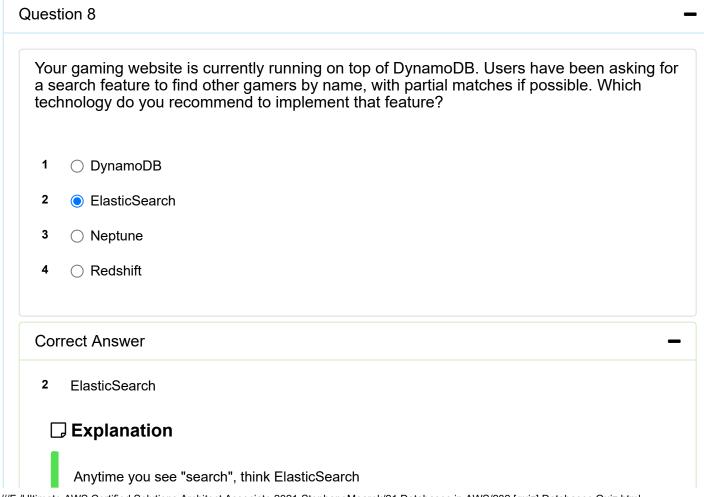


	would like to store big objects of 100 MB into a reliable and durable Key Value store.
/ha	at do you recommend?
l	○ Athena
2	
3	○ DynamoDB
1	○ ElastiCache
or	rect Answer
2	S3
Г.	Explanation
	S3 is indeed a key value store! (where the key is the full path of the object in the bucket)
est	S3 is indeed a key value store! (where the key is the full path of the object in the bucket)
est	S3 is indeed a key value store! (where the key is the full path of the object in the bucket) ion 6 would like to have a database which is efficient at performing analytical queries on e sets of columnar data. You would like to connect that Data Warehouse to a reporting
est	S3 is indeed a key value store! (where the key is the full path of the object in the bucket) ion 6 would like to have a database which is efficient at performing analytical queries on e sets of columnar data. You would like to connect that Data Warehouse to a reporting dashboard tool such as Amazon Quicksight. Which technology do you recommend?
est ou ou irg	S3 is indeed a key value store! (where the key is the full path of the object in the bucket) ion 6 would like to have a database which is efficient at performing analytical queries on e sets of columnar data. You would like to connect that Data Warehouse to a reporting dashboard tool such as Amazon Quicksight. Which technology do you recommend? RDS
est ou arg nd	S3 is indeed a key value store! (where the key is the full path of the object in the bucket) ion 6 would like to have a database which is efficient at performing analytical queries on e sets of columnar data. You would like to connect that Data Warehouse to a reportin dashboard tool such as Amazon Quicksight. Which technology do you recommend? RDS S3

