake Storage for long-term retention or micro-batch processing.

Reference:

<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about>

Community vote distribution

C (73%)

A (27%)

問題 #108

話題一

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

An Availability Zone in Azure has physically separate locations

- ▼
across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

[隱藏解決方案](#)

[討論 18](#)

正確答案：

Answer Area

An Availability Zone in Azure has physically separate locations

- ▼
across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

可用區是一種高可用性產品，可保護您的應用程序和數據免受數據中心故障的影響。可用區是 Azure 區域內的唯一物理位置。

參考：

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

Question #108

Topic 1

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

An Availability Zone in Azure has physically separate locations

- ▼
across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

[Hide Solution](#)

[Discussion 18](#)

Correct Answer:

Answer Area

An Availability Zone in Azure has physically separate locations

- ▼
across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region.

Reference:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Statements	Yes	No
Data that is stored in an Azure Storage account automatically has at least three copies.	<input checked="" type="radio"/>	<input type="radio"/>
All data that is copied to an Azure Storage account is backed up automatically to another Azure data center.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure Storage account can contain up to 2 TB of data and up to one million files.	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：是的 -

存儲帳戶有不同的複制選項可用。最低限度的複制選項是本地冗餘存儲 (LRS)。使用 LRS，數據在主要區域內同步複製 3 次。

方框 2：否 -

數據不會自動備份到另一個 Azure 數據中心，儘管它可能取決於為帳戶配置的複制選項。本地

冗餘存儲 (LRS) 是默認設置，它在數據中心維護三個數據副本。

異地冗餘存儲 (GRS) 具有跨區域複製功能，可防止區域中斷。數據在主區域同步複製 3 次，然後異步複製到輔助區域。

方框 3：否 -

限制遠高於此。美國和歐洲的當前存儲限制為 2 PB，所有其他地區（包括英國）為 500 TB，文件數量沒有限制。

參考：

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
Data that is stored in an Azure Storage account automatically has at least three copies.	<input checked="" type="radio"/>	<input type="radio"/>
All data that is copied to an Azure Storage account is backed up automatically to another Azure data center.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure Storage account can contain up to 2 TB of data and up to one million files.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes -

There are different replication options available with a storage account. The “minimum” replication option is Locally Redundant Storage (LRS). With LRS, data is replicated synchronously three times within the primary region.

Box 2: No -

Data is not backed up automatically to another Azure Data Center although it can be depending on the replication option configured for the account. Locally Redundant Storage (LRS) is the default which maintains three copies of the data in the data center. Geo-redundant storage (GRS) has cross-regional replication to protect against regional outages. Data is replicated synchronously three times in the primary region, then replicated asynchronously to the secondary region.

Box 3: No -

The limits are much higher than that. The current storage limit is 2 PB for US and Europe, and 500 TB for all other regions (including the UK) with no limit on the number of files.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input checked="" type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input checked="" type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：否 -

並非所有 Azure 區域都支持可用區。

方框 2：否 -

支持可用性區域的區域支持 Linux 虛擬機。

方框 3：是的--

可用區是一種高可用性產品，可保護您的應用程序和數據免受數據中心故障的影響。可用區是 Azure 區域內的唯一物理位置。每個區域由一個或多個配備獨立電源、冷卻和網絡的數據中心組成。為確保彈性，在所有啟用的區域中至少有三個單獨的區域。區域內可用區的物理分離可保護應用程序和數據免受數據中心故障的影響。區域冗餘服務跨可用區復制您的應用程序和數據，以防止出現單點故障。借助可用區，Azure 提供業界最佳的 99.99% 虛擬機正常運行時間 SLA。

參考：

<https://docs.microsoft.com/en-gb/azure/availability-zones/az-overview>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input checked="" type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input checked="" type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

Not all Azure regions support availability zones.

Box 2: No -

Regions that support availability zones support Linux virtual machines.

Box 3: Yes -

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there's a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability Zones, Azure offers industry best 99.99% VM uptime SLA.

References:

<https://docs.microsoft.com/en-gb/azure/availability-zones/az-overview>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements	Yes	No
North America is represented by a single Azure region.	<input type="radio"/>	<input checked="" type="radio"/>
Every Azure region has multiple datacenters.	<input checked="" type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：否 -

北美有多個 Azure 區域，包括美國西部、美國中部、美國中南部、美國東部和加拿大東部。

方框 2：是 -

區域是部署在延遲定義的邊界內並通過專用區域低延遲網絡連接的一組數據中心。

方框 3：否 -

出站數據傳輸按正常費率收費，入站數據傳輸免費。

參考資料：

<https://azure.microsoft.com/en-us/global-infrastructure/regions/> <https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements	Yes	No
North America is represented by a single Azure region.	<input type="radio"/>	<input checked="" type="radio"/>
Every Azure region has multiple datacenters.	<input checked="" type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

North America has several Azure regions, including West US, Central US, South Central US, East Us, and Canada East.

Box 2: Yes -

A region is a set of datacenters deployed within a latency-defined perimeter and connected through a dedicated regional low-latency network.

Box 3: No -

Outbound data transfer is charged at the normal rate and inbound data transfer is free.

References:

<https://azure.microsoft.com/en-us/global-infrastructure/regions/> <https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

問題 #112

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

你計劃部署多個 Azure 虛擬機。

如果單個數據中心出現故障，您需要確保在虛擬機上運行的服務可用。

解決方案：將虛擬機部署到兩個或更多規模集。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 76

正確答案：B 📦

此答案未指定將跨多個數據中心配置規模集，因此此解決方案不符合目標。

Azure 虛擬機規模集允許你創建和管理一組負載平衡的 VM。VM 實例的數量可以根據需求或定義的計劃自動增加或減少。規模集為您的應用程序提供高可用性，並允許您集中管理、配置和更新許多 VM。

規模集中的虛擬機可以部署在多個更新域和故障域中，以最大限度地提高可用性和對由於數據中心中斷以及計劃內或計劃外維護事件造成的中斷的恢復能力。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

問題 #113

話題一

Question #112

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more scale sets.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 76

Correct Answer: B 📦

This answer does not specify that the scale set will be configured across multiple data centers so this solution does not meet the goal.

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update many VMs.

Virtual machines in a scale set can be deployed across multiple update domains and fault domains to maximize availability and resilience to outages due to data center outages, and planned or unplanned maintenance events.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

問題 #113

話題一

當 Microsoft 計劃執行可能影響部署到 Azure 訂閱的資源的維護時，需要通知你。
你應該用什麼？

- A. Azure 監視器
- B. Azure 服務運行狀況**
- C. Azure 顧問
- D. 微軟信任中心

隱藏解決方案

討論 14

正確答案：B 🏅

Azure 服務運行狀況提供您正在使用的 Azure 服務和區域運行狀況的個性化視圖。這是查找影響有關中斷、計劃維護活動和其他健康建議的通信的服務的最佳位置，因為經過身份驗證的服務健康體驗知道您當前使用哪些服務和資源。

參考：

<https://docs.microsoft.com/en-us/azure/service-health/overview>

Question #113

Topic 1

You need to be notified when Microsoft plans to perform maintenance that can affect the resources deployed to an Azure subscription.
What should you use?

- A. Azure Monitor
- B. Azure Service Health**
- C. Azure Advisor
- D. Microsoft Trust Center

Hide Solution

Discussion 14

Correct Answer: B 🏅

Azure Service Health provides a personalized view of the health of the Azure services and regions you're using. This is the best place to look for service impacting communications about outages, planned maintenance activities, and other health advisories because the authenticated Service Health experience knows which services and resources you currently use.

Reference:

<https://docs.microsoft.com/en-us/azure/service-health/overview>

DRAG DROP -

將 Azure 服務服務與正確的描述相匹配。

說明：要回答，請將相應服務從左側列拖到右側的描述中。每個服務可以使用一次、一次以上或根本不使用。

注意：每個正確的選擇都值得一分。

選擇和放置：

Services	Answer Area
Azure Sphere	<input type="text"/>
IoT Central	<input type="text"/>
IoT Hub	<input type="text"/>

- | | |
|--|----------------------|
| A managed service that provides bidirectional communication between IoT devices and Azure | <input type="text"/> |
| A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale | <input type="text"/> |
| A software and hardware solution that provides communication and security features for IoT devices | <input type="text"/> |

隱藏解決方案

討論 32

正確答案：

Services	Answer Area
<input type="text"/>	<input type="text"/>

- | | |
|----------------------|--|
| <input type="text"/> | A managed service that provides bidirectional communication between IoT devices and Azure |
| <input type="text"/> | A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale |
| <input type="text"/> | A software and hardware solution that provides communication and security features for IoT devices |

參考：

<https://docs.microsoft.com/en-us/azure-sphere/product-overview/what-is-azure-sphere>

<https://docs.microsoft.com/en-us/azure/iot-central/core/overview-iot-central>

<https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub>

DRAG DROP -

Match the Azure Services service to the correct description.

