

[Home](#)

[AZ-900: Microsoft Azure Fundamentals Original Practice Tests](#)

Leave a rating



- [Add to learning path](#)
-
- [Favorite this course](#)
- [Archive this course](#)
-
- ☒ New announcement emails
-
- [Unenroll from course](#)

AZ-900 Practice Test B - Results

Return to review



Attempt 1

All knowledge areas

- [All knowledge areas](#)
- [Benefits of cloud services](#)
- [Azure management tools](#)
- [Core Azure components](#)
- [Azure governance methodologies](#)
- [Azure subscriptions](#)
- [Core Azure solutions](#)
- [Secure Azure Networking](#)
- [IaaS PaaS and SaaS](#)
- [Azure SLAs](#)
- [Service lifecycle in Azure](#)
- [Azure Identity services](#)
- [Public Private and Hybrid cloud](#)
- [Azure costs](#)
- [Security tools and features](#)
- [Monitoring and reporting](#)
- [Support options](#)
- [Core Azure products](#)
- [Privacy and compliance](#)

All
questions

- [All questions](#)
- [Correct](#)
- [Incorrect](#)
- [Skipped](#)
- [Marked for review](#)

Question 1: Skipped

What is the concept of being able to get your applications and data running in another environment quickly?

- ☐

Reproducible deployments

- ☐

Business Continuity / Disaster Recovery (BC/DR)
(Correct)

- ☐

Azure Devops

- ☐ Azure Blueprint

Explanation

Disaster Recovery - the ability to recover from a big failure within an acceptable period of time, with an acceptable amount of data lost

Question 2: Skipped

Which free Azure security service checks all traffic travelling over a subnet against a set of rules before allowing it in, or out.

- ☐ Azure DDoS Protection
- ☐ Network Security Group
(Correct)
- ☐ Advanced Threat Protection (ATP)
- ☐ Azure Firewall

Explanation

Network Security Group (NSG) - a fairly basic set of rules that you can apply to both inbound traffic and outbound traffic that lets you specify what sources, destinations and ports are allowed to travel through from outside the virtual network to inside the virtual network

Question 3: Skipped

What is the Azure SLA for two or more Virtual Machines in an Availability Set?

- ☐ 100%
- ☐ 99.99%
- ☐ 99.95%
(Correct)
- ☐ 99.90%

Explanation

99.95%

Question 4: Skipped

Approximately how many regions does Azure have around the world?

- ☐ 54
(Correct)
- ☐ 25
- ☐ 10
- ☐ 100

Explanation

There are 54 Azure regions currently, in 10 geographies

Question 5: Skipped

What is the new data privacy and information protection regulation that took effect across Europe in May 2018?

- ☐ FedRAMP
- ☐ ISO 9001:2015
- ☐ PCI DSS
- ☐ GDPR
(Correct)

Explanation

The General Data Protection Regulation (GDPR) took effect in Europe in May 2018.

Question 6: Skipped

What would be a good reason to have multiple Azure subscriptions?

- ☐

There is one person/credit card paying for resources, and only one person who logs into Azure to manage the resources, but you want to be able to know which resources are used for which client project.

- ☐

There is one person/credit card paying for resources, but many people who have accounts in Azure, and you need to separate out resources between clients so that there is absolutely no chance of resources being exposed between them.
(Correct)

Explanation

Having multiple subscriptions can technically be done for any reason, but it only makes sense if you have to separate billing directly, or have actual clients logging into the Portal to manage their resources.

Question 7: Skipped

Where do you go within the Azure Portal to find all of the third-party virtual machine and other offers?

- ☐

Choose an image when creating a VM

- ☐

Bing

- ☐

Azure mobile app

- ☐

Azure Marketplace

(Correct)

Explanation

Azure Marketplace contains thousands of services you can rent within the cloud

Question 8: Skipped

What is the benefit of using a command line tool like Powershell or CLI as opposed to the Azure portal?

- ☐

Cheaper

- ☐

Quicker to deploy VMs

- ☐

Automation

(Correct)

Explanation

The real benefit is automation. Being able to write a script to do something is better than having to do it manually each time.

Question 9: Skipped

What two types of DDoS protection services does Azure provide? Select two.

- ☐

Premium

- ☐

Standard

(Correct)

- ☐

Advanced

- ☐

Basic

(Correct)

Explanation

Azure DDoS Protection Basic is free, while you can upgrade to Standard for a fee.

Question 10: Skipped

Why is Azure App Services considered Platform as a Service?