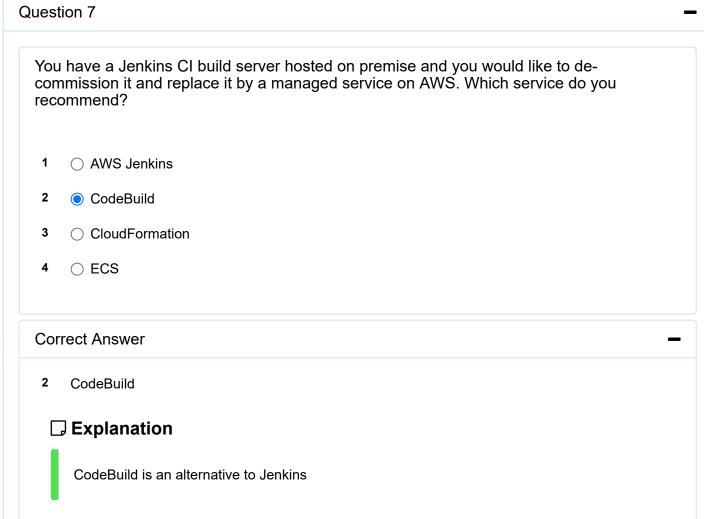


	are looking for a service to store docker images in AWS. Which one do you ommend?
1	ECS
2	○ ECR
3	○ S3
4	○ CodeCommit
Cor	rect Answer
2	ECR
Г	Explanation
	·
	Amazon Elastic Container Registry (ECR) is a fully-managed Docker container registry that makes it easy for developers to store, manage, and deploy Docker containers
ıest	ion 2
You	ion 2 would like to find a managed-service in AWS alternative to GitLab, in order to version trol your code entirely in AWS. Which technology do you recommend?
You	would like to find a managed-service in AWS alternative to GitLab, in order to version
You	would like to find a managed-service in AWS alternative to GitLab, in order to version trol your code entirely in AWS. Which technology do you recommend?
You con	would like to find a managed-service in AWS alternative to GitLab, in order to version trol your code entirely in AWS. Which technology do you recommend? CodeBuild
You cont	would like to find a managed-service in AWS alternative to GitLab, in order to version trol your code entirely in AWS. Which technology do you recommend? CodeBuild CodeCommit

□ Explanation CodeCommit is used to store and version control your code and as such, it's an alternative to GitLab and GitHub Question 3 As part of your disaster recovery strategy, you would like to make sure your entire infrastructure is code, so that you can easily re-deploy it in any region. Which service do you recommend? CodePipeline Elastic Beanstalk CodeDeploy CloudFormation **Correct Answer** CloudFormation □ Explanation CloudFormation is the de-facto service in AWS for infrastructure as code. Question 4 You need to manage a fleet of Docker containers in the cloud, which service do you recommend? O EC2 ○ ECR ECS

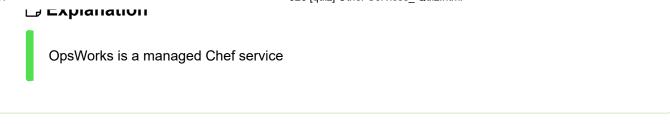
Cor	rect Answer
3	ECS
	Explanation
	ECS is a container orchestrator service and the correct service to manage a fleet of Docker containers in the cloud
uest	ion 5
You Whi	would like to orchestrate your CICD pipeline to deliver all the way to Elastic Beanstalk ch service do you recommend?
1	○ CodeBuild
2	○ CodePipeline
2	CodePipelineCloudFormation
3	CloudFormation
3	CloudFormationSWF
3 4 Cori	CloudFormationSWF rect Answer
3 4 Cori	 CloudFormation SWF rect Answer CodePipeline
3 4 Corr	 CloudFormation SWF rect Answer CodePipeline Explanation

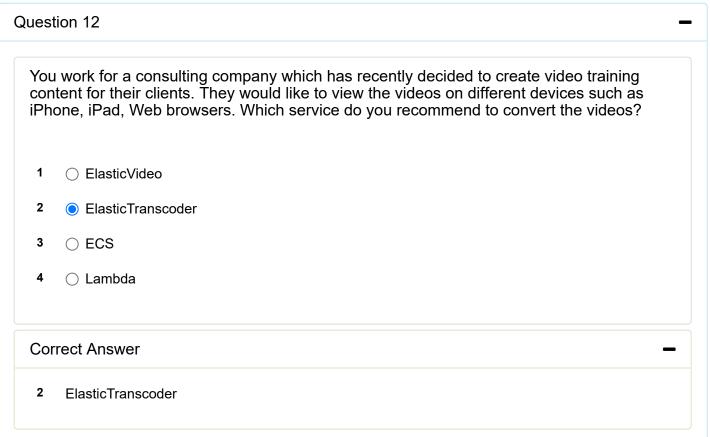
1	○ CodeBuild
2	○ CodePipeline
3	CodeDeploy
4	○ CodeCommit
Cor	rect Answer -
3	CodeDeploy
	Explanation
	When deploying code directly onto EC2 instances or On Premise servers, CodeDeploy is the service to use. You can define the strategy (how fast the rollout of the new code should be)