Instructions: To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

Select and Place:

Services	Answer Area
Azure Sphere	<input type="text"/>
IoT Central	<input type="text"/>
IoT Hub	<input type="text"/>

- | | |
|--|----------------------|
| A managed service that provides bidirectional communication between IoT devices and Azure | <input type="text"/> |
| A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale | <input type="text"/> |
| A software and hardware solution that provides communication and security features for IoT devices | <input type="text"/> |

Hide Solution

Discussion 32

Correct Answer:

Services	Answer Area
<input type="text"/>	<input type="text"/>

- | | |
|----------------------|--|
| <input type="text"/> | A managed service that provides bidirectional communication between IoT devices and Azure |
| <input type="text"/> | A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale |
| <input type="text"/> | A software and hardware solution that provides communication and security features for IoT devices |

Reference:

<https://docs.microsoft.com/en-us/azure-sphere/product-overview/what-is-azure-sphere>

<https://docs.microsoft.com/en-us/azure/iot-central/core/overview-iot-central>

<https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub>

問題 #115

話題一

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

Answer Area

Statements	Yes	No
A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input type="radio"/>
A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input type="radio"/>
Windows Virtual Desktop supports desktop and app virtualization.	<input type="radio"/>	<input type="radio"/>

隱藏解決方案

討論 21

正確答案：

Answer Area

Statements	Yes	No
A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input checked="" type="radio"/>
A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input checked="" type="radio"/>
Windows Virtual Desktop supports desktop and app virtualization.	<input checked="" type="radio"/>	<input type="radio"/>

參考：

<https://docs.microsoft.com/en-us/azure/virtual-desktop/overview>

Question #115

Topic 1

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input type="radio"/>
A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input type="radio"/>
Windows Virtual Desktop supports desktop and app virtualization.	<input type="radio"/>	<input type="radio"/>

Hide Solution

Discussion 21

Correct Answer:

Answer Area

Statements	Yes	No
A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input checked="" type="radio"/>
A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input checked="" type="radio"/>
Windows Virtual Desktop supports desktop and app virtualization.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/overview>

問題 #116

話題一

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.

隱藏解決方案

討論 16

正確答案：

Answer Area

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.

參考：

<https://blog.abouttmc.com/azure-cloud-total-cost-of-ownership>

Question #116

Topic 1

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.

Hide Solution

Discussion 16

Correct Answer:

Answer Area

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.

Reference:

<https://blog.abouttmc.com/azure-cloud-total-cost-of-ownership>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements

Yes No

You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.

You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.

You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.

可用性區域擴展了您為維護 VM 上的應用程序和數據的可用性而必須的控制級別。可用區是 Azure 區域內的唯一物理位置。每個區域由一個或多個配備獨立電源、冷卻和網絡的數據中心組成。為確保彈性，所有啟用的區域中至少有三個單獨的區域。區域內可用區的物理分離可保護應用程序和數據免受數據中心故障的影響。

借助可用區，Azure 提供業界最佳的 99.99% 虛擬機正常運行時間 SLA。通過構建您的解決方案以在區域中使用複制的 VM，您可以保護您的應用程序和數據免受數據中心丟失的影響。如果一個區域受到威脅，則複制的應用程序和數據會立即在另一個區域中可用。

參考資料：

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements

Yes No

You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.

You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.

You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there are a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures.

With Availability Zones, Azure offers industry best 99.99% VM uptime SLA. By architecting your solutions to use replicated VMs in zones, you can protect your applications and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements	Yes	No
An Azure subscription can have multiple account administrators	<input type="radio"/>	<input checked="" type="radio"/>
An Azure subscription can be managed by using a Microsoft account only	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource group can contain multiple Azure subscriptions	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：否 -

訂閱可以有多個管理員，但只能有一個帳戶管理員。

方框 2：是 -

Azure 訂閱鏈接到單個帳戶，該帳戶用於創建訂閱並用於計費目的。您可以擁有多個訂閱。

方框 3：否 -

一個訂閱可以包含多個資源組，但一個資源組只能屬於一個訂閱。資源組可以包含多個資源。

參考：

<https://k21academy.com/microsoft-azure/az-900/az-900-azure-subscriptions/>

[https://azure.microsoft.com/en-us/blog/organizing-subscriptions-and-resource-groups-within-the-enterprise/](https://azure.microsoft.com/en-us/blog/organizing-subscriptions-and-resource-groups-企業內部/)

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements	Yes	No
An Azure subscription can have multiple account administrators	<input type="radio"/>	<input checked="" type="radio"/>
An Azure subscription can be managed by using a Microsoft account only	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource group can contain multiple Azure subscriptions	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

A subscription can have multiple administrators, but there can only be one account administrator.

Box 2: Yes -

An Azure subscription is linked to a single account, the one that was used to create the subscription and is used for billing purposes. You can have more than one subscription.

Box 3: No -

A subscription can contain multiple resource groups but a resource group can only belong to one subscription. Resource groups can contain multiple resources.

Reference:

<https://k21academy.com/microsoft-azure/az-900/az-900-azure-subscriptions/>

<https://azure.microsoft.com/en-us/blog/organizing-subscriptions-and-resource-groups-within-the-enterprise/>

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

An Azure region

- contains one or more data centers that are connected by using a low-latency network.
- is found in each country where Microsoft has a subsidiary office.
- can be found in every country in Europe and the Americas only.
- contains one or more data centers that are connected by using a high-latency network.

隱藏解決方案

討論 7

正確答案：

Answer Area

An Azure region

- contains one or more data centers that are connected by using a low-latency network.
- is found in each country where Microsoft has a subsidiary office.
- can be found in every country in Europe and the Americas only.
- contains one or more data centers that are connected by using a high-latency network.

區域是部署在延遲定義的邊界內並通過專用區域低延遲網絡連接的一組數據中心。

Microsoft Azure 目前在全球擁有 55 個地區。

區域分為可用區。可用區是 Azure 區域中物理上獨立的位置。每個可用區由一個或多個配備獨立電源、冷卻和網絡的數據中心組成。

參考：

<https://azure.microsoft.com/en-gb/global-infrastructure/regions/>

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

An Azure region

- contains one or more data centers that are connected by using a low-latency network.
- is found in each country where Microsoft has a subsidiary office.
- can be found in every country in Europe and the Americas only.
- contains one or more data centers that are connected by using a high-latency network.

Hide Solution

Discussion 7

Correct Answer:

Answer Area

An Azure region

- contains one or more data centers that are connected by using a low-latency network.
- is found in each country where Microsoft has a subsidiary office.
- can be found in every country in Europe and the Americas only.
- contains one or more data centers that are connected by using a high-latency network.

A region is a set of data centres deployed within a latency-defined perimeter and connected through a dedicated regional low-latency network.

Microsoft Azure currently has 55 regions worldwide.

Regions are divided into Availability Zones. Availability Zones are physically separate locations within an Azure region. Each Availability Zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

Reference:

<https://azure.microsoft.com/en-gb/global-infrastructure/regions/>

問題 #120

話題一

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

Answer Area

Statements	Yes	No
------------	-----	----

To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.

Users in Azure Active Directory (Azure AD) are organized by using resource groups.

Azure Active Directory (Azure AD) groups support dynamic membership rules.

隱藏解決方案

討論 36

正確答案：

Answer Area

Statements	Yes	No
------------	-----	----

To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.

Users in Azure Active Directory (Azure AD) are organized by using resource groups.

Azure Active Directory (Azure AD) groups support dynamic membership rules.

參考：

<https://docs.microsoft.com/en-us/azure/active-directory/enterprise-users/groups-dynamic-membership> <https://petri.com/understanding-hybrid-azure-active-directory-join>

Question #120

Topic 1

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
------------	-----	----

To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.

Users in Azure Active Directory (Azure AD) are organized by using resource groups.

Azure Active Directory (Azure AD) groups support dynamic membership rules.

Hide Solution

Discussion 36

Correct Answer:

Answer Area

Statements	Yes	No
------------	-----	----

To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.

Users in Azure Active Directory (Azure AD) are organized by using resource groups.

Azure Active Directory (Azure AD) groups support dynamic membership rules.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/enterprise-users/groups-dynamic-membership> <https://petri.com/understanding-hybrid-azure-active-directory-join>

問題 #121

話題一

你計劃部署多個 Azure 虛擬機。

如果單個數據中心出現故障，您需要確保在虛擬機上運行的服務仍然可用。

兩種可能的解決方案是什麼？每個正確答案都提供了一個完整的解決方案。

- A. 將虛擬機部署到兩個或更多可用區。
- B. 將虛擬機部署到兩個或更多資源組。
- C. 將虛擬機部署到規模集。
- D. 將虛擬機部署到兩個或更多區域。

隱藏解決方案

討論 20

正確答案：AD 🏆

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/overview>

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions>

社區投票分配

廣告 (100%)

Question #121

Topic 1

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines remain available if a single data center fails.

What are two possible solutions? Each correct answer presents a complete solution.

- A. Deploy the virtual machines to two or more availability zones.
- B. Deploy the virtual machines to two or more resource groups.
- C. Deploy the virtual machines to a scale set.
- D. Deploy the virtual machines to two or more regions.

Hide Solution

Discussion 20

Correct Answer: AD 🏆

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/overview>

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions>

Community vote distribution

AD (100%)

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

- be deployed to a separate virtual network.
- run a different operating system than the other virtual machines.
- be deployed to a separate resource group.
- have two network interfaces.

隱藏解決方案**討論 17****正確答案：****Answer Area**

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

- be deployed to a separate virtual network.
- run a different operating system than the other virtual machines.
- be deployed to a separate resource group.
- have two network interfaces.

