AWS Fundamentals CheatSheet by agavrel

Question 1

What does a comprehensive data policy include?
* a) Wiping, disposing, retention, and storage
* b) Disposing, patching, retention, and storage
* c) Retention, storage, disposing, and virtualization
* d) Storage, virtualization, wiping, and elasticity

Wiping, disposing, retention, and storage

Question 2

Which of the following is true about NoSQL and SQL?
* a) NoSQL and SQL support ACID properties.
* b) NoSQL and SQL are relational databases.
* c) NoSQL and SQL handle transactions.
* d) NoSQL and SQL implement dynamic schemas.

NoSQL and SQL handle transactions.

Question 3

A leading IT firm in Manhattan faces lot of network traffic issues. What should it use to ease these issues?
* a) Amazon CloudWatch
* b) Amazon Elastic Load Balancing
* c) Amazon Elastic Compute Cloud
* d) Amazon CloudFront

Amazon Elastic Load Balancing

Question 4

ABC company wants to use network services that would implement its code from Amazon EC2 instances on the virtual servers. What should the company use?
* a) AWS Lambda
* b) Amazon Machine Image
* c) Auto Scