Final Assessment

← Back Graded Quiz • 30 min

0	Congratulation Grade received 100%	ns! You passed! Latest Submission Grade 100%	To pass 80% or higher	Go to next	t item
1.		igning an architecture that can provide H			1/1 point
	AWS service should the sol Amazon Simple Storag	n host content over the internet and serve utions architect choose to meet these red ge Service (Amazon S3) ute Cloud (Amazon EC2)		Vhich	
	You can use Amazon content. They might processing, which ca not support server-si	S3 to host a static website. On a static we also contain client-side scripts. By contra- n include server-side scripts that are write de scripting, but AWS has other resources hosting on AWS, see Web Hosting (https:/	st, a dynamic website relies on server- ten in PHP, JSP, or ASP.NET. Amazon S3 s for hosting dynamic websites. To lear	side 3 does	
	cross-Region replication ar	ons includes true statements for both Am nd AWS Key Management Service (AWS KM Region replication, both the source and de ide encryption (SSE) is possible for replica	MS)? estination buckets must belong to the		1/1 point
	To configure Amazon S the same AWS account To configure Amazon S	33 cross-Region replication, both the sour c. Server-side encryption (SSE) is not poss 33 cross-Region replication, the source an s. Server-side encryption (SSE) is possible	ce and destination buckets must belor ible for replicated objects. d destination buckets can belong to	ng to	
	○ To configure Amazon S different AWS account○ Correct	33 cross-Region replication, the source an s. Server-side encryption is not possible fo	d destination buckets can belong to or replicated objects.		
	enabled for the repli	true. Buckets can belong to different acco	Replicating objects [2].		
	structured or relational dat	tional Database Service (Amazon RDS) is ta, where users can count with features lik e for NoSQL database workloads, where t	ke auto-increment and table joins. Ama	azon	1/1 point
	○ False○ Correct○ DynamoDB is a datable	pase service for NoSQL data. It is fully man makes working with NoSQL data much ea			
		ly used to handle structured and relations			
	measured in single-digit m microseconds. For these us eventually consistent data.	gned for scale and performance. In most of illiseconds. However, there are certain us se cases, DynamoDB Accelerator (DAX) de which statements about DAX are correctional and application complexity by providing	e cases that require response times in livers fast response times for accessing ? (Choose THREE.)	3	1/1 point
	with the DynamoDB Al Correct DAX is a managed ca	PI. ching service for Amazon DynamoDB that	is compatible with the DynamoDB AP	l.	
	read intensive (that is,	is a cost, it can reduce the consumption o millions of requests per second), DAX car etter read latency, being beneficial for sce	result in cost savings by caching the c		
	on read capacity for	cache like DAX, you can offload some rea the table itself. server-side encryption (SSE).	d requests to the cache, which would s	save	
	DAX is not designed for perform much read ac	r applications that are write-intensive. It o			
	workloads.	reads because it is a caching service. How encrypting data in transit, which means to crypted.			
	Lambda runs code on a hig	is a compute service that runs code with h-availability compute infrastructure. It a ing server and operating system mainten	lso performs all the administration of		1/1 point
	● True● False✓ Correct	da can run code for virtually any type of a naged compute service that you can use t scalable manner.		a	
		ple Storage Service (Amazon S3) is better I to provide a higher level of data durabili		zon	1/1 point
		ent is not true. Throughout this course, R		he	
	customer needs to he	s no one better service, but the most appr ave access to block-level storage, Amazon ce to store static assets, Amazon S3 could another without looking at the requirem	EBS is better suited for the job. If the be better. There is no way to affirm on	e	
		s the BEST fit for the "Object, file, and blo toring data in a durable way)? now Family	ock storage" category (which means th	at the	1/1 point
	 Amazon Simple Storag Block Store (Amazon E AWS Storage Gateway, AWS Elastic Disaster Re 	AWS Snow Family	le System (Amazon EFS), Amazon Elas	tic	
	belong to the "Objec amount of data from remove files, and it re	ud Storage on AWS page, Amazon S3, Ama t, file, and block storage" category. Amazo virtually anywhere. Amazon EFS automa educes the need for management or prov mance block-storage service that is desig	on S3 is designed to store virtually any tically grows and shrinks as you add a isioning. Amazon EBS is an easy-to-us	nd e,	
		on FSx makes it easier to provide broadly riety of use cases. For more information, s			
	should be used in front of a gets delivered to customer custom SSL certificates tha	ecting a solution that can handle high den an Amazon Simple Storage Service (Amazon s, and it lets customers use custom doma at are issued by Amazon Certificate Managon e (DDoS) protection that is powered by AN	on S3) bucket. CloudFront can cache d in names. In addition, CloudFront can ger (at no additional cost) and it can pr	ata that serve	1/1 point
	 True False Correct CloudFront is a web 	service that speeds up the distribution of	static and dynamic web content (such	as	
	.html, .css, .js, and in centers that are calle with the best possibl	nage files) to users. CloudFront delivers co d edge locations. CloudFront is designed e performance. When a user requests con the edge location that provides the lowest	ontent through a worldwide network of to use edge locations to deliver content stent that is served through CloudFron	f data nt	
