**AZ-900 Practice Test B - Results**

Back to result overview

**New**

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**Attempt 2**

All domains

* 50 all
* 37 correct
* 13 incorrect
* 0 skipped
* 0 marked

Collapse all questions

**Question 1Incorrect**

Select all features part of Azure AD?

**Correct selection**

**Device Management**

**Your selection is correct**

**Smart lockout**

**Correct selection**

**Custom banned password list**

**Your selection is incorrect**

**Log Alert Rule**

**Your selection is correct**

**Single sign-on**

Overall explanation

The Log Alert Rule is not a feature of Azure AD.

See: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis#which-features-work-in-azure-ad>

**Domain**

Azure Identity services

**Question 2Correct**

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?

**Ensure strong passwords on your Windows admin accounts**

**Your answer is correct**

**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.**

**Do not enable SSH access for Linux servers**

**Disable RDP access using the Windows Services control panel admin tool**

Overall 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.

For more info: <https://docs.microsoft.com/en-us/azure/bastion/bastion-overview>

**Domain**

Security tools and features

**Question 3Incorrect**

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

**Correct answer**

**Cosmos DB**

**SQL Server in a VM**

**Your answer is incorrect**

**SQL Database**

**SQL Data Warehouse**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/cosmos-db/>

**Domain**

Core Azure solutions

**Question 4Correct**

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

**Negotiated with your enterprise manager**

**$200**

**Your answer is correct**

**$0**

**$1**

Overall explanation

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

For more info: <https://azure.microsoft.com/en-us/pricing/>

**Domain**

Support options

**Question 5Correct**

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**

**Your answer is correct**

**Use a firewall**

**Separate servers into distinct subnets by role**

Overall explanation

Firewall is part of the perimeter security

For more information on the layered approach to network security: <https://docs.microsoft.com/en-us/learn/modules/intro-to-security-in-azure/5-network-security>

**Domain**

Security tools and features

**Question 6Correct**

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

**Your answer is correct**

**FALSE**

**TRUE**

Overall explanation

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

For more info: <https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

**Domain**

Azure costs

**Question 7Incorrect**

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

**500 GB**

**Correct answer**

**Virtually unlimited**

**2 TB**

**Your answer is incorrect**

**5 PB**

Overall 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.

For more info: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/azure-subscription-service-limits#storage-limits>

**Domain**

Core Azure solutions

**Question 8Incorrect**

What is the benefit of using Powershell over CLI?

**Your answer is incorrect**

**More powerful commands**

**Cheaper**

**Quicker to deploy VMs**

**Correct answer**

**No benefit, it's the same**

Overall explanation

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

For more info on Azure CLI: <https://docs.microsoft.com/en-us/cli/azure/what-is-azure-cli?view=azure-cli-latest>

For more info on Azure Powershell: <https://docs.microsoft.com/en-us/powershell/azure/?view=azps-4.5.0>

**Domain**

Azure management tools

**Question 9Correct**

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

**Your answer is correct**

**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**

Overall explanation

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

For more info: <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>

**Domain**

Azure SLAs

**Question 10Correct**

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

**Virtual Network**

**Virtual Machine Scale Sets**

**SQL Server in a VM**

**Virtual Machine**

**Your answer is correct**

**Azure SQL Database**

Overall explanation

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

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

**Domain**

IaaS PaaS and SaaS

**Question 11Incorrect**

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

**It does not require a lot of up front money**

**Correct answer**

**You must wait over a period of years to depreciate that investment on your taxes**

**You are not guaranteed to make a profit**

**Your answer is incorrect**

**You can deduct expenses as they occur**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/learn/modules/principles-cloud-computing/3c-capex-vs-opex>

**Domain**

Benefits of cloud services

**Question 12Incorrect**

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

**Can edit the code right in the Azure Portal using a code editor**

**Can possibly cost you nothing as there is a generous free tier**

**Your answer is incorrect**

**Can trigger the function based off of Azure events such as a new file being saved to a storage account blob container**

**Correct answer**

**Designed for backend batch applications that are continuously running**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/azure-functions/>

**Domain**

Core Azure products

**Question 13Incorrect**

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

**Correct answer**

**Automation**

**Your answer is incorrect**

**Quicker to deploy VMs**

**Cheaper**

Overall 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.