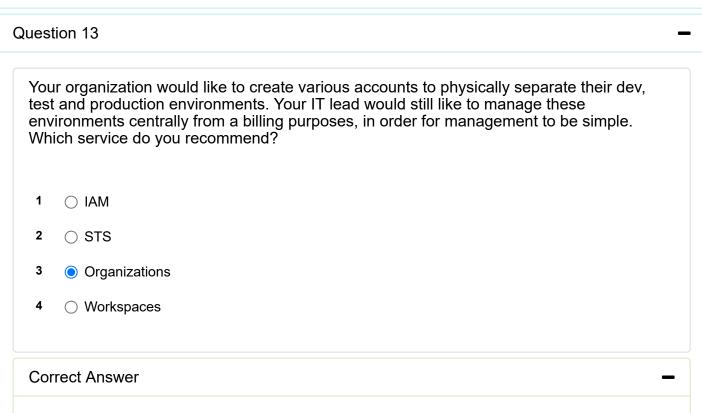


You need to orchestrate a series of AWS Lambda function into a workflow. Which service do you recommend? 1	Quest	ion 8
2 CodePipeline 3 Step Functions 4 OpsWorks Correct Answer — 3 Step Functions Puestion 9 You are looking to create an Hadoop cluster to perform Big Data Analysis. Which service do you recommend on using? 1 Redshift 2 Athena 3 EMR 4 Glue Correct Answer — 3 EMR		
3	1	○ SWF
Correct Answer Step Functions Step Functions Touestion 9 You are looking to create an Hadoop cluster to perform Big Data Analysis. Which service do you recommend on using? Redshift Athena BEMR Glue Correct Answer BEXPlanation	2	○ CodePipeline
Correct Answer 3 Step Functions Ouestion 9 You are looking to create an Hadoop cluster to perform Big Data Analysis. Which service do you recommend on using? 1 Redshift 2 Athena 3 EMR Correct Answer	3	Step Functions
3 Step Functions Question 9 You are looking to create an Hadoop cluster to perform Big Data Analysis. Which service do you recommend on using? 1	4	○ OpsWorks
You are looking to create an Hadoop cluster to perform Big Data Analysis. Which service do you recommend on using? 1	Cor	rect Answer -
You are looking to create an Hadoop cluster to perform Big Data Analysis. Which service do you recommend on using? 1	3	Step Functions
2 Athena 3 EMR 4 Glue Correct Answer BEXPlanation Explanation	You do y	are looking to create an Hadoop cluster to perform Big Data Analysis. Which service you recommend on using?
3	1	○ Redshift
4 Glue Correct Answer 3 EMR DEXPLANATION	2	○ Athena
Correct Answer 3 EMR D Explanation	3	• EMR
3 EMR D Explanation	4	○ Glue
☐ Explanation	Cor	rect Answer -
	3	EMR
EMR is the AWS way of creating an Hadoop cluster with the tools of your choosing.		Explanation
		EMR is the AWS way of creating an Hadoop cluster with the tools of your choosing.

You ser	are looking to move data all around your AWS databases using a managed ETL vice that has a metadata catalog feature. Which one do you recommend?
1	○ EMR
2	○ Redshift
3	Glue
4	○ Athena
Cor	rect Answer
3	Glue
	⊋ Explanation
	Glue is an ETL service
ues	Glue is an ETL service
Υοι	tion 11
Υοι	tion 11 ur company is already using Chef recipes to manage its infrastructure. You would like to
You mo	tion 11 or company is already using Chef recipes to manage its infrastructure. You would like to we to the AWS cloud and keep on using Chef. What service do you recommend?
You mo	tion 11 ur company is already using Chef recipes to manage its infrastructure. You would like to ve to the AWS cloud and keep on using Chef. What service do you recommend? CloudFormation
You mov	tion 11 Ir company is already using Chef recipes to manage its infrastructure. You would like to ve to the AWS cloud and keep on using Chef. What service do you recommend? CloudFormation SSM
You mov	tion 11 Ir company is already using Chef recipes to manage its infrastructure. You would like to ve to the AWS cloud and keep on using Chef. What service do you recommend? CloudFormation SSM OpsWorks