	_	WS Storage Gateway are correct? (Choose is a set of hybrid cloud storage services the		ıally	1/1 point
	✓ Correct You can use Storage	Gateway in on-premises environments so ces. Storage Gateway works well in hybric			
	storage hardware. AWS Storage Gateway	offers virtually unlimited cloud storage to delivers data access to on-premises appli			
	✓ Correct You can use Storage	ty capabilities of the AWS Cloud. Gateway during only the times that you nomics and security capabilities of the cl	•		
	cloud to cloud. AWS Storage Gateway	is limited to only on-premises application helps support compliance requirements t nd recovery of Volume Gateway volumes,	through integration with AWS Backup	to	
		Backup is supported by Storage Gateway can only work as an Amazon S3 File Gatev			
		using multiple AWS accounts with AWS Or ased on business purpose and ownership			1/1 point
	One of the patterns for ownership.	or organizing AWS account usage is to gro		ose or	
	Limiting the scope of i	nt methods per account mpact from adverse events accounts through AWS Organizations can	limit the scope of impact for adverse a	vents	
	by helping resources incidents.	achieve independence and isolation, and			
	rate limits across acc	ultiple AWS accounts is the ability to distri ounts, instead of everything applying to o nt root users with unrestricted access on	only one account.	est	
		trol policy (SCP) statement with an explic		t user	1/1 point
	TrueFalseCorrectSCPs govern policies	on the account level. After permissions h	ave been explicitly denied in an SCD +	ne	
12	action cannot be allo	wed. Even the root user will not be able t	o perform the denied action.		1/1 point
	that are in AWS Organization with existing identity provi	igning a solution that provides single sign ons. Which AWS service can the solutions a ders, such as Microsoft Active Directory? ss Management (IAM) users			
	AWS IAM Identity Cent AWS CloudTrail Correct	er (successor to AWS Single Sign-On)			
	IAM Identity Center is providers (IdPs). Sup	s the best candidate for this task because ported identity sources include Microsoft viders, such as Okta Universal Directory o	Active Directory Domain Services and		
	Enable Amazon Cloud	practices for multi-account environments Watch billing alarms per account and con		ations.	1/1 point
	Additionally, a featur You can provide mor	od practices because they give the archite re called Cost Anomaly Detection can be e hitoring for linked accounts in AWS Organi ause analysis if something goes wrong.	nabled in the AWS Cost Management		
	_	ess policies to developers in their develop nfiguration from being disabled in the sha			
	Preventing CloudTra helps ensure that act control policy (SCP) a example, see the foll the StopLogging and	il from being disabled in the shared service ions in the AWS accounts are logged. This and a policy that explicitly denies CloudTrowing policy, which applies an explicit de DeleteTrail actions CloudTrail: { "Version"	s action can be achieved with a service rail configurations from being disabled my to any resource to prevent issuing e ": "2012-10-17", "Statement": [{ "Actio	l. For either	
	Use multi-factor authe Center (successor to A	ing", "cloudtrail:DeleteTrail"], "Resource' ntication (MFA) for users in centralized cr WS Single Sign-On).		entity	
	multiple forms of aut	n centralized credentialing is a best pract thentication before they are granted acce implicity and ease of access.	ss to AWS resources.		
14	AdministratorAccess p	s and broad roles for Cloud Center of Exce ermissions to them. create well-defined governance standards			1/1 point
	accounts. The company ne chief information security of Amazon Elastic Compute C company intends to use AV	eds centralized infrastructure logging for officer (CISO) would like to have a measur loud (Amazon EC2) API activities if the bil VS Organizations. Which architectural sce	all AWS accounts. In addition, the com ement that applies a circuit breaker to ling alarms indicate suspicious activity	pany's stop /. The	
	 Enable AWS CloudTrai one Amazon Simple St 	l for all accounts in AWS Organizations. Us orage Service (Amazon S3) bucket. As the plicit deny for Amazon EC2 API activity. Th	circuit breaker, use service control po	licies	
	one Amazon Simple St every user in AWS IAM Enable AWS CloudTrai	I for all accounts in AWS Organizations. Use morage Service (Amazon S3) bucket. Use morage Service (Successor to AWS Single is for only the production accounts in AWS	nulti-factor authentication (MFA) device Sign-On). Organizations. Use Organizations to	es for	
	IAM Identity Center (su Enable AWS CloudTrai Amazon Simple Storag	e Amazon Simple Storage Service (Amazo iccessor to AWS Single Sign-ON). I for all accounts in AWS Organizations. Us ge Service (Amazon S3) bucket. As the circ licies on each account that have an explic	se Organizations to centralize logs in o uit breaker, use AWS Identity and Acce	ne	
	policies can then be applicated by the policies can the policies can the policies by the policies can the policies by the policies can the policies by th	oplied to the root organizational unit (OU) canizations can consolidate all AWS Cloud an create an SCP that explicitly denies An	as needed. Trail logging into one account. For the nazon EC2 API calls. The SCP can then		
	αρριι ε α at any level i	n the organizational structure by using AV	8411124UUIIS.		