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20 Questions

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20 Questions

Azure security, Azure policy,
blueprints

Exam like pattern!



defence in depth





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AZ 900: Questions and Answers – Part 19

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Q341: This question requires that you evaluate the underlined text to determine if it is correct.

You use Management groups to organize resources in an Azure subscription.

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) Resource groups
- c) Management groups
- d) Administrative units

Azure resources are combined into resource groups, which act as logical containers into which Azure resources like web apps, databases, and storage accounts are deployed and managed.

Q342: Which of the following could require both a password and a security question for full authentication?

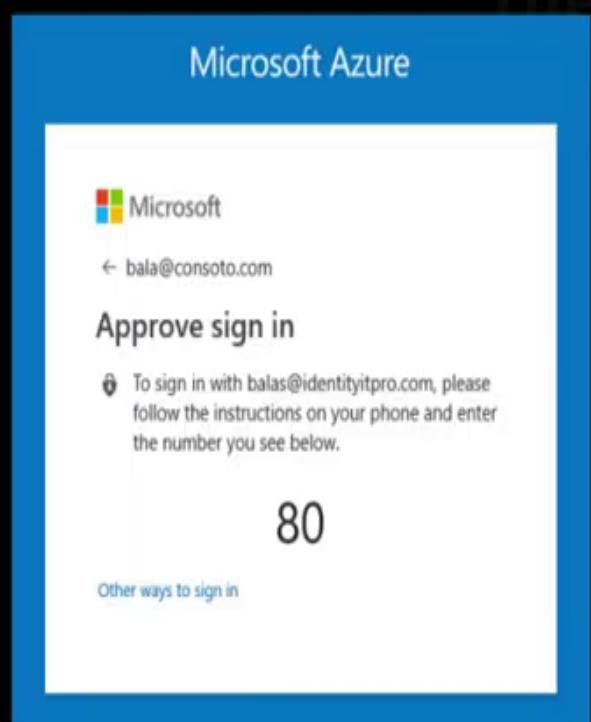
- a) Azure Firewall
- b) Application Gateway
- c) Multi-Factor Authentication

Multi-Factor Authentication (MFA). MFA can require two or more elements for full authentication.

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As per Microsoft

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As per Microsoft

Multifactor authentication (MFA) adds a layer of protection to the sign-in process. When accessing accounts or apps, users provide additional identity verification, such as scanning a fingerprint or entering a code received by phone.

Q343: You plan to deploy several Azure virtual machines. You need to control the ports that devices on the Internet can use to access the virtual machines. **What should you use?**

- a) a network security group (NSG)
- b) an Azure Active Directory (Azure AD) role
- c) an Azure Active Directory group
- d) an Azure key vault

Q344: Your company plans to deploy several web servers and several database servers to Azure. You need to recommend an Azure solution to limit the types of connections from the web servers to the database servers. What should you include in the recommendation?

- a) Azure Service Bus
- b) a local network gateway
- c) a route filter
- d) Network security groups (NSGs)

Q345: Which of the following services would you use to filter internet traffic in your Azure virtual network?

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- b) Network Security Group
- c) VPN Gateway

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Network Security Group (NSG). NSGs allow you to filter network traffic to and from Azure resources in an Azure virtual network.

An NSG can contain multiple inbound and outbound security rules that enable you to filter traffic to and from resources by source and destination IP address, port, and protocol.



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AZ 900: Questions and Answers – Part 19

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Q346: Which of the following provides information about planned maintenance and changes that could affect the availability of your resources?

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Service Health

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Azure Service Health is a suite of experiences that provide personalized guidance and support when issues with Azure services affect you.

It can notify you, help you understand the impact of issues, and keep you updated as the issue is resolved. Azure Service Health can also help you prepare for planned maintenance and changes that could affect the availability of your resources.

Q347: North America is represented by a single Azure region.

Yes

No

North America has several Azure regions, including West US, Central US, South Central US, East US, and Canada East.

Q348: Azure web app, Azure logic app and Azure SQL database are all examples of Platform as a Service (PaaS).