- ☐ You can decide on what type of virtual machine it runs - A-series, or D-series, or even H-series
- ☐ Azure App Services is not PaaS, it's Software as a Service.
- ☐ You are responsible for keeping the operating system up to date with the latest patches
- ☐ You give Azure the code and configuration, and you have no access to the underlying hardware

(Correct)

Explanation

You give Azure the code and configuration, and you have no access to the underlying hardware

Question 11: Skipped

What does it mean if a service is in Public Preview mode?

- ☐ You have to apply to get selected in order to use that service
- ☐ Anyone can use the service for any reason
- ☐ The service is generally available for use, and Microsoft will provide support for it
- ☐ Anyone can use the service but it must not be for production use

(Correct)

Explanation

Public Preview is for anyone to use, but it is not supported nor guaranteed to continue to be available

Question 12: Skipped

What does it mean if a service is in General Availability (GA) mode?

- ☐ Anyone can use the service but it must not be for production use
- ☐ You have to apply to get selected in order to use that service
- ☐ The service is generally available for use, and Microsoft will provide support for it
- ☐ Anyone can use the service for any reason

(Correct)

Explanation

Anyone can use a GA service. It is fully supported and can be used for production.

Question 13: Skipped

What is one way to increase the security of a traditional user id and password system?

- ☐ Require users to change their passwords more frequently.
(Correct)
- ☐ Do not allow users to log into an application except using a company registered device.
(Correct)
- ☐ Use multi-factor authentication which requires an additional device (something you have) to verify identity.
(Correct)
- ☐ Require longer and more complex passwords.
(Correct)

Explanation

All of these are ways to increase the security on an account.

Question 14: Skipped

What is the concept of paired regions?

- ☐ When you deploy your code to one region of the world, it is automatically deployed to the paired region as an emergency backup.
- ☐ Each region of the world has one other region, usually in a completely separate country and geography, where it makes the most sense to place your backups. Like East US 2 is paired with South Korea.
- ☐ Each region in the world has at least one other region in which it shares an extremely high speed connection, and where there is coordinated action by Azure not to do anything that will bring them both down at the same time.
(Correct)
- ☐ Azure employees in those regions sometimes go on picnics together.

Explanation

Paired regions are usually in the same geo (not always) but are the most logical place to store backups because they have a high speed connection and Azure staggers the service updates to those regions.

Question 15: Skipped

Which of the following is not an example of Infrastructure as a Service?

- ☐ Virtual Machine
- ☐ SQL Server in a VM
- ☐ Virtual Network
- ☐ Virtual Machine Scale Sets
- ☐ Azure SQL Database
(Correct)

Explanation

With Azure SQL Database, the infrastructure is not in your control

Question 16: Skipped

True or false: Azure charges for bandwidth used "inbound" to Azure

- ☐ FALSE
(Correct)
- ☐ TRUE

Explanation

Ingress bandwidth is free. You pay for egress (outbound).

Question 17: Skipped

Which of the following elements is considered part of the "perimeter" layer of security?

- ☐ Locks on the data center doors
- ☐ Keep operating systems up to date with patches
- ☐ Separate servers into distinct subnets by role
- ☐ Use a firewall
(Correct)

Explanation

Firewall is part of the perimeter security

Question 18: Skipped

Besides Azure Service Health, where else can you find out any issues that affect the Azure global network that affect you?

- ☐ Azure Updates Blog
- ☐ Azure will email you
- ☐ Install the Azure app on your phone
- ☐ Each Virtual Machine has a Resource Health blade (Correct)

Explanation

Each Virtual Machine has a Resource Health blade

Question 19: Skipped

What does ARM stand for in Azure?

- ☐ Azure Resource Manager (Correct)
- ☐ Account Resource Manager
- ☐ Advanced RISC Machine
- ☐ Availability, Reliability, Maintainability

Explanation

Azure Resource Manager (ARM) - this is the common resource deployment model that underlies all resource creation or modification; no matter whether you use the portal, powershell or the SDK, the Azure Resource Manager takes those commands and executes them

Question 20: Skipped

Each person has their own user id and password to log into Azure. But how many subscriptions can a single account be associated with?

- ☐ No limit (Correct)
- ☐ One
- ☐ 250 per region
- ☐ 10

Explanation

There is not a limit to the number of subscriptions a single user can be included on.

Question 21: Skipped

What is the service level agreement for two or more Azure Virtual Machines that have been manually placed into different Availability Zones in the same region?

- ☐ 99.90%
- ☐ 99.95%
- ☐ 100%
- ☐ 99.99% (Correct)

Explanation

99.99%

Question 22: Skipped

How many regions does Azure have in Brazil?