Azure 自動在虛擬網絡中的子網之間路由流量。因此，一個虛擬網絡中的所有虛擬機都可以連接到同一虛擬網絡中的其他虛擬機。即使虛擬機位於虛擬網絡中的不同子網上，它們仍然可以相互通信。

為確保虛擬機無法連接到其他虛擬機，必須將虛擬機部署到單獨的虛擬網絡。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

- be deployed to a separate virtual network.
- run a different operating system than the other virtual machines.
- be deployed to a separate resource group.
- have two network interfaces.

Hide Solution**Discussion 17****Correct Answer:****Answer Area**

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

- be deployed to a separate virtual network.
- run a different operating system than the other virtual machines.
- be deployed to a separate resource group.
- have two network interfaces.

Azure automatically routes traffic between subnets in a virtual network. Therefore, all virtual machines in a virtual network can connect to the other virtual machines in the same virtual network. Even if the virtual machines are on separate subnets within the virtual network, they can still communicate with each other.

To ensure that a virtual machine cannot connect to the other virtual machines, the virtual machine must be deployed to a separate virtual network.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

問題 #123

話題一

DRAG DROP -

將 Azure 服務與適當的描述相匹配。

要回答，請將相應服務從左側列拖到右側的描述中。每個服務可以使用一次、一次以上或根本不使用。

注意：每場正確的比賽都值得一分。

選擇和放置：

Services	Answer Area
Azure Cosmos DB	<input type="text"/>
Azure HDInsight	<input type="text"/>
Azure Synapse Analytics	<input type="text"/>

A fully managed data warehouse that has integral security at every level of scale at no extra cost.

A globally distributed database that supports NoSQL.

Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

隱藏解決方案

討論 7

正確答案：

Services	Answer Area
	Azure Synapse Analytics
	Azure Cosmos DB
	Azure HDInsight

A fully managed data warehouse that has integral security at every level of scale at no extra cost.

A globally distributed database that supports NoSQL.

Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

Question #123

Topic 1

DRAG DROP -

Match the Azure service to the appropriate description.

To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:

Services	Answer Area
Azure Cosmos DB	<input type="text"/>
Azure HDInsight	<input type="text"/>
Azure Synapse Analytics	<input type="text"/>

A fully managed data warehouse that has integral security at every level of scale at no extra cost.

A globally distributed database that supports NoSQL.

Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

Hide Solution

Discussion 7

Correct Answer:

Services	Answer Area
	Azure Synapse Analytics
	Azure Cosmos DB
	Azure HDInsight

A fully managed data warehouse that has integral security at every level of scale at no extra cost.

A globally distributed database that supports NoSQL.

Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements	Yes	No
The Archive access tier is set at the storage account level.	<input checked="" type="radio"/>	<input type="radio"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input checked="" type="radio"/>	<input type="radio"/>
The Cool access tier is recommended for long term backups.	<input type="radio"/>	<input checked="" type="radio"/>

方框 1：是 -

在存儲帳戶級別設置訪問層。

方框 2：是 -

熱訪問層的使用場景包括：

- 正在使用或預期會頻繁讀取和寫入的數據
- 為處理和最終遷移到冷訪問層而暫存的數據

方框 3：否 -

冷訪問層的使用場景包括：

短期備份和災難恢復

*

- 不經常使用但預計在訪問時立即可用的舊數據
- 需要經濟高效地存儲的大型數據集，同時正在收集更多數據供日後處理

參考：

<https://docs.microsoft.com/en-us/azure/storage/blob/storage-blob-storage-tiers>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Correct Answer:

Answer Area

Statements	Yes	No
The Archive access tier is set at the storage account level.	<input checked="" type="radio"/>	<input type="radio"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input checked="" type="radio"/>	<input type="radio"/>
The Cool access tier is recommended for long term backups.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes -

Access tiers are set at the storage account level.

Box 2: Yes -

Usage scenarios for the hot access tier include:

- Data that is in active use or is expected to be read from and written to frequently
- Data that is staged for processing and eventual migration to the cool access tier

Box 3: No -

Usage scenarios for the cool access tier include:

Short-term backup and disaster recovery

- *
- Older data not used frequently but expected to be available immediately when accessed
- Large data sets that need to be stored cost effectively, while more data is being gathered for future processing

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>

問題 #125

話題一

Azure 可用區可用於保護對 Azure 服務的訪問的最嚴重故障是什麼？

- A. 物理服務器故障
- B. Azure 區域故障
- C. 存儲故障
- D. Azure 數據中心故障

隱藏解決方案

討論 4

正確答案: D 🏴 可用

區擴展了您為維護 VM 上的應用程序和數據的可用性而必須的控制級別。可用區是 Azure 區域內物理上獨立的區域。每個受支持的 Azure 區域有三個可用區。每個可用區都有不同的電源、網絡和冷卻裝置。通過構建解決方案以在區域中使用複制的 VM，您可以保護您的應用程序和數據免受數據中心丟失的影響。如果一個區域受到威脅，則複制的應用程序和數據會立即在另一個區域中可用。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machines/availability>

社區投票分配

D (100%)

問題 #126

話題一

Question #125

Topic 1

What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure service?

- A. a physical server failure
- B. an Azure region failure
- C. a storage failure
- D. an Azure data center failure

Hide Solution

Discussion 4

Correct Answer: D 🏴

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. An Availability Zone is a physically separate zone, within an Azure region. There are three Availability Zones per supported Azure region.

Each Availability Zone has a distinct power source, network, and cooling. By architecting your solutions to use replicated VMs in zones, you can protect your apps and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/availability>

Community vote distribution

D (100%)

問題 #126

話題一

你需要購買將部署到 Azure 訂閱的第三方虛擬安全設備。
你應該用什麼？

- A. Azure 訂閱
- B. Azure 安全中心
- C. Azure 市場
- D. 微軟商店

隱藏解決方案

討論 5

正確答案: C 🎁

參考:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/ea-azure-marketplace>

社區投票分配

C (100%)

Question #126

Topic 1

You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription.
What should you use?

- A. Azure subscriptions
- B. Azure Security Center
- C. Azure Marketplace
- D. Microsoft Store

Hide Solution

Discussion 5

Correct Answer: C 🎁

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/ea-azure-marketplace>

Community vote distribution

C (100%)

DRAG DROP -

將無服務器解決方案與正確的特徵相匹配。

要回答，請將適當的無服務器解決方案從左側的列拖到右側的特徵。每個無服務器解決方案都可以使用一次、多次或根本不使用。

注意：每場正確的比賽都值得一分。

正確答案：

Serverless Solutions**Answer Area**

Azure Functions

Executes code:

Azure Functions

Azure Logic Apps

Is always stateful:

Azure Functions

Runs only in the cloud:

Azure Logic Apps

方框 1 : Azure Functions -

Azure Functions 允許您將系統的邏輯實現為易於使用的稱為“函數”的代碼塊。您可以隨時運行不同的功能來響應關鍵事件。

框 2 : Azure Functions -

Azure 邏輯應用可以有多個有狀態和無狀態工作流。

框 3 : Azure 邏輯應用 -

Azure 邏輯應用是一個基於雲的平台，用於創建和運行集成應用、數據、服務和系統的自動化工作流。

參考：

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

DRAG DROP -

Match the serverless solution to the correct characteristic.

To answer, drag the appropriate serverless solution from the column on the left to its characteristic on the right. Each serverless solution may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Correct Answer:

Serverless Solutions**Answer Area**

Azure Functions

Executes code:

Azure Functions

Azure Logic Apps

Is always stateful:

Azure Functions

Azure Logic Apps

Runs only in the cloud:

Azure Logic Apps

Box 1: Azure Functions -

Azure Functions allows you to implement your system's logic into readily available blocks of code called "functions". Different functions can run anytime you need to respond to critical events.

Box 2: Azure Functions -

Azure Logic Apps can have multiple stateful and stateless workflows.

Box 3: Azure Logic Apps -

Azure Logic Apps is a cloud-based platform for creating and running automated workflows that integrate your apps, data, services, and systems.

Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

HOTSPOT -
選擇正確完成句子的答案。
熱點地區：

Answer Area

An Availability Zone in Azure has physically separate locations

- across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

隱藏解決方案

討論 2

正確答案：

Answer Area

An Availability Zone in Azure has physically separate locations

- across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

可用區是單個 Azure 區域中物理上獨立的位置。每個可用區由一個或多個配備獨立電源、冷卻和網絡的數據中心組成。

參考：

<https://azure.microsoft.com/en-gb/global-infrastructure/regions/>

HOTSPOT -
Select the answer that correctly completes the sentence.
Hot Area:

Answer Area

An Availability Zone in Azure has physically separate locations

- across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

Hide Solution

Discussion 2

Correct Answer:

Answer Area

An Availability Zone in Azure has physically separate locations

- across two continents.
- within a single Azure region.
- within multiple Azure regions.
- within a single Azure datacenter.