Organizations □ Explanation AWS Organizations allow you to create multiple AWS accounts and centralize them around a single organization for simplified and unified billing. Question 14 You have a VDI (Virtual Desktop Infrastructure) on premise and as a solution architect, you would like to optimize maintenance and management cost by switching to virtual desktops on the AWS Cloud. Which service do you recommend? AppSync Organizations Workspaces ○ ECR **Correct Answer** Workspaces Explanation Amazon WorkSpaces is a managed, secure cloud desktop service. You can use Amazon WorkSpaces to provision either Windows or Linux desktops Question 15 Your developers are creating a mobile application and would like to have a managed GraphQL backend. Which service do you recommend? API Gateway AWS Lambda

15/2021	326 [quiz] Other Services_ Quiz.html	
3	AppSync	
4	○ ECS	
Сс	orrect Answer -	
3	AppSync	
	☐ Explanation	
	AppSync is a managed GraphQL service in AWS	
Ques	stion 16 -	
is l ad	bu are deploying your application on an ECS cluster made of EC2 instances. The cluster hosting one application that has been issuing API calls to DynamoDB successfully. Upon lding a second application, which issues API calls to S3, you are getting authorization sues. What should you do to resolve the problem and ensure proper security?	
1	Edit the EC2 instance role to add permissions to S3	
2	○ Create an IAM task role for the new application	

Create an IAM task role for the new application

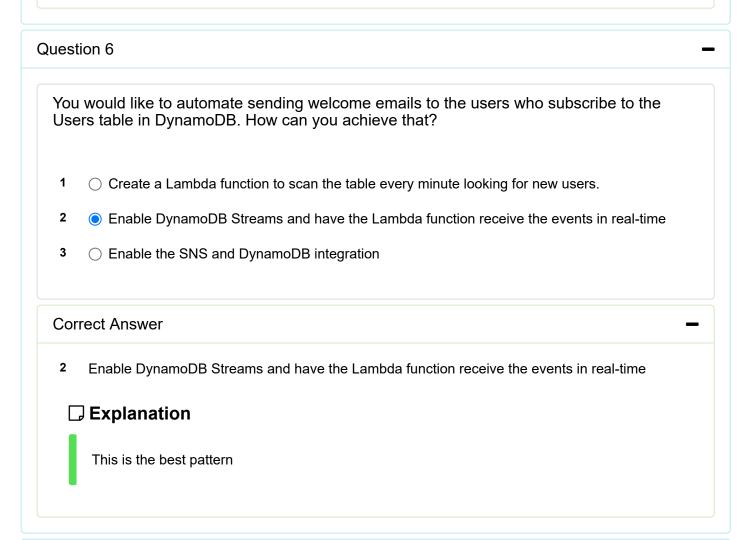
○ Edit the S3 bucket policy to allow the ECS task

○ Enable the Fargate mode

Question 1 You have a Lambda function that will process data for 25 minutes before successfully completing. The code is working fine in your machine, but in AWS Lambda it just fails with a "timeout" issue after 3 seconds. What should you do? O Set the timeout to 25 minutes Set the memory to 3GB Run your code somewhere else than Lambda - the maximum timeout is 15 minutes Correct Answer Run your code somewhere else than Lambda - the maximum timeout is 15 minutes Question 2 You'd like to have a dynamic DB_URL variable loaded in your Lambda code Place it in the environment variables Place it in the code zip file Place it in the code itself **Correct Answer** Place it in the environment variables □ Explanation Environment variables allow for your Lambda to have dynamic variables from within Question 3

We have to provision the instance type for our DynamoDB database
1 true
2
Correct Answer -
2 false
☐ Explanation
DynamoDB is a serverless service and as such we don't provision an instance type for our database. We just say how much RCU and WCU we require for our table (or auto scaling)
Question 4 -
A DynamoDB table has been provisioned with 10 RCU and 10 WCU. You would like to increase the RCU to sustain more read traffic. What is true about RCU and WCU?
RCU and WCU are decoupled, so WCU can stay the same
2 O You will also have to increase WCU to match the RCU value
Correct Answer -
1 RCU and WCU are decoupled, so WCU can stay the same
Question 5
You are about to enter the Christmas sale and you know a few items in your website are very popular and will be read often. Last year you had a ProvisionedThroughputExceededException. What should you do this year?
1