- ☐ 0
- ☐ 2
- ☒ 1
(Correct)
- ☐ 4

Explanation

There is only 1 region in Brazil. It is paired with a region in the United States.

Question 23: Skipped

Which tool within Azure is comprised of : Azure Status, Service Health and Resource Health?

- ☐ Azure Dashboard
- ☐ Azure Advisor
- ☒ Azure Service Health
(Correct)
- ☐ Azure Monitor

Explanation

Azure Service Health - lets you know about any Azure-related service issues including region-wide downtime

Question 24: Skipped

What is the concept of Big Data?

- ☐ A set of Azure services that allow you to use execute code in the cloud but don't require (or even allow) you to manage the underlying server
- ☐ An extremely large set of data that you want to ingest and do analysis on; traditional software like SQL Server cannot handle Big Data as efficiently as specialized products
(Correct)
- ☐ A form of artificial intelligence (AI) that allows systems to automatically learn and improve from experience without being explicitly programmed.
- ☐ A small sensor or other device that constantly sends it's status and other data to the cloud

Explanation

Big Data - a set of open source (Apache Hadoop) products that can do analysis on millions and billions of rows of data; current tools like SQL Server are not good for this scale

Question 25: Skipped

Which of the following is a good example of a Hybrid cloud?

- ☐ Your users are inside your corporate network but your applications and data are in the cloud.
- ☐ A server runs in your own environment, but places files in the cloud so that it can extend the amount of storage it has access to.
(Correct)
- ☐ Your code is a mobile app that runs on iOS and Android phones, but it uses a database in the cloud.
- ☐

Technology that allows you to grow living tissue on top of an exoskeleton, making Terminators impossible to spot among humans.

Explanation

Hybrid Cloud - A mixture between your own private networks and servers, and using the public cloud for some things. Typically used to

take advantage of the unlimited, inexpensive growth benefits of the public cloud.

Question 26: Skipped

Which of the following cloud computing models requires the highest level of involvement in maintaining the operating system and file system by the customer?

- ☐ FaaS
- ☐ IaaS
(Correct)
- ☐ SaaS
- ☐ PaaS

Explanation

IaaS or Infrastructure as a service requires you to keep your OS patched, close ports, and generally protect your own server

Question 27: Skipped

What is the minimum charge for having an Azure Account each month, even if you don't use any resources?

- ☐ \$200
- ☐ Negotiated with your enterprise manager
- ☐ \$1
- ☐ \$0
(Correct)

Explanation

An Azure account can cost nothing if you don't use any resources or only use free resources

Question 28: Skipped

What types of files can a Content Delivery Network speed up the delivery of?

- ☐ Videos
(Correct)
- ☐ Images
(Correct)
- ☐ JavaScript files
(Correct)
- ☐ PDFs
(Correct)

Explanation

All of them. Any static file that doesn't change.

Question 29: Skipped

What Azure product allows you to autoscale virtual machines from 1 to 1000 instances, and also provides load balancing services built in?

- ☐ Azure App Services
- ☐ Virtual Machine Scale Sets
(Correct)
- ☐ Application Gateway
- ☐ Azure Virtual Machines

Explanation

Virtual Machine Scale Sets - these are a set of identical virtual machines (from 1 to 1000 instances) that are designed to auto-scale up and down based on user demand; IaaS

Question 30: Skipped

If you are a US federal, state, local, or tribal government entities and their solution providers, which Azure option should you be looking to register for?

- ☒ Azure Government
(Correct)
- ☐ Azure Department of Defence
- ☐ Azure Public Portal
- ☐ Azure is not available for government officials

Explanation

Hopefully, it's clear that US Federal, State, Local and Tribal governments can use the US Government portal

Question 31: Skipped

What is the concept of Availability?

- ☒ The percentage of time a system responds properly to requests, expressed as a percentage over time
(Correct)
- ☐ A system that has a single point of failure
- ☐ A system that can scale up and scale down depending on customer demand
- ☐ A system must have 100% uptime to be considered available

Explanation

Availability - what percentage of time does a system respond properly to requests, expressed as a percentage over time

Question 32: Skipped

Which of the following is considered a downside to using Capital Expenditure (CapEx)?

- ☐ You can deduct expenses as they occur
- ☒ You must wait over a period of years to depreciate that investment on your taxes
(Correct)
- ☐ It does not require a lot of up front money
- ☐ You are not guaranteed to make a profit

Explanation

One of the downsides of CapEx is that the money invested cannot be deducted immediately from your taxes

Question 33: Skipped

Which of the following is not a feature of Azure Functions?