For more info on Azure CLI: <https://docs.microsoft.com/en-us/cli/azure/what-is-azure-cli?view=azure-cli-latest>

For more info on Azure Powershell: <https://docs.microsoft.com/en-us/powershell/azure/?view=azps-4.5.0>

**Domain**

Azure management tools

**Question 14Correct**

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

**Your answer is correct**

**TRUE**

**FALSE**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/cloud-shell/overview>

**Domain**

Azure management tools

**Question 15Incorrect**

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

**Your answer is incorrect**

**Azure will email you**

**Install the Azure app on your phone**

**Correct answer**

**Each Virtual Machine has a Resource Health blade**

**Azure Updates Blog**

Overall explanation

Each Virtual Machine has a Resource Health blade

For more info: <https://docs.microsoft.com/en-us/azure/service-health/resource-health-overview>

**Domain**

Monitoring and reporting

**Question 16Incorrect**

What is the concept of paired regions?

**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.**

**Correct answer**

**Each region in the world has at least one other region in which is 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.**

**Your answer is incorrect**

**When you deploy your code to one region of the world, it is automatically deployed to the paired region as an emergency backup.**

**Azure employees in those regions sometimes go on picnics together.**

Overall 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.

For more info: <https://docs.microsoft.com/en-us/azure/best-practices-availability-paired-regions>

**Domain**

Public Private and Hybrid cloud

**Question 17Correct**

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

**Your answer is correct**

**Azure Active Directory (AD)**

**Azure Front Door**

**Azure Portal**

**Identity and Access Management (IAM)**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis>

**Domain**

Security tools and features

**Question 18Correct**

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

**Azure mobile app**

**Your answer is correct**

**Azure Marketplace**

**Choose an image when creating a VM**

**Bing**

Overall explanation

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

For more info: <https://azuremarketplace.microsoft.com/en-us>

**Domain**

Core Azure solutions

**Question 19Correct**

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**

**Prices of cloud servers and services are always going down. It'll be cheaper next year than it is this year.**

**Big companies don't need to make a profit on every sale**

**Your answer is correct**

**The more you buy of something, the cheaper it is for you**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/learn/modules/principles-cloud-computing/3b-economies-of-scale>

**Domain**

Benefits of cloud services

**Question 20Correct**

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

**Advanced DDoS Protection**

**Azure AD Advanced Information Protection**

**Multi-Factor Authentication**

**Your answer is correct**

**Web Application Firewall (or WAF)**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview>

**Domain**

Secure Azure Networking

**Question 21Correct**

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**

**Your answer is correct**

**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**

**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**

Overall 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

For more info: <https://docs.microsoft.com/en-us/azure/architecture/guide/architecture-styles/big-data>

**Domain**

Core Azure solutions

**Question 22Incorrect**

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

**You cannot use private preview services.**

**You must agree to a terms of use first.**

**Correct answer**

**You must apply to use them.**

**Your answer is incorrect**

**They are available in the marketplace. You simply use them.**

Overall explanation

Private Preview means you must apply to use them.

For more info: <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>

**Domain**

Service lifecycle in Azure

**Question 23Incorrect**

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

**Your selection is incorrect**

**DDoS Premium Protection**

**Your selection is correct**

**DDoS Network Protection**

**Your selection is incorrect**

**DDoS Advanced Protection**

**Your selection is correct**

**DDoS IP Protection**

Overall explanation

Azure DDoS Protection offers two types of DDoS protection services:

* **Network Protection** protects against volumetric attacks that target the network infrastructure. This type of protection is available for all Azure resources that are deployed in a virtual network.
* **IP Protection** protects against volumetric and protocol-based attacks that target specific public IP addresses. This type of protection is available for public IP addresses that are not deployed in a virtual network.

For more info: <https://docs.microsoft.com/en-us/azure/virtual-network/ddos-protection-overview>

**Domain**

Secure Azure Networking

**Question 24Correct**

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

**It doesn't. Multi-Factor Authentication is more about access and authentication than account security.**

**It requires single sign-on functionality**

**Your answer is correct**

**It requires the user to possess something like their phone to read an SMS, use a mobile app, or biometric identification.**

**It requires users to be approved before they can log in for the first time.**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-mfa-howitworks>

**Domain**

Azure Identity services

**Question 25Correct**

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?