Availability Zones are physically separate locations within a single Azure region. Each Availability Zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

Reference:

<https://azure.microsoft.com/en-gb/global-infrastructure/regions/>

DRAG DROP -

將 Azure 服務與正確的定義相匹配。

說明：要回答，請將相應的 Azure 服務從左側列拖到右側的描述中。每個服務可以使用一次、一次以上或根本不使用。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Options	Answer Area	
Azure Databricks	Azure Functions	Provides the platform for serverless code
Azure Functions	Azure Databricks	A big data analysis service for machine learning
Azure App Service	Azure Application Insights	Detects and diagnoses anomalies in web apps
Azure Application Insights	Azure App Service	Hosts web apps

方框 1：

Azure Functions 為無服務器代碼提供平台。

Azure Functions 是一種無服務器計算服務，可讓你運行事件觸發的代碼，而無需顯式預配或管理基礎結構。

框 2：

Azure Databricks 是用於機器學習的大型分析服務。

Azure Databricks 是一個基於 Apache Spark 的分析平台。該平台由幾個組件組成，包括 Mlib。Mlib 是一個機器學習庫，由常見的學習算法和實用程序組成，包括分類、回歸、聚類、協同過濾、降維以及底層優化原語。

方框 3：

Azure Application Insights 檢測和診斷 Web 應用程序中的異常。

Application Insights 是 Azure Monitor 的一項功能，是面向開發人員和 DevOps 專業人員的可擴展應用程序性能管理 (APM) 服務。

使用它來監控您的實時應用程序。它將自動檢測性能異常，並包含強大的分析工具來幫助您診斷問題並了解用戶對您的應用程序的實際操作。

框 4：

Azure 應用服務託管 Web 應用。

Azure 應用服務是一種基於 HTTP 的服務，用於託管 Web 應用程序、REST API 和移動後端。您可以使用自己喜歡的語言進行開發，無論是

.NET、.NET Core、Java、Ruby、Node.js、PHP 或 Python。應用程序可以在基於 Windows 和 Linux 的環境中輕鬆運行和擴展。

參考：

<https://docs.microsoft.com/en-us/azure/azure-functions/>

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks# apache-spark-based-analytics-platform> <https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview> <https://docs.microsoft.com/en-us/azure/app-service/overview>

DRAG DROP -

Match the Azure service to the correct definition.

Instructions: To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Options	Answer Area	
Azure Databricks	Azure Functions	Provides the platform for serverless code
Azure Functions	Azure Databricks	A big data analysis service for machine learning
Azure App Service	Azure Application Insights	Detects and diagnoses anomalies in web apps
Azure Application Insights	Azure App Service	Hosts web apps

Box 1:

Azure Functions provides the platform for serverless code.

Azure Functions is a serverless compute service that lets you run event-triggered code without having to explicitly provision or manage infrastructure.

Box 2:

Azure Databricks is a big analysis service for machine learning.

Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including Mlib. Mlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.

Box 3:

Azure Application Insights detects and diagnoses anomalies in web apps.

Application Insights, a feature of Azure Monitor, is an extensible Application Performance Management (APM) service for developers and DevOps professionals.

Use it to monitor your live applications. It will automatically detect performance anomalies, and includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app.

Box 4:

Azure App Service hosts web apps.

Azure App Service is an HTTP-based service for hosting web applications, REST APIs, and mobile back ends. You can develop in your favorite language, be it .NET, .NET Core, Java, Ruby, Node.js, PHP, or Python. Applications run and scale with ease on both Windows and Linux-based environments.

References:

<https://docs.microsoft.com/en-us/azure/azure-functions/>

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks# apache-spark-based-analytics-platform> <https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview> <https://docs.microsoft.com/en-us/azure/app-service/overview>

問題 #130

話題一

貴公司的一組開發人員計劃每週部署並移除 50 台自定義虛擬機。30 台虛擬機運行 Windows Server 2016，20 台虛擬機運行 Ubuntu Linux。

你需要推薦哪種 Azure 服務可以最大限度地減少部署和刪除虛擬機所需的管理工作量。

你應該推薦什麼？

A. Azure 預留虛擬機 (VM) 實例

B. Azure 虛擬機規模集

C. Azure 開發測試實驗室

D. Microsoft 託管桌面

隱藏解決方案

討論 27

正確答案: C 🎉

DevTest Labs 創建由預配置基礎或 Azure 資源管理器模板組成的實驗室。

通過使用開發測試實驗室，您可以通過執行以下任務來測試最新版本的應用程序：

- ⇒ 使用可重用的模板和工件快速配置 Windows 和 Linux 環境。
- ⇒ 輕鬆將您的部署管道與開發測試實驗室集成，以提供按需環境。
- ⇒ 通過配置多個測試代理來擴展您的負載測試，並為培訓和演示創建預配置環境。

參考：

<https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-overview>

←以前的問題

下一個問題→

Question #130

Topic 1

A team of developers at your company plans to deploy, and then remove, 50 customized virtual machines each week. Thirty of the virtual machines run Windows Server 2016 and 20 of the virtual machines run Ubuntu Linux.

You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.

What should you recommend?

A. Azure Reserved Virtual Machines (VM) Instances

B. Azure virtual machine scale sets

C. Azure DevTest Labs

D. Microsoft Managed Desktop

Hide Solution

Discussion 27

Correct Answer: C 🎉

DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates.

By using DevTest Labs, you can test the latest versions of your applications by doing the following tasks:

- ⇒ Quickly provision Windows and Linux environments by using reusable templates and artifacts.
- ⇒ Easily integrate your deployment pipeline with DevTest Labs to provision on-demand environments.
- ⇒ Scale up your load testing by provisioning multiple test agents and create pre-provisioned environments for training and demos.

Reference:

<https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-overview>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

Answer Area

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	<input type="radio"/>	<input type="radio"/>
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	<input type="radio"/>	<input type="radio"/>
The Azure portal can only be accessed from a Windows device.	<input type="radio"/>	<input type="radio"/>

隱藏解決方案

討論 5

正確答案：

Answer Area

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure portal can only be accessed from a Windows device.	<input type="radio"/>	<input checked="" type="radio"/>

您可以在 Windows、macOS 和 Linux 上本地安裝 Az PowerShell 模塊。它也可以在瀏覽器中通過 Azure Cloud Shell 或在 Docker 容器中使用。

參考：

<https://docs.microsoft.com/en-us/powershell/azure/what-is-azure-powershell?view=azps-6.6.0>
<https://serverfault.com/questions/323973/how-do-i-access-the-windows-azure-management-portal-from-ubuntu>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	<input type="radio"/>	<input type="radio"/>
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	<input type="radio"/>	<input type="radio"/>
The Azure portal can only be accessed from a Windows device.	<input type="radio"/>	<input type="radio"/>

Hide Solution

Discussion 5

Correct Answer:

Answer Area

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure portal can only be accessed from a Windows device.	<input type="radio"/>	<input checked="" type="radio"/>

You can install the Az PowerShell module locally on Windows, macOS, and Linux. It can also be used from a browser through Azure Cloud Shell or inside a Docker container.

Reference:

<https://docs.microsoft.com/en-us/powershell/azure/what-is-azure-powershell?view=azps-6.6.0>
<https://serverfault.com/questions/323973/how-do-i-access-the-windows-azure-management-portal-from-ubuntu>

問題 #132

話題一

支持工程師計劃使用 Azure CLI 執行多項 Azure 管理任務。

您在計算機上安裝 CLI。

您需要告訴支持工程師使用哪些工具來運行 CLI。

您應該指導支持工程師使用哪兩種工具？每個正確答案都提供了一個完整的解決方案。

注意：每個正確的選擇都值得一分。

- A. 命令提示符
- B. Azure 資源瀏覽器
- C. Windows PowerShell
- D. Windows Defender 防火牆
- E. 網絡與共享中心

隱藏解決方案

討論 32

正確答案：AC 🎁

對於 Windows，Azure CLI 是通過 MSI 安裝的，這使您可以通過 Windows 命令提示符 (CMD) 或 PowerShell 訪問 CLI。

參考資料：

<https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?view=azure-cli-latest>

社區投票分配

交流電 (100%)

Question #132

Topic 1

A support engineer plans to perform several Azure management tasks by using the Azure CLI.

You install the CLI on a computer.

You need to tell the support engineer which tools to use to run the CLI.

Which two tools should you instruct the support engineer to use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Command Prompt
- B. Azure Resource Explorer
- C. Windows PowerShell
- D. Windows Defender Firewall
- E. Network and Sharing Center

Hide Solution

Discussion 32

Correct Answer: AC 🎁

For Windows the Azure CLI is installed via an MSI, which gives you access to the CLI through the Windows Command Prompt (CMD) or PowerShell.

References:

<https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?view=azure-cli-latest>

Community vote distribution

AC (100%)

問題 #133

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。
你有一個 Azure 環境。你需要從運行 Android 操作系統的平板電腦創建新的 Azure 虛擬機。
解決方案：在 Azure Cloud Shell 中使用 PowerShell。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 12

正確答案: A 🎁

Azure Cloud Shell 是一種基於瀏覽器的 shell 體驗，用於管理和開發 Azure 資源。

Cloud Shell 提供可瀏覽器訪問的預配置 shell 體驗，用於管理 Azure 資源，無需自行安裝、版本控制和維護計算機的開銷。

Azure Cloud Shell 基於瀏覽器，可以在運行 Android 操作系統的平板電腦的瀏覽器上運行。

參考資料：

<https://docs.microsoft.com/en-us/azure/cloud-shell/features>

問題 #134

話題一

Question #133

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use PowerShell in Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 12

Correct Answer: A 🎁

Azure Cloud Shell is a browser-based shell experience to manage and develop Azure resources.

Cloud Shell offers a browser-accessible, pre-configured shell experience for managing Azure resources without the overhead of installing, versioning, and maintaining a machine yourself.