- ☐ Can possibly cost you nothing as there is a generous free tier
- ☐ Can edit the code right in the Azure Portal using a code editor
- ☒ Designed for backend batch applications that are continuously running
(Correct)
- ☐ Can trigger the function based off of Azure events such as a new file being saved to a storage account blob container

Explanation

Functions are designed for short pieces of code that start and end quickly.

Question 34: Skipped

What database service is specifically designed to be extremely fast in responding to requests for small amounts of data (called low latency)?

- ☐ SQL Server in a VM
- ☐ SQL Data Warehouse
- ☐ Cosmos DB
(Correct)
- ☐ SQL Database

Explanation

Cosmos DB - extremely low latency (fast) storage designed for smaller pieces of data quickly; SaaS

Question 35: Skipped

What is the maximum amount of Azure Storage space a single subscription can store?

- ☐ Virtually unlimited
(Correct)
- ☐ 500 GB
- ☐ 5 PB
- ☐ 2 TB

Explanation

A single Azure subscription can have up to 250 storage accounts per region, and each storage account can store up to 5 Petabytes. That is 31 million Terabytes. This is probably 15-20 times what Google, Amazon, Microsoft and Facebook use combined. That's a lot.

Question 36: Skipped

What makes estimating the cost of an unmanaged storage account difficult?

- ☐ There is no way to predict the amount of data in the account
- ☐ You are charged for data leaving Azure, and it's difficult to predict that
(Correct)
- ☐ The cost of storage changes frequently
- ☐ You are charged for data coming into Azure, and it's difficult to predict that

Explanation

There is a cost for egress (bandwidth out) and it's hard to estimate how many bytes will be counted leaving an Azure network

Question 37: Skipped

In what way does Multi-Factor Authentication increase the security of a user account?

- ☐ It requires users to be approved before they can log in for the first time.
- ☐ It requires users to provide a fingerprint or other biometric identification.
- ☐ It requires the user to possess something like their phone to read an SMS or use a mobile app.
(Correct)
- ☐ It doesn't. Multi-Factor Authentication is more about access and authentication than account security.

Explanation

MFA requires that the user have access to their mobile phone for using SMS or an app.

Question 38: Skipped

Application Gateway contains what additional optional security feature over a regular Load Balancer?

- ☐ Advanced DDoS Protection
- ☐ Multi-Factor Authentication
- ☐ Azure AD Advanced Information Protection
- ☐ Web Application Firewall (or WAF)
(Correct)

Explanation

Application Gateways also comes with an optional Web Application Firewall (or WAF) as a security benefit

Question 39: Skipped

What are the two ways you can get support if you are on a Standard support plan? Choose two.

- ☐ Whatsapp
- ☐ In Person
- ☐ Skype message
- ☐ Email
(Correct)
- ☐ Chat
- ☐ Phone call
(Correct)

Explanation

Support is provided by phone and email

Question 40: Skipped

Why is user id and password sometimes not enough to prove someone is who they say they are?

- ☐ Passwords are usually easy to forget
- ☐ Some people might choose the same user id and password
- ☐ Passwords must be encrypted before being stored
- ☐ User id and password can be used by anyone such as a co-worker, ex-employee or hacker half-way around the world
(Correct)

Explanation

The truth is that someone can find a way to get a user id and password, even guess it, and that can be used by another person.

Question 41: Skipped

Which Azure service is the recommended Identity-as-a-Service offering inside Azure?

- ☐ Identity and Access Management (IAM)
- ☐ Azure Portal
- ☐ Azure Front Door
- ☐ Azure Active Directory (AD)
(Correct)

Explanation

Azure AD is the identity service designed for web protocols, that you can use for your applications.

Question 42: Skipped

What is a benefit of economies of scale?

- ☐ Big companies don't need to make a profit on the first product they sell you, because they will make a profit on the second
- ☐ Big companies don't need to make a profit on every sale
- ☐ Prices of cloud servers and services are always going down. It'll be cheaper next year than it is this year.
- ☐ The more you buy of something, the cheaper it is for you
(Correct)

Explanation

Economies of Scale - the more of an item that you buy, the cheaper it is per unit

Question 43: Skipped

Within the context of privacy and compliance, what does the acronym ISO stand for, in English?

