

AWS140 - Developing on AWS

No	Questions	Points
1	What is the most inexpensive instance type available in AWS? <input type="radio"/> Reserved <input checked="" type="radio"/> Spot <input type="radio"/> On-Demand <input type="radio"/> Pay-As-You-Go	10 pts
2	Which of the following features allows you to specify the number of EC2 instances that support an application? <input checked="" type="radio"/> Auto-Scaling <input type="radio"/> Multi-AZ <input type="radio"/> Serverless <input type="radio"/> Load-Balancing	10 pts
3	Why would you use a Multi-AZ deployment for an application? <input type="radio"/> Reduce data replication between zones <input type="radio"/> Increase data accuracy <input type="radio"/> Copy data across multiple regions <input checked="" type="radio"/> Increase application resiliency	10 pts
4	What is the name of the AWS SDK for Python? <input type="radio"/> Cloud9 <input checked="" type="radio"/> Boto3 <input type="radio"/> AWS CLI <input type="radio"/> AWS Python	10 pts
5	What tool is used to create and manage AWS users and groups? <input type="radio"/> Cloud9 <input checked="" type="radio"/> IAM <input type="radio"/> S3 <input type="radio"/> Boto3	10 pts
6	Which of the following can be used as developer tools in AWS? <input checked="" type="checkbox"/> Cloud9 <input checked="" type="checkbox"/> AWS CLI <input checked="" type="checkbox"/> PowerShell <input checked="" type="checkbox"/> Visual Studio <input checked="" type="checkbox"/> PyCharm	10 pts

7	What two items make up an access key? <input type="checkbox"/> password <input checked="" type="checkbox"/> access key ID <input checked="" type="checkbox"/> secret access key <input type="checkbox"/> user name	10 pts
8	A user can login to the AWS Management Console using an access key ID and secret access key. <input type="checkbox"/> True <input checked="" type="checkbox"/> False	10 pts
9	How do you modify the permissions for an AWS managed policy? <input type="checkbox"/> Use the IAM Management Console <input type="checkbox"/> Put in a request to AWS <input type="checkbox"/> Use the AWS CLI <input checked="" type="checkbox"/> This cannot be done	10 pts
10	You must use an IAM user account to access AWS resources. <input type="checkbox"/> True <input checked="" type="checkbox"/> False	10 pts
11	DynamoDB is a NoSQL, globally scalable database solution? <input checked="" type="checkbox"/> True <input type="checkbox"/> False	10 pts
12	AWS Lambda allows you to deploy code using a serverless deployment. <input checked="" type="checkbox"/> True <input type="checkbox"/> False	10 pts
13	Which of the following databases is not supported by Amazon RDS? <input type="checkbox"/> PostgreSQL <input type="checkbox"/> MariaDB <input checked="" type="checkbox"/> MongoDB <input type="checkbox"/> Oracle <input type="checkbox"/> SQL Server	10 pts
14	Which of the following managed database solutions is used for OLAP deployments in AWS? <input type="checkbox"/> Aurora <input checked="" type="checkbox"/> Redshift <input type="checkbox"/> Neptune <input type="checkbox"/> DynamoDB	10 pts

15	From the following options which is the best tool for storing AWS Lambda credentials? <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Secrets Manager <input type="checkbox"/> environment variables <input type="checkbox"/> metadata <input type="checkbox"/> parameters 	10 pts
16	Which of the following are possible reasons to use API Gateway? <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Create APIs <input checked="" type="checkbox"/> Secure APIs <input checked="" type="checkbox"/> Monitor APIs <input checked="" type="checkbox"/> Publish APIs 	10 pts
17	Which of the following is NOT a recommended best practice when developing an API? <ul style="list-style-type: none"> <input type="checkbox"/> Test invoking the API before deploying it <input type="checkbox"/> Use HTTP 400 error code for error handling <input type="checkbox"/> Cache only GET methods <input checked="" type="checkbox"/> Use IAM to authenticate all application users 	10 pts
18	Which of the following tools are used to deploy infrastructure as code (IAC) in AWS? (Choose 2) <ul style="list-style-type: none"> <input type="checkbox"/> Step Functions <input type="checkbox"/> Deployment Manager <input checked="" type="checkbox"/> Cloudformation <input checked="" type="checkbox"/> Terraform 	10 pts
19	What is the longest running time of an AWS Lambda function? <ul style="list-style-type: none"> <input type="checkbox"/> 30 seconds <input type="checkbox"/> 60 seconds <input checked="" type="checkbox"/> 15 minutes <input type="checkbox"/> 5 minute 	10 pts
20	Which AWS service is used to log API calls? <ul style="list-style-type: none"> <input checked="" type="checkbox"/> CloudTrail <input type="checkbox"/> CloudWatch <input type="checkbox"/> Stackdriver <input type="checkbox"/> S3 	10 pts
21	Which of the following services can be used for serverless application message queuing in AWS? <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Amazon SQS <input type="checkbox"/> Amazon SNS <input type="checkbox"/> AWS Step Functions <input type="checkbox"/> Apache Kafka 	10 pts

22	<p>Which of the following features makes Amazon Simple Queue Service (SQS) FIFO queues different from Standard queues?</p> <p>() Support for HTTP endpoints</p> <p>() Sending messages to emails</p> <p>() Sending messages to multiple subscribers</p> <p>(x) Guaranteeing the order of messages</p>	10 pts
23	<p>Amazon SQS supports open standard APIs and protocols such as STOMP, MQTT and JMS.</p> <p>() True</p> <p>(x) False</p>	10 pts
24	<p>Amazon SNS topics can send messages to SQS queues.</p> <p>(x) True</p> <p>() False</p>	10 pts
25	<p>Subscribers to an SNS topic can filter messages published to it.</p> <p>(x) True</p> <p>() False</p>	10 pts
26	<p>Which of the following protocols is supported for SNS subscribers.</p> <p>[x] AWS Lambda</p> <p>[x] Amazon SQS</p> <p>[x] HTTP(S)</p> <p>[x] Email</p> <p>[x] SMS</p> <p>[x] Mobile</p> <p>[x] Kinesis Firehose</p>	10 pts
27	<p>What is the cost of sending 1 million email notifications with Amazon SNS?</p> <p>() The first 1 million are free</p> <p>(x) Not enough information is provided to answer this question</p> <p>() The first 100,000 are free and \$0.60 per million after that</p> <p>() All email notifications are free</p>	10 pts
28	<p>Which of the following databases offers in-memory, multithreaded, data caching services?</p> <p>() Redis</p> <p>(x) Memcached</p> <p>() Athena</p> <p>() Redshift</p>	10 pts

29	<p>Which of the following databases offers in-memory, data caching services with Auto Failover capabilities?</p> <p>(x) Redis</p> <p>() Memcached</p> <p>() Athena</p> <p>() Redshift</p>	10 pts
30	<p>Which of the following services allows you to easily add sign-up and sign-in capabilities to applications?</p> <p>() IAM</p> <p>() Facebook</p> <p>() Secrets Manager</p> <p>(x) Cognito</p>	10 pts