Being browser-based, Azure Cloud Shell can be run on a browser from a tablet that runs the Android operating system.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/features>

問題 #134

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

你有一個 Azure 環境。你需要從運行 Android 操作系統的平板電腦創建新的 Azure 虛擬機。

解決方案：您使用 PowerApps 門戶。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 8

正確答案：B 🏆

PowerApps 讓您可以使用很少或不用代碼快速構建業務應用程序。它不適用於創建 Azure 虛擬機。因此，該解決方案不符合目標。

PowerApps 門戶允許組織創建網站，這些網站可以匿名或通過他們選擇的登錄提供程序（如 LinkedIn、Microsoft 帳戶、其他商業登錄提供程序）與組織外部的用戶共享。

參考資料：

<https://powerapps.microsoft.com/en-us/blog/introducing-powerapps-portals-powerful-low-code-websites-for-external-users/>

社區投票分配

B (100%)

問題 #135

話題一

Question #134

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use the PowerApps portal.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 8

Correct Answer: B 🏆

PowerApps lets you quickly build business applications with little or no code. It is not used to create Azure virtual machines. Therefore, this solution does not meet the goal.

PowerApps Portals allow organizations to create websites which can be shared with users external to their organization either anonymously or through the login provider of their choice like LinkedIn, Microsoft Account, other commercial login providers.

References:

<https://powerapps.microsoft.com/en-us/blog/introducing-powerapps-portals-powerful-low-code-websites-for-external-users/>

Community vote distribution

B (100%)

問題 #135

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

你有一個 Azure 環境。你需要從運行 Android 操作系統的平板電腦創建新的 Azure 虛擬機。

解決方案：您使用 Azure 門戶。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 6

正確答案: A 🏆

Azure 門戶是一個基於 Web 的統一控制台，它提供了命令行工具的替代方案。通過 Azure 門戶，您可以使用圖形用戶界面管理您的 Azure 訂閱。您可以構建、管理和監控從簡單的 Web 應用程序到複雜的雲部署的所有內容。為有組織的資源視圖創建自定義儀表板。配置可訪問性選項以獲得最佳體驗。

Azure 門戶基於 Web，可以在運行 Android 操作系統的平板電腦的瀏覽器上運行。

參考資料：

<https://docs.microsoft.com/en-us/azure/azure-portal/azure-portal-overview>

問題 #136

話題一

Question #135

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use the Azure portal.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 6

Correct Answer: A 🏆

The Azure portal is a web-based, unified console that provides an alternative to command-line tools. With the Azure portal, you can manage your Azure subscription using a graphical user interface. You can build, manage, and monitor everything from simple web apps to complex cloud deployments. Create custom dashboards for an organized view of resources. Configure accessibility options for an optimal experience.

Being web-based, the Azure portal can be run on a browser from a tablet that runs the Android operating system.

References:

<https://docs.microsoft.com/en-us/azure/azure-portal/azure-portal-overview>

問題 #136

話題一

熱點 -

要完成句子，請在答案區域中選擇適當的選項。

熱點地區：

Answer Area

is an Apache Spark-based analytics service.

Azure Databricks
Azure Data Factory
Azure DevOps
Azure Synapse Analytics

隱藏解決方案

討論 9

正確答案：

Answer Area

is an Apache Spark-based analytics service.

Azure Databricks
Azure Data Factory
Azure DevOps
Azure Synapse Analytics

Azure Databricks 是一個基於 Apache Spark 的分析平台。該平台由幾個組件組成，包括 Mlib。Mlib 是一個機器學習庫，由常見的學習算法和實用程序組成，包括分類、回歸、聚類、協同過濾、降維以及底層優化原語。

參考：

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics-platform>

Question #136

Topic 1

HOTSPOT -

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

is an Apache Spark-based analytics service.

Azure Databricks
Azure Data Factory
Azure DevOps
Azure Synapse Analytics

Hide Solution

Discussion 9

Correct Answer:

Answer Area

is an Apache Spark-based analytics service.

Azure Databricks
Azure Data Factory
Azure DevOps
Azure Synapse Analytics

Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including Mlib. Mlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics-platform>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Statements	Yes	No
Azure Monitor can monitor the performance of on-premises computers.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can send alerts to Azure Active Directory security groups.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input checked="" type="radio"/>	<input type="radio"/>

方框 1：是 -

Azure Monitor 通過提供全面的解決方案來收集、分析和處理來自云和本地環境的遙測數據，最大限度地提高應用程序和服務的可用性和性能。

框 2：是 -

Azure Monitor 中的警報會主動通知您嚴重情況，並可能嘗試採取糾正措施。

框 3：是 -

Azure Monitor 使用目標資源，這是可用於警報的範圍和信號。目標可以是任何 Azure 資源。示例目標：虛擬機、存儲帳戶、虛擬機規模集、Log Analytics 工作區或 Application Insights 資源。

參考：

<https://docs.microsoft.com/en-us/azure/azure-monitor/overview> <https://docs.microsoft.com/en-us/azure/monitor/platform/alerts-overview>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
Azure Monitor can monitor the performance of on-premises computers.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can send alerts to Azure Active Directory security groups.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: Yes -

Azure Monitor maximizes the availability and performance of your applications and services by delivering a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments.

Box 2: Yes -

Alerts in Azure Monitor proactively notify you of critical conditions and potentially attempt to take corrective action.

Box 3: Yes -

Azure Monitor uses Target Resource, which is the scope and signals available for alerting. A target can be any Azure resource. Example targets: a virtual machine, a storage account, a virtual machine scale set, a Log Analytics workspace, or an Application Insights resource.

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/overview> <https://docs.microsoft.com/en-us/azure/monitor/platform/alerts-overview>

問題 #138

話題一

哪個 Azure 服務提供了一組版本控制工具來管理代碼？

- A. Azure 存儲庫
- B. Azure 開發測試實驗室
- C. Azure 存儲
- D. Azure Cosmos DB

隱藏解決方案

討論 16

正確答案: A 🎁

Azure Repos 是一組可用於管理代碼的版本控制工具。

錯誤答案：

B : Azure 開發測試實驗室創建由預配置基礎或 Azure 資源管理器模板組成的實驗室。這些具有可用於創建環境的所有必要工具和軟件。

D : Azure Cosmos DB 是微軟全球分佈的多模型數據庫服務。

參考資料：

<https://docs.microsoft.com/en-us/azure/devops/repos/get-started/what-is-repos?view=azure-devops>

Question #138

Topic 1

Which Azure service provides a set of version control tools to manage code?

- A. Azure Repos
- B. Azure DevTest Labs
- C. Azure Storage
- D. Azure Cosmos DB

Hide Solution

Discussion 16

Correct Answer: A 🎁

Azure Repos is a set of version control tools that you can use to manage your code.

Incorrect Answers:

B: Azure DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates. These have all the necessary tools and software that you can use to create environments.

D: Azure Cosmos DB is Microsoft's globally distributed, multi-model database service.

References:

<https://docs.microsoft.com/en-us/azure/devops/repos/get-started/what-is-repos?view=azure-devops>

選擇右上角類似">->"符號的按鈕。

問題 #139

話題一

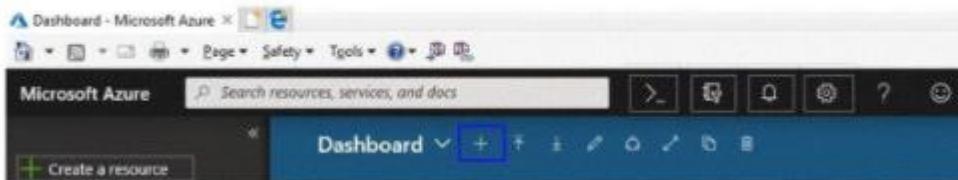
HOTSPOT -

您需要使用 Azure Cloud Shell 管理 Azure。

應選擇哪個 Azure 門戶圖標？要回答，請在回答區域中選擇相應的圖標。

熱點地區：

Answer Area

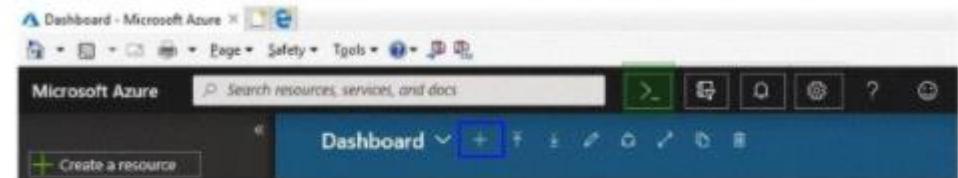


隱藏解決方案

討論 36

正確答案：

Answer Area



您可以通過單擊圖標訪問 Azure 門戶中的 Azure Cloud Shell。

Azure Cloud Shell 是一種交互式、經過身份驗證、瀏覽器可訪問的 shell，用於管理 Azure 資源。它提供了選擇最適合您工作方式的 shell 體驗的靈活性，無論是 Bash 還是 PowerShell。Cloud Shell 支持訪問基於瀏覽器的命令行體驗，該體驗是在考慮 Azure 管理任務的情況下構建的。

參考資料：

<https://docs.microsoft.com/en-us/azure/cloud-shell/overview?view=azure-cli-latest>

Question #139

Topic 1

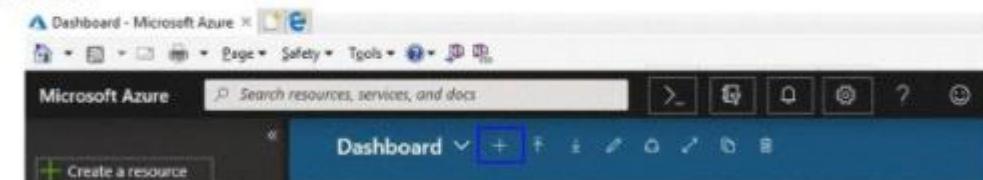
HOTSPOT -

You need to manage Azure by using Azure Cloud Shell.