2021		215 [quiz] Serverless Quiz.html	
	2	Create a DAX cluster	
	3	O Migrate the database away from DynamoDB for the time of the sale	
	Corı	rect Answer -	
	2	Create a DAX cluster	
		Explanation	
		A DynamoDB Accelerator (DAX) cluster is a cache that fronts your DynamoDB tables and caches the most frequently read values. They help offload the heavy reads on hot keys off of DynamoDB itself, hence preventing the ProvisionedThroughputExceededException	



Question 7 —

To make a serverless API, I should integrate API Gateway with

1 © EC2 2 © ELB 3 © Lambda Correct Answer — 3 Lambda Explanation Lambda is a serverless technology Duestion 8 — You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use 1 © Cognito Sync 2 © DynamoDB user tables with Lambda Authorizer 3 © Cognito User Pools Correct Answer —		
Correct Answer Lambda Explanation Lambda is a serverless technology Lambda is a serverless technology	1	○ EC2
Correct Answer Jesuplanation Lambda is a serverless technology Lambda is a serverless technology Lambda is a serverless technology You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use Cognito Sync DynamoDB user tables with Lambda Authorizer Cognito User Pools	2	○ ELB
Lambda Lambda is a serverless technology Lambda is a serverless technology Lambda is a serverless technology Puestion 8 You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use Cognito Sync DynamoDB user tables with Lambda Authorizer Cognito User Pools	3	Lambda
Lambda is a serverless technology Ruestion 8 You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use Cognito Sync DynamoDB user tables with Lambda Authorizer Cognito User Pools	Corre	ect Answer -
Lambda is a serverless technology Puestion 8 You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use 1	3	Lambda
You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use 1		Explanation
You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use 1		Lambda is a serverless technology
You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use 1		
You would like to provide a Facebook login before your users call your API hosted by API Gateway. You need seamlessly authentication integration, you will use 1		
API Gateway. You need seamlessly authentication integration, you will use 1	uestic	on 8
 DynamoDB user tables with Lambda Authorizer Cognito User Pools 	You v API (would like to provide a Facebook login before your users call your API hosted by Gateway. You need seamlessly authentication integration, you will use
3		
	1	○ Cognito Sync
Correct Answer -		
Correct Answer -	2	DynamoDB user tables with Lambda Authorizer
	2	DynamoDB user tables with Lambda Authorizer
3 Cognito User Pools	3	 DynamoDB user tables with Lambda Authorizer Cognito User Pools

Question 9

☐ Explanation

Your production application is leveraging DynamoDB as its backend and is experiencing

Cognito User Pools directly integration with Facebook Logins

smooth sustained usage. There is a need to make the application run in development as well, where it will experience unpredictable, sometimes high, sometimes low volume of requests. You would like to make sure you optimize for cost. What do you recommend?

- 1 O Provision WCU & RCU and enable auto-scaling for both development and production
- Provision WCU & RCU and enable auto-scaling for production and use on-demand capacity for development
- Provision WCU & RCU and enable auto-scaling for development and use on-demand capacity for production
- 4 Use on-demand capacity for both development and production

Correct Answer

Provision WCU & RCU and enable auto-scaling for production and use on-demand capacity for development

poin	have purchased "mycoolcompany.com" on the AWS registrar and would like for it to to 1b1-1234.us-east-2.elb.amazonaws.com. What sort of Route 53 record is POSSIBLE to set up for this?
1	CNAME
2	○ Alias
Corr	ect Answer
1	CNAME
	Explanation
	The DNS protocol does not allow you to create a CNAME record for the top node of a DNS namespace (mycoolcompany.com), also known as the zone apex
ıesti	on 2
You your	on 2 have deployed a new Elastic Beanstalk environment and would like to direct 5% of production traffic to this new environment, in order to monitor for CloudWatch metrics ensuring no bugs exist. What type of Route 53 records allows you to do so?
You your	have deployed a new Elastic Beanstalk environment and would like to direct 5% of production traffic to this new environment, in order to monitor for CloudWatch metrics
You your and	have deployed a new Elastic Beanstalk environment and would like to direct 5% of production traffic to this new environment, in order to monitor for CloudWatch metrics ensuring no bugs exist. What type of Route 53 records allows you to do so?
You your and	have deployed a new Elastic Beanstalk environment and would like to direct 5% of production traffic to this new environment, in order to monitor for CloudWatch metrics ensuring no bugs exist. What type of Route 53 records allows you to do so?
You your and 1	have deployed a new Elastic Beanstalk environment and would like to direct 5% of production traffic to this new environment, in order to monitor for CloudWatch metrics ensuring no bugs exist. What type of Route 53 records allows you to do so? Simple Weighted
You your and 1 2 3	have deployed a new Elastic Beanstalk environment and would like to direct 5% of production traffic to this new environment, in order to monitor for CloudWatch metrics ensuring no bugs exist. What type of Route 53 records allows you to do so? Simple Weighted Latency