Yes

No

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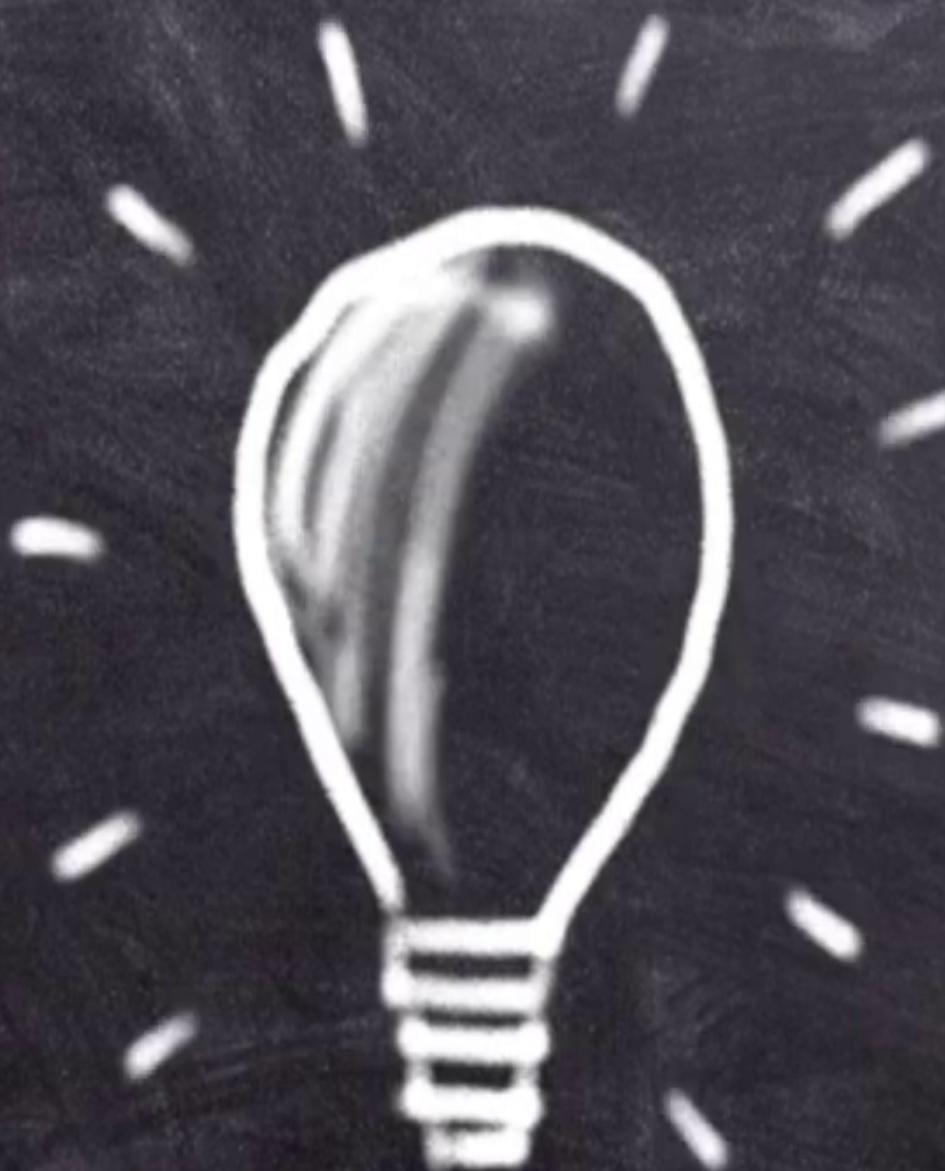


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Q349: A company “ABC Limited” want to execute workflows that are designed to automate business scenarios and are built from predefined logic blocks without any code. Which service is most suited?