**Azure Logic Apps**

**Virtual Network**

**Your answer is correct**

**Load Balancer or Application Gateway**

**Azure App Services**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

**Domain**

Core Azure products

**Question 26Correct**

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.**

**Your answer is correct**

**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.**

Overall 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.

For more info: <https://docs.microsoft.com/en-us/microsoft-365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings?view=o365-worldwide>

**Domain**

Azure subscriptions

**Question 27Correct**

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**

**Advanced Threat Protection (ARP)**

**Azure Firewall**

**Your answer is correct**

**Network Security Group**

Overall 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

For more info: <https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>

**Domain**

Azure management tools

**Question 28Correct**

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

**You have to apply to get selected in order to use that service**

**The service has now reached public preview, and Microsoft will provide support for it**

**Your answer is correct**

**Anyone can use the service for any reason**

**Anyone can use the service but it must not be for production use**

Overall explanation

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

For more info: <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>

**Domain**

Service lifecycle in Azure

**Question 29Correct**

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

**Your code is a mobile app that runs on iOS and Android phones, but it uses a database in the cloud.**

**Your users are inside your corporate network but your applications and data are in the cloud.**

**Your answer is correct**

**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.**

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

Overall 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.

For more info: <https://azure.microsoft.com/en-us/overview/what-is-hybrid-cloud-computing/>

**Domain**

Public Private and Hybrid cloud

**Question 30Correct**

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

**99.99%**

**Your answer is correct**

**99.95%**

**99.90%**

**100%**

Overall explanation

99.95%

For more info: <https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/>

**Domain**

Core Azure components

**Question 31Correct**

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 Department of Defence**

**Your answer is correct**

**Azure Government**

**Azure Public Portal**

**Azure is not available for government officials**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/azure-government/documentation-government-welcome>

**Domain**

Privacy and compliance

**Question 32Correct**

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

**PCI DSS**

**FedRAMP**

**ISO 9001:2015**

**Your answer is correct**

**GDPR**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/microsoft-365/compliance/gdpr?view=o365-worldwide>

**Domain**

Azure governance methodologies

**Question 33Correct**

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**

**Your answer is correct**

**Prevent certain Azure Virtual Machine instance types from being used in a resource group**

**Require a virtual machine to always update to the latest security patches**

**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?**

Overall 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.

For more info: <https://docs.microsoft.com/en-us/azure/governance/policy/overview>

**Domain**

Azure governance methodologies

**Question 34Correct**

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

**Your answer is correct**

**No limit**

**One**

**10**

**250 per region**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/azure-subscription-service-limits>

**Domain**

Azure subscriptions

**Question 35Correct**

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

**Your answer is correct**

**You are charged for data leaving Azure, and it's difficult to predict that**

**The cost of storage changes frequently**

**You are charged for data coming into Azure, and it's difficult to predict that**

**There is no way to predict the amount of data in the account**

Overall 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

For more info: <https://azure.microsoft.com/en-us/pricing/details/storage/page-blobs/>

**Domain**

Azure costs

**Question 36Correct**

Why is Azure App Services considered Platform as a Service?

**Your answer is correct**

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

**You can decide on what type of virtual machine it runs - A-series, or D-series, or even H-series**

**You are responsible for keeping the operating system up to date with the latest patches**

**Azure App Services is not PaaS, it's Software as a Service.**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/app-service/overview>

**Domain**

IaaS PaaS and SaaS

**Question 37Correct**

What is the concept of Availability?

**A system that can scale up and scale down depending on customer demand**

**Your answer is correct**

**The percentage of time a system responds properly to requests, expressed as a percentage over time**

**A system must have 100% uptime to be considered available**

**A system that has a single point of failure**

Overall explanation

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

For more information on region and availability zones see: <https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

For more information on availability options for virtual machines see: <https://docs.microsoft.com/en-us/azure/virtual-machines/availability>

**Domain**

Benefits of cloud services

**Question 38Correct**

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**

**SaaS**

**Your answer is correct**

**IaaS**

**PaaS**

Overall explanation

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

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

**Domain**

IaaS PaaS and SaaS

**Question 39Correct**

In which US state is the East US 2 region?