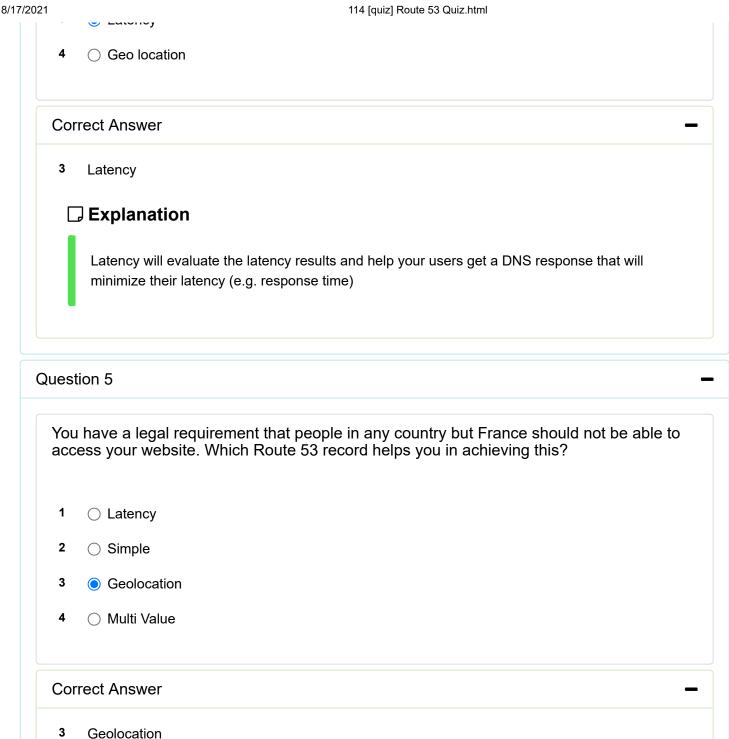
Weighted allows you to redirect a part of the traffic based on a weight (hence a percentage). It's common to use to send a part of a traffic to a new application you're deploying

Question 3 After updating a Route 53 record to point "myapp.mydomain.com" from an old Load Balancer to a new load balancer, it looks like the users are still not redirected to your new load balancer. You are wondering why... it's because of the alias record! 2 it's because of the CNAME record! o it's because of the TTL it's because of the health checks Correct Answer it's because of the TTL Explanation DNS records have a TTL (Time to Live) in order for clients to know for how long to caches these values and not overload the DNS with DNS requests. TTL should be set to strike a balance between how long the value should be cached vs how much pressure should go on the DNS.

Question 4

You want your users to get the best possible user experience and that means minimizing the response time from your servers to your users. Which routing policy will help?

- 1 Multi Value



Question 6

You have purchased a domain on Godaddy and would like to use it with Route 53. What do you need to change to make this work?

- Request for a domain transfer
- Create a private hosted zone and update the 3rd party registrar NS records

- 3 Create a public hosted zone and update the Route 53 NS records

Correct Answer

4 Create a public hosted zone and update the 3rd party registrar NS records

□ Explanation

Private hosted zones are meant to be used for internal network queries and are not publicly accessible. Public Hosted Zones are meant to be used for people requesting your website through the public internet. Finally, NS records must be updated on the 3rd party registrar.