- a) Azure Functions
- b) Azure Logic Apps
- c) Azure Workflows
- d) Azure Compute

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Decide when to use Azure Functions

✓ 100 XP

10 minutes

After consulting with several of your fellow developers at Tailwind Traders, you've determined that some of your application logic is event driven. In other words, for a large amount of time, your application is waiting for a particular input before it performs any processing. To reduce your costs, you want to avoid having to pay for the time that your application is waiting for input. With that in mind, you've decided to investigate Azure Functions to see if it can help.

Serverless computing is the abstraction of servers, infrastructure, and operating systems. With serverless computing, Azure takes care of managing the server infrastructure and the allocation and deallocation of resources based on



Functions are a key component of serverless computing. They're also a general compute platform for running any type of code. If the needs of the developer's app change, you can deploy the project in an environment that isn't serverless. This flexibility allows you to manage scaling, run on virtual networks, and even completely isolate the functions.

Azure Logic Apps

Logic apps are similar to functions. Both enable you to trigger logic based on an event. Where functions execute code, logic apps execute *workflows* that are designed to automate business scenarios and are built from predefined logic blocks.

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Every Azure logic app workflow starts with a trigger, which fires when a specific event happens or when newly available data meets specific criteria. Many triggers include basic scheduling capabilities, so developers can specify how regularly their workloads will run. Each time the trigger fires, the Logic Apps engine creates a logic app instance that runs the actions in the workflow. These actions can also include data conversions and flow controls, such as conditional statements, switch statements, loops, and branching.

You create logic app workflows by using a visual designer on the Azure portal or in Visual Studio. The workflows are persisted as a JSON file with a known workflow schema.

Azure provides more than 200 different connectors and processing blocks to interact with different services. These resources include the most popular enterprise apps. You can also build custom connectors and workflow steps if the service you need to interact with isn't covered. You then use the visual designer to link connectors and blocks together.

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Q350: 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) Azure API
- b) Azure Logic Apps
- c) Azure Workflows
- d) Azure Functions

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Q351: This question requires that you evaluate the underlined text to determine if it is correct.

If Microsoft plans to end support for an Azure service that does NOT have a successor service, Microsoft will provide notification at least 12 months before.

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) 6 months
- c) 90 days
- d) 30 days

Q352: Where can you obtain details about the personal data Microsoft processes, how Microsoft processes it, and for what purposes?

- a) Microsoft Privacy Statement
- b) Compliance Manager
- c) Azure Service Health

The Microsoft Privacy Statement explains what personal data Microsoft processes, how Microsoft processes it, and for what purposes.

Q353: Which of the following can be used to help you enforce resource tagging so you can manage billing?

- a) Azure Policy
- b) Azure Service Health
- c) Compliance Manager

Azure Policy can be used to enforce tagging values and rules on resources.

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Q354: Which of the following can be used to define a repeatable set of Azure resources that implement organizational requirements?

- a) Azure Blueprint
- b) Azure Policy
- c) Azure Resource Groups

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Azure Blueprints enable cloud architects to define a repeatable set of Azure resources that implement and adhere to an organization's standards, patterns, and requirements. Azure Blueprint enables development teams to rapidly build and deploy new environments with the knowledge that they're building within organizational compliance with a set of built-in components that speed up development and delivery.

Q355: Which of the following lets you grant users only the rights they need to perform their jobs?

- a) Azure Policy
- b) Compliance Manager
- c) Role-Based Access Control

Role-Based Access Control (RBAC). RBAC lets you to grant users only the rights they need to perform their jobs.

Q356: 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. For that VM1 must:

- a) be deployed to a separate virtual network
- b) run a different operating system, than the other virtual machine
- c) be deployed to a separate resource group
- d) have two virtual interfaces

Q357: 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.

Q358: Which of the following best explains cloud computing?