**Your answer is correct**

**Virginia**

**California**

**Iowa**

**Texas**

Overall explanation

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

For more info: <https://azure.microsoft.com/en-us/global-infrastructure/data-residency/>

**Domain**

Core Azure components

**Question 40Correct**

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

**Information Systems Officer**

**Your answer is correct**

**International Organization for Standardization**

**Intelligence and Security Office**

**Instead of**

Overall explanation

ISO is a standards body, International Organization for Standardization

For more info: <https://www.iso.org/about-us.html>

**Domain**

Privacy and compliance

**Question 41Correct**

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

**Your selection is correct**

**Videos**

**Your selection is correct**

**Images**

**Your selection is correct**

**JavaScript files**

**Your selection is correct**

**PDFs**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/cdn/cdn-overview>

**Domain**

Core Azure products

**Question 42Correct**

How many regions does Azure have in Brazil?

**Your answer is correct**

**1**

**2**

**0**

**4**

Overall explanation

There is 1 region in Brazil.

For more info: <https://azure.microsoft.com/en-us/global-infrastructure/geographies/>

**Domain**

Core Azure components

**Question 43Incorrect**

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

**Azure Devops**

**Your answer is incorrect**

**Azure Blueprint**

**Correct answer**

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

**Reproducible deployments**

Overall explanation

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

For more info on Backup and Disaster Recovery: <https://azure.microsoft.com/en-us/solutions/backup-and-disaster-recovery/>

For more info on Azure’s built-in disaster recovery as a service (DRaaS): <https://azure.microsoft.com/en-us/services/site-recovery/>

**Domain**

Benefits of cloud services

**Question 44Incorrect**

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

**Your answer is incorrect**

**Azure Dashboard**

**Correct answer**

**Azure Service Health**

**Azure Monitor**

**Azure Advisor**

Overall explanation

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

For more info: <https://docs.microsoft.com/en-us/azure/service-health/>

**Domain**

Monitoring and reporting

**Question 45Correct**

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

**Azure Virtual Machines**

**Application Gateway**

**Azure App Services**

**Your answer is correct**

**Virtual Machine Scale Sets**

Overall 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

For more info: <https://azure.microsoft.com/en-us/services/virtual-machine-scale-sets/>

**Domain**

Core Azure products

**Question 46Correct**

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%**

**100%**

**Your answer is correct**

**99.99%**

**99.95%**

Overall explanation

99.99%

For more info: <https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/>

**Domain**

Azure SLAs

**Question 47Correct**

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

**Passwords must be encrypted before being stored**

**Some people might choose the same user id and password**

**Passwords are usually easy to forget**

**Your answer is correct**

**User id and password can be used by anyone such as a co-worker, ex-employee or hacker half-way around the world**

Overall 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.

For more information on other ways to prove self-identification such as Multi-Factor Authentication: <https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-mfa-howitworks>

**Domain**

Azure Identity services

**Question 48Correct**

Select the way(s) to increase the security of a traditional user id and password system?

**Your selection is correct**

**Use multi-factor authentication which requires an additional device (something you have) to verify identity.**

**Your selection is correct**

**Require users to change their passwords more frequently.**

**Your selection is correct**

**Require longer and more complex passwords.**

**Your selection is correct**

**Do not allow users to log into an application except using a company registered device.**

Overall explanation

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

For more info:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-password-ban-bad>

<https://docs.microsoft.com/en-us/azure/active-directory-domain-services/password-policy>

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-sspr-policy>

**Domain**

Azure Identity services

**Question 49Correct**

What does ARM stand for in Azure?

**Account Resource Manager**

**Advanced RISC Machine**

**Availability, Reliability, Maintainability**

**Your answer is correct**

**Azure Resource Manager**

Overall 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

For more info: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview>

**Domain**

Core Azure components

**Question 50Correct**

Approximately how many regions does Azure have around the world?

**40**

**10**

**Your answer is correct**

**60+**

**25**

Overall explanation

There are 60+ Azure regions currently, in 10+ geographies

For more info: <https://docs.microsoft.com/en-us/azure/availability-zones/az-region>

**Domain**

Core Azure components