Which Azure portal icon should you select? To answer, select the appropriate icon in the answer area.

Hot Area:

Answer Area

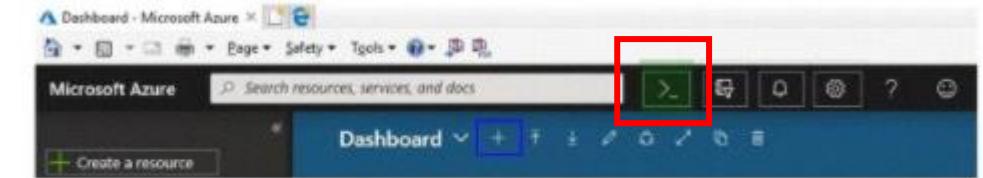


Hide Solution

Discussion 36

Correct Answer:

Answer Area



You can access Azure Cloud Shell in the Azure portal by clicking the icon.

Azure Cloud Shell is an interactive, authenticated, browser-accessible shell for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work, either Bash or PowerShell.

Cloud Shell enables access to a browser-based command-line experience built with Azure management tasks in mind.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/overview?view=azure-cli-latest>

問題 #140

話題一

您有一個名為 VM1 的虛擬機，它運行 Windows Server 2016。VM1 位於美國東部 Azure 區域。您應該使用 Azure 門戶中的哪個 Azure 服務來查看可能影響 VM1 可用性的服務故障通知？

- A. Azure 服務結構
- B. Azure 監視器 投票最多
- C. Azure 虛擬機
- D. Azure 顧問

隱藏解決方案

討論 124

正確答案: C 🎉

在 Azure 門戶的 Azure 虛擬機頁面中，有一個名為 Maintenance Status。此列將顯示可能影響您的虛擬機的服務問題。服務故障很少見，但可能影響虛擬機的主機服務器維護更為常見。

Azure 會定期更新其平台，以提高虛擬機主機基礎結構的可靠性、性能和安全性。這些更新的目的範圍從修補託管環境中的軟件組件到升級網絡組件或停用硬件。

參考：

<https://docs.microsoft.com/en-us/azure/virtual-machines/maintenance-and-updates>

社區投票分配

B (73%)

C (27%)

←以前的問題

下一個問題→

Question #140

Topic 1

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region.

Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

- A. Azure Service Fabric
- B. Azure Monitor Most Voted
- C. Azure virtual machines
- D. Azure Advisor

Hide Solution

Discussion 124

Correct Answer: C 🎉

In the Azure virtual machines page in the Azure portal, there is a named Maintenance Status. This column will display service issues that could affect your virtual machine. A service failure is rare but host server maintenance that could affect your virtual machines is more common.

Azure periodically updates its platform to improve the reliability, performance, and security of the host infrastructure for virtual machines. The purpose of these updates ranges from patching software components in the hosting environment to upgrading networking components or decommissioning hardware.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/maintenance-and-updates>

Community vote distribution

B (73%)

C (27%)

問題 #141

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕上。

Azure 管理員計劃運行創建 Azure 資源的 PowerShell 腳本。

您需要推薦用於運行腳本的計算機配置。

解決方案：從運行 Linux 並安裝了 Azure CLI 工具的計算機運行腳本。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 132

正確答案：B 📦

PowerShell 腳本是包含 PowerShell cmdlet 和代碼的文件。PowerShell 腳本需要在 PowerShell 中運行。

現在可以在 Linux 上安裝 PowerShell。但是，問題表明計算機安裝了 Azure CLI 工具，而不是 PowerShell。因此，該解決方案不符合目標。

參考資料：

<https://docs.microsoft.com/en-us/powershell/scripting/components/ise/how-to-write-and-run-scripts-in-the-windows-powershell-ise?view=powershell-6>

Question #141

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Linux and has the Azure CLI tools installed.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 132

Correct Answer: B 📦

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

PowerShell can now be installed on Linux. However, the question states that the computer has Azure CLI tools, not PowerShell installed. Therefore, this solution does not meet the goal.

References:

<https://docs.microsoft.com/en-us/powershell/scripting/components/ise/how-to-write-and-run-scripts-in-the-windows-powershell-ise?view=powershell-6>

問題 #142

話題一

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕中。

Azure 管理員計劃運行創建 Azure 資源的 PowerShell 腳本。

您需要推薦用於運行腳本的計算機配置。

解決方案：從運行 Chrome OS 並使用 Azure Cloud Shell 的計算機運行腳本。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 225

正確答案：A 🍀

PowerShell 腳本是包含 PowerShell cmdlet 和代碼的文件。PowerShell 腳本需要在 PowerShell 中運行。

使用 Azure Cloud Shell，您可以在 Web 瀏覽器中運行 PowerShell cmdlet 和腳本。您登錄到 Azure 門戶並選擇 Azure Cloud Shell 選項。

這將在 Web 瀏覽器中打開一個 PowerShell 會話。Azure Cloud Shell 已安裝必要的 Azure PowerShell 模塊。

注意：要在 Azure Cloud Shell 中運行 PowerShell 腳本，您需要更改到存儲 PowerShell 腳本的目錄。

參考資料：

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart-powershell>

Question #142

Topic 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 225

Correct Answer: A 🍀

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

With the Azure Cloud Shell, you can run PowerShell cmdlets and scripts in a Web browser. You log in to the Azure Portal and select the Azure Cloud Shell option.

This will open a PowerShell session in the Web browser. The Azure Cloud Shell has the necessary Azure PowerShell module installed.

Note: to run a PowerShell script in the Azure Cloud Shell, you need to change to the directory where the PowerShell script is stored.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart-powershell>

HOTSPOT -

對於以下每個陳述，如果陳述為真，請選擇“是”。否則，請選擇否。

注意：每個正確的選擇都值得一分。

熱點地區：

正確答案：

Answer Area

Statements

Yes

No

From Azure Service Health, an administrator can view the health of all the services in an Azure environment.



From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.



From Azure Service Health, an administrator can prevent a service failure



方框 1：是 -

Azure 服務健康包含三個組件：Azure 狀態、Azure 服務健康和 Azure 資源健康。

Azure 服務運行狀況提供您正在使用的 Azure 服務和區域運行狀況的個性化視圖。這是查找影響有關中斷、計劃的維護活動和其他健康建議的通信的服務的最佳位置，因為經過身份驗證的 Azure 服務健康體驗知道你當前使用哪些服務和資源。

若要查看 Azure 中所有其他可用服務的運行狀況，您將使用 Azure 服務運行狀況的 Azure 狀態組件。Azure 狀態會在 Azure 狀態頁面上通知你 Azure 中的服務中斷。該頁面是所有 Azure 區域中所有 Azure 服務運行狀況的全局視圖。

方框 2：是 -

使用服務運行狀況的最佳方式是設置服務運行狀況警報，以便在服務問題、計劃維護或其他更改可能影響您使用的 Azure 服務和區域時通過您首選的通信渠道通知您。

方框 3：否 -

您可以使用資源運行狀況查看虛擬機的運行狀況。但是，您不能使用資源運行狀況來防止影響虛擬機的服務故障。

Azure 資源運行狀況提供有關單個雲資源（例如特定虛擬機實例）的運行狀況的信息。

參考資料：

<https://docs.microsoft.com/en-us/azure/service-health/overview>

HOTSPOT -

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Statements

Yes

No

From Azure Service Health, an administrator can view the health of all the services in an Azure environment.



From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.



From Azure Service Health, an administrator can prevent a service failure



Box 1: Yes -

Azure Service Health consists of three components: Azure Status, Azure Service Health and Azure Resource Health.

Azure service health provides a personalized view of the health of the Azure services and regions you're using. This is the best place to look for service impacting communications about outages, planned maintenance activities, and other health advisories because the authenticated Azure Service Health experience knows which services and resources you currently use.

To view the health of all other services available in Azure, you would use the Azure Status component of Azure Service Health. Azure status informs you of service outages in Azure on the Azure Status page. The page is a global view of the health of all Azure services across all Azure regions.

Box 2: Yes -

The best way to use Service Health is to set up Service Health alerts to notify you via your preferred communication channels when service issues, planned maintenance, or other changes may affect the Azure services and regions you use.

Box 3: No -

You can use Resource Health to view the health of a virtual machine. However, you cannot use Resource Health to prevent a service failure affecting the virtual machine.

Azure resource health provides information about the health of your individual cloud resources such as a specific virtual machine instance.