- ☐ International Organization for Standardization
(Correct)
- ☐ Intelligence and Security Office
- ☐ Instead of
- ☐ Information Systems Officer

Explanation

ISO is a standards body, International Organization for Standardization

Question 44: Skipped

How do you get access to services in Private Preview mode?

- ☐ They are available in the marketplace. You simply use them.
- ☐ You must apply to use them.
(Correct)
- ☐ You must agree to a terms of use first.
- ☐ You cannot use private preview services.

Explanation

Private Preview means you must apply to use them.

Question 45: Skipped

True or false: Azure Cloud Shell allows access to the CLI and Powershell consoles in the Azure Portal

- ☐ FALSE
- ☐ TRUE
(Correct)

Explanation

Cloud Shell - allows access to the CLI and Powershell consoles in the Azure Portal

Question 46: Skipped

In which US state is the East US 2 region?

- ☐ California
- ☐ Texas
- ☐ Virginia
(Correct)
- ☐ Iowa

Explanation

East US 2 is in the Eastern state of Virginia, close to Washington DC

Question 47: Skipped

What is the benefit of using Powershell over CLI?

- ☐ Cheaper
- ☐ No benefit, it's the same
(Correct)
- ☐ Quicker to deploy VMs
- ☐ More powerful commands

Explanation

There is no benefit, only a matter of personal choice.

Question 48: Skipped

What Azure resource allows you to evenly split traffic coming in and direct it to several identical virtual machines to do the work and respond to the request?

- ☐ Virtual Network
- ☐ Azure App Services
- ☐ Azure Logic Apps
- ☐ Load Balancer or Application Gateway
(Correct)

Explanation

This is the core feature of either a Load Balancer or Application Gateway

Question 49: Skipped

Windows servers use "remote desktop protocol" (RDP) in order for administrators to get access to manage the server. Linux servers use SSH. What is the recommendation for ensuring the security of these protocols?

- ☐ Disable RDP access using the Windows Services control panel admin tool
- ☐ Do not allow public Internet access over the RDP and SSH ports directly to the server. Instead use a secure server like Bastion to control access to the servers behind.
(Correct)
- ☐ Ensure strong passwords on your Windows admin accounts
- ☐ Do not enable SSH access for Linux servers

Explanation

You need to either control access to the RDP and SSH ports to a very specific range of IPs, enable the ports only when you are using it, or use a Bastion server/jump box to protect those servers.

Question 50: Skipped

Which of the following scenarios would Azure Policy be a recommended method for enforcement?

- ☐ Allow only one specific roles of users to have access to a resource group
- ☐ Add an additional prompt when creating a resource without a specific tag to ask the user if they are really sure they want to continue?
- ☐ Prevent certain Azure Virtual Machine instance types from being used in a resource group
(Correct)
- ☐ Require a virtual machine to always update to the latest security patches

Explanation

Azure Policy can add restrictions on storage account SKUs, virtual machine instance types, and rules relating to tagging of resources and groups. It cannot prompt a user to ask them if they are sure.

Continue

Retake test

Course content

- [Course content](#)
- [Overview](#)
- [Q&A](#)
- [Bookmarks](#)
- [Announcements](#)

About this course

Three complete timed practice tests for AZ-900 Azure Fundamentals exam, 150 questions, 100% original material

By the numbers

Skill level: Beginner Level

Students: 3637

Languages: English

Captions: No

Description

LEARN THE FUNDAMENTALS OF AZURE IN ONE DAY!

Brand new practice tests for the AZ-900 Azure Fundamentals exam. Three separate timed tests of 50 questions each. 150 questions total. All original material not found anywhere else.

If you're not sure if you are ready to take the AZ-900 exam, these practice test can test your knowledge. If you find something that you don't know, you can study a bit more on that area. Course based on the contents of my **AZ-900: Microsoft Azure Fundamentals Exam Prep In One Day** video course, but that course is not required to get this one. If you just want to test your knowledge, try to pass these timed tests.

Microsoft Azure is still the fastest growing large cloud platform. The opportunities for jobs in cloud computing are still out there, and finding good qualified people is the #1 problem that businesses have.

If you're looking to change your career, this would be a good entry point into cloud computing.

Sign up today!

Updates:

Nov 15, 2019 - Spelling fixes in all tests

What you'll learn

+ See more



Copyright © 2020 Udemy, Inc.

- [Udemy app](#)
- [About us](#)
- [Privacy Policy](#)
- [Terms](#)
- [Help and Support](#)
- [Sitemap](#)

English

- [English](#)
- [Deutsch](#)
- [Español](#)
- [日本語](#)
- [Português](#)
- [Français](#)

×Close alert