- a) Delivery of computing services over the internet.
- b) Setting up your own datacenter.
- c) Scalable computing

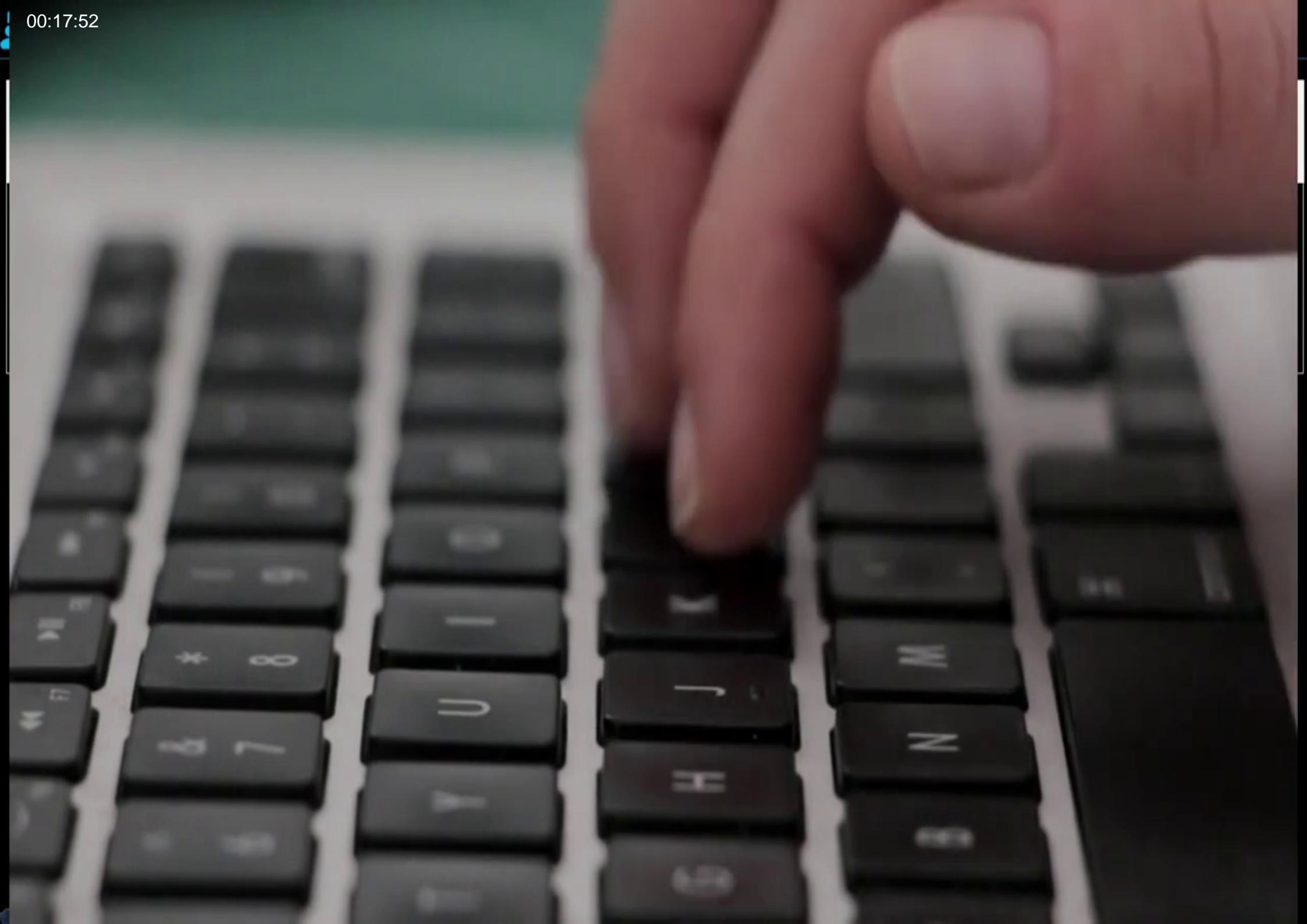
Q359: Which of the following is not a feature of Cloud computing?

- a) Latest technology
- b) A limited pool of services
- c) flexible resources
- d) economies of scale

Q360: Which of the following is not a Cloud computing?

- a) Public Cloud
- b) Scalable Cloud**
- c) Private Cloud
- d) Hybrid Cloud

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- All
- Personalized
- None

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- a) Public Cloud
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