References:

<https://docs.microsoft.com/en-us/azure/service-health/overview>

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕上。

Azure 管理員計劃運行創建 Azure 資源的 PowerShell 腳本。

您需要推薦用於運行腳本的計算機配置。

解決方案：從運行 macOS 並安裝了 PowerShell Core 6.0 的計算機運行腳本。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 89

正確答案：A 🍀

PowerShell 腳本是包含 PowerShell cmdlet 和代碼的文件。PowerShell 腳本需要在 PowerShell 中運行。

在這個問題中，計算機安裝了 PowerShell Core 6.0。因此，該解決方案確實達到了目標。

注意：要使用 PowerShell 創建 Azure 資源，您需要導入 Azure PowerShell 模塊，其中包括創建資源所需的 PowerShell cmdlet。

參考資料：

<https://docs.microsoft.com/en-us/powershell/scripting/components/ise/how-to-write-and-run-scripts-in-the-windows-powershell-ise?view=powershell-6>

社區投票分配

一個 (50%)

乙 (50%)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 89

Correct Answer: A 🍀

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

In this question, the computer has PowerShell Core 6.0 installed. Therefore, this solution does meet the goal.

Note: To create Azure resources using PowerShell, you would need to import the Azure PowerShell module which includes the PowerShell cmdlets required to create the resources.

References:

<https://docs.microsoft.com/en-us/powershell/scripting/components/ise/how-to-write-and-run-scripts-in-the-windows-powershell-ise?view=powershell-6>

Community vote distribution

A (50%)

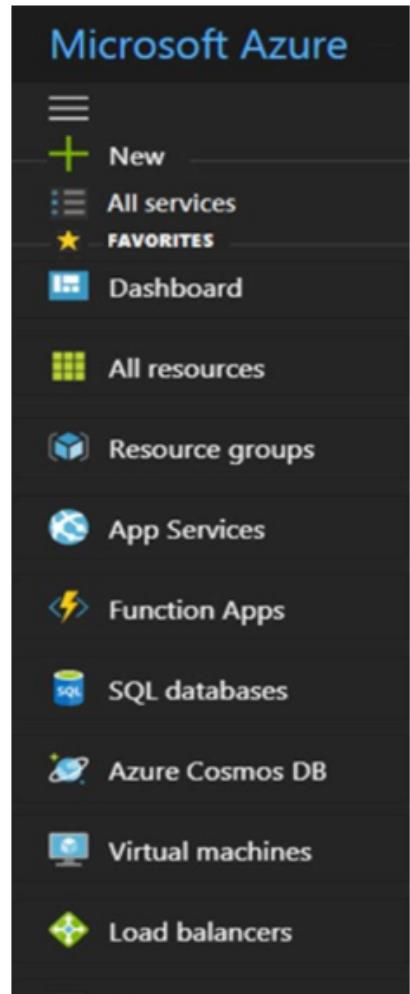
B (50%)

熱點 -

您需要查看可能影響 Azure 訂閱可用性的計劃維護事件列表。

您應該使用 Azure 門戶中的哪個刀片？要回答，請在回答區域中選擇適當的刀片。

熱點地區：



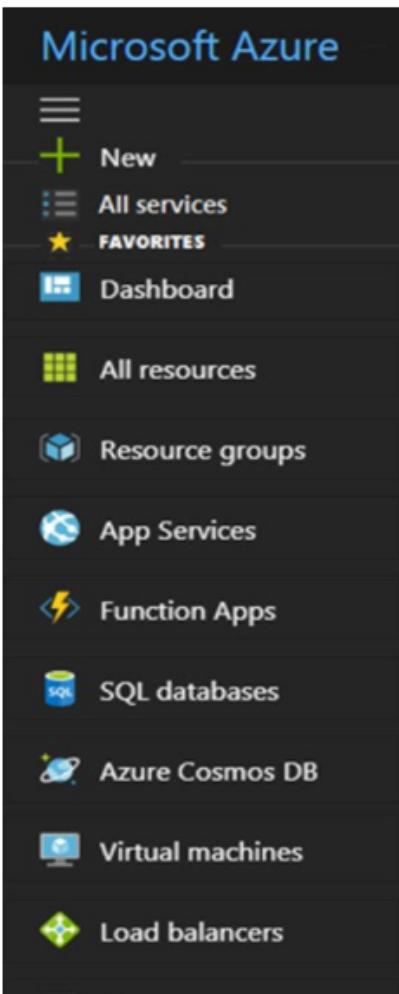
圖像在底部被截斷，在此菜單列表的末尾，您將看到“幫助 + 支持”
列為正確答案的菜單選項

HOTSPOT -

You need to view a list of planned maintenance events that can affect the availability of an Azure subscription.

Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.

Hot Area:



DRAG DROP -

將 Azure 服務與正確的定義相匹配。

說明：要回答，請將相應的 Azure 服務從左側列拖到右側的描述中。每個服務可以使用一次、一次以上或根本不使用。

注意：每場正確的比賽都值得一分。

選擇和放置：

Answer Options

Azure Advisor

Azure Cognitive Services

Azure Application Insights

Azure DevOps

Answer Area

- An integrated solution for the deployment of code
- A tool that provides guidance and recommendations to improve an Azure environment
- A simplified tool to build intelligent Artificial Intelligence (AI) applications
- Monitors web applications

隱藏解決方案

討論 7

正確答案：

Answer Options

Azure Advisor

Azure Cognitive Services

Azure Application Insights

Azure DevOps

Answer Area

- Azure DevOps An integrated solution for the deployment of code
- Azure Advisor A tool that provides guidance and recommendations to improve an Azure environment
- Azure Cognitive Services A simplified tool to build intelligent Artificial Intelligence (AI) applications
- Azure Application Insights Monitors web applications

方框 1 : Azure DevOps 。

Azure DevOps 是 Microsoft 的主要軟件開發和部署平台。

DevOps 影響應用程序生命週期的整個計劃、開發、交付和運營階段。

方框 2 : Azure 問題。

DRAG DROP -

Match the Azure service to the correct definition.

Instructions: To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:

Answer Options

Azure Advisor

Azure Cognitive Services

Azure Application Insights

Azure DevOps

Answer Area

- An integrated solution for the deployment of code
- A tool that provides guidance and recommendations to improve an Azure environment
- A simplified tool to build intelligent Artificial Intelligence (AI) applications
- Monitors web applications

Hide Solution

Discussion 7

Correct Answer:

Answer Options

Azure Advisor

Azure Cognitive Services

Azure Application Insights

Azure DevOps

Answer Area

An integrated solution for the deployment of code

A tool that provides guidance and recommendations to improve an Azure environment

A simplified tool to build intelligent Artificial Intelligence (AI) applications

Monitors web applications

DRAG DROP -

將 Azure 服務與正確的描述相匹配。

說明：要回答，請將相應的 Azure 服務從左側列拖到右側的描述中。每個服務可以使用一次、一次以上或根本不使用。

注意：每場正確的比賽都值得一分。

選擇和放置：

正確答案：

Answer Options	Answer Area
Azure SQL Database	A managed relational cloud database service.
Azure SQL Synapse Analytics	A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
Azure Data Lake Analytics	Can run massively parallel data transformation and processing programs across petabytes of data.
Azure HDInsight	An open-source framework for the distributed processing and analysis of big data sets in clusters.

方框 1 : Azure SQL 數據庫 -

SQL Server 是一種關係數據庫服務。Azure SQL 數據庫是 Azure 中的託管 SQL Server 數據庫。SQL Server 由 Microsoft 管理；您只需訪問數據庫。

方框 2 : Azure SQL Synapse Analytics

Azure SQL Synapse Analytics（以前稱為數據倉庫）是 Microsoft 提供的基於雲的平台即服務（PaaS）產品。它是一種大規模、分佈式、MPP（大規模並行處理）關係數據庫技術，與 Amazon Redshift 或 Snowflake 處於同一級別的競爭對手中。Azure SQL Synapse Analytics 是現代數據倉庫多平台架構的重要組成部分。因為 Azure SQL Synapse Analytics 是一個 MPP 系統，它具有跨發行版的無共享架構，所以它適用於可以利用並行性的大規模分析工作負載。

框 3 : Azure Data Lake Analytics

您可以使用 Azure Data Lake Analytics 在幾秒鐘內處理大數據工作業。您可以利用以 .NET 語言、R 或 Python

編寫的現有庫，為查詢、ETL、分析、機器學習、機器翻譯、圖像處理和情感分析等不同工作負載類別處理 PB 級數據。方框 4 : Azure HDInsight 。

Apache Hadoop 是用於分佈式處理和分析集群上的大數據集的原始開源框架。Hadoop 生態系統包括相關的軟件和實用程序，包括 Apache Hive、Apache HBase、Spark、Kafka 等。Azure HDInsight 是面向企業的雲中完全託管、全方位、開源的分析服務。Azure HDInsight 中的 Apache Hadoop 群集類型允許你使用 HDFS、YARN 資源管理和簡單的 MapReduce 編程模型來並行處理和分析批處理數據。

參考：

<https://azure.microsoft.com/en-us/services/sql-database/>

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-what-is>

<https://docs.microsoft.com/bs-latn-ba/azure/hdinsight/hadoop/apache-hadoop-introduction>

<https://www.blue-granite.com/blog/is-azure-sql-data-warehouse-a-good-fit-updated>

<https://azure.microsoft.com/en-gb/services/data-lake-analytics/>

DRAG DROP -

Match the Azure service to the correct description.

Instructions: To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:

Correct Answer:

Answer Options	Answer Area
Azure SQL Database	A managed relational cloud database service.
Azure SQL Synapse Analytics	A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
Azure Data Lake Analytics	Can run massively parallel data transformation and processing programs across petabytes of data.
Azure HDInsight	An open-source framework for the distributed processing and analysis of big data sets in clusters.

Box 1: Azure SQL Database -

SQL Server is a relational database service. Azure SQL Database is a managed SQL Server Database in Azure. The SQL Server is managed by Microsoft; you just have access to the database.

Box 2: Azure SQL Synapse Analytics

Azure SQL Synapse Analytics (previously called Data Warehouse) is a cloud-based Platform-as-a-Service (PaaS) offering from Microsoft. It is a large-scale, distributed, MPP (massively parallel processing) relational database technology in the same class of competitors as Amazon Redshift or Snowflake. Azure SQL

Synapse Analytics is an important component of the Modern Data Warehouse multi-platform architecture. Because Azure SQL Synapse Analytics is an MPP system with a shared-nothing architecture across distributions, it is meant for large-scale analytical workloads which can take advantage of parallelism.

Box 3: Azure Data Lake Analytics

You can process big data jobs in seconds with Azure Data Lake Analytics. You can process petabytes of data for diverse workload categories such as querying,

ETL, analytics, machine learning, machine translation, image processing and sentiment analysis by leveraging existing libraries written in .NET languages, R or

Python.

Box 4: Azure HDInsight.

Apache Hadoop was the original open-source framework for distributed processing and analysis of big data sets on clusters. The Hadoop ecosystem includes related software and utilities, including Apache Hive, Apache HBase, Spark, Kafka, and many others.

Azure HDInsight is a fully managed, full-spectrum, open-source analytics service in the cloud for enterprises. The Apache Hadoop cluster type in Azure HDInsight allows you to use HDFS, YARN resource management, and a simple MapReduce programming model to process and analyze batch data in parallel.

Reference:

<https://azure.microsoft.com/en-us/services/sql-database/>

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-what-is>

<https://docs.microsoft.com/bs-latn-ba/azure/hdinsight/hadoop/apache-hadoop-introduction>

<https://www.blue-granite.com/blog/is-azure-sql-data-warehouse-a-good-fit-updated>

<https://azure.microsoft.com/en-gb/services/data-lake-analytics/>

HOTSPOT -

您需要確定必須使用 Azure 門戶中的哪些刀片來執行以下任務：

- 查看安全建議。
- 監控 Azure 服務的運行狀況。
- 瀏覽可用的虛擬機映像。

您應該為每項任務確定哪個刀片？要回答，請在回答區域中選擇適當的選項。

注意：每個正確的選擇都值得一分。

正確答案：

Answer Area

Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



方框 1 :

Azure Monitor 用於監控 Azure 服務的運行狀況。

Azure Monitor 通過提供全面的解決方案來收集、分析和處理來自云和本地環境的遙測數據，最大限度地提高應用程序和服務的可用性和性能。它可以帮助您了解應用程序的執行情況，並主動識別影響它們的問題以及它們所依賴的資源。

框 2 :

您可以在 Azure 市場中瀏覽可用的虛擬機映像。

Azure Marketplace 提供有關 Microsoft 及其合作夥伴提供的解決方案和服務的訪問權限和信息。客戶可以發現、試用或購買基於 Azure 或為 Azure 構建的雲軟件解決方案。8,000 多個列表的目錄提供了 Azure 構建塊，例如虛擬機 (VM)、API、Azure 應用程序、解決方案模板和託管應用程序、SaaS 應用程序、容器和諮詢服務。

框 3 :

Azure 顧問顯示安全建議。

Azure 顧問為你的所有 Azure 資源提供一致、統一的建議視圖。它與 Azure 安全中心集成，為你提供安全建議。你可以從顧問儀表板上的安全選項卡獲取安全建議。

安全中心通過提高對 Azure 資源安全性的可見性和控制，幫助你預防、檢測和響應威脅。它會定期分析 Azure 資源的安全狀態。當安全中心識別出潛在的安全漏洞時，它會創建建議。這些建議將指導你完成配置所需控件的過程。

參考：<https://docs.microsoft.com/en-us/azure/azure-monitor/overview> <https://docs.microsoft.com/en-us/azure/marketplace/marketplace-faq-publisher-guide> <https://docs.microsoft.com/en-us/azure/advisor/advisor-security-recommendations>

HOTSPOT -

You need to identify which blades in the Azure portal must be used to perform the following tasks:

- View security recommendations.
- Monitor the health of Azure services.
- Browse available virtual machine images.

Which blade should you identify for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



Correct Answer:

Box 1:

Azure Monitor is used to monitor the health of Azure services.

Azure Monitor maximizes the availability and performance of your applications and services by delivering a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments. It helps you understand how your applications are performing and proactively identifies issues affecting them and the resources they depend on.

Box 2:

You can browse available virtual machine images in the Azure Marketplace.

Azure Marketplace provides access and information on solutions and services available from Microsoft and their partners. Customers can discover, try, or buy cloud software solutions built on or for Azure. The catalog of 8,000+ listings provides Azure building blocks, such as Virtual Machines (VMs), APIs, Azure apps, Solution Templates and managed applications, SaaS apps, containers, and consulting services.

Box 3:

Azure Advisor displays security recommendations.

Azure Advisor provides you with a consistent, consolidated view of recommendations for all your Azure resources. It integrates with Azure Security Center to bring you security recommendations. You can get security recommendations from the Security tab on the Advisor dashboard.

Security Center helps you prevent, detect, and respond to threats with increased visibility into and control over the security of your Azure resources. It periodically analyzes the security state of your Azure resources. When Security Center identifies potential security vulnerabilities, it creates recommendations. The recommendations guide you through the process of configuring the controls you need.

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/overview> <https://docs.microsoft.com/en-us/azure/marketplace/marketplace-faq-publisher-guide> <https://docs.microsoft.com/en-us/azure/advisor/advisor-security-recommendations>

注意：此問題是呈現相同場景的一系列問題的一部分。該系列中的每個問題都包含一個可能滿足既定目標的獨特解決方案。一些問題集可能有不止一個正確的解決方案，而其他問題集可能沒有正確的解決方案。

在您回答本節中的問題後，您將無法返回。因此，這些問題不會出現在復習屏幕上。

你有一個 Azure 環境。你需要從運行 Android 操作系統的平板電腦創建新的 Azure 虛擬機。

解決方案：在 Azure Cloud Shell 中使用 Bash。

這是否達到目標？

A. 是的

B. 沒有

隱藏解決方案

討論 7

正確答案：A 🎉

使用 Azure Cloud Shell，您可以使用 Bash 或 PowerShell 創建虛擬機。

Azure Cloud Shell 是一種交互式、經過身份驗證、瀏覽器可訪問的 shell，用於管理 Azure 資源。它提供了選擇最適合您工作方式的 shell 體驗的靈活性，無論是 Bash 還是 PowerShell。
參考：

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart> <https://docs.microsoft.com/en-us/azure/cloud-shell/overview>

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use Bash in Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 7

Correct Answer: A 🎉

With Azure Cloud Shell, you can create virtual machines using Bash or PowerShell.

Azure Cloud Shell is an interactive, authenticated, browser-accessible shell for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work, either Bash or PowerShell.

Reference:

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart> <https://docs.microsoft.com/en-us/azure/cloud-shell/overview>

問題 #150

話題一

您有一個基於規則自動發送電子郵件通知的本地應用程序。

你計劃將應用程序遷移到 Azure。

你需要為應用程序推薦無服務器計算解決方案。

你應該在推薦中包括什麼？

- A. 網絡應用
- B. Azure 市場中的服務器映像
- C. 遷輯應用
- D. API 應用程序

隱藏解決方案

討論 34

正確答案: C 🏆

Azure Logic Apps 是一種雲服務，當您需要跨企業或組織集成應用程序、數據、系統和服務時，它可以帮助您安排、自動化和編排任務、業務流程和工作流。Logic Apps 簡化了您為應用程序集成、數據集成、系統集成、企業應用程序集成 (EAI) 和企業對企業 (B2B) 通信設計和構建可擴展解決方案的方式，無論是在雲中、內部還是兩者中。

例如，以下只是一些您可以使用邏輯應用程序自動化的工作負載：

- 跨本地系統和雲服務處理和路由訂單。
- 當各種系統、應用程序和服務中發生事件時，使用 Office 365 發送電子郵件通知。
- 將上傳的文件從 SFTP 或 FTP 服務器移動到 Azure 存儲。
- 監控特定主題的推文，分析情緒，並為需要審查的項目創建警報或任務。

參考資料：

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>

Question #150

Topic 1

You have an on-premises application that sends email notifications automatically based on a rule.

You plan to migrate the application to Azure.

You need to recommend a serverless computing solution for the application.

What should you include in the recommendation?

- A. a web app
- B. a server image in Azure Marketplace
- C. a logic app
- D. an API app

Hide Solution

Discussion 34

Correct Answer: C 🏆

Azure Logic Apps is a cloud service that helps you schedule, automate, and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and services across enterprises or organizations. Logic Apps simplifies how you design and build scalable solutions for app integration, data integration, system integration, enterprise application integration (EAI), and business-to-business (B2B) communication, whether in the cloud, on premises, or both.

For example, here are just a few workloads you can automate with logic apps:

- Process and route orders across on-premises systems and cloud services.
- Send email notifications with Office 365 when events happen in various systems, apps, and services.
- Move uploaded files from an SFTP or FTP server to Azure Storage.
- Monitor tweets for a specific subject, analyze the sentiment, and create alerts or tasks for items that need review.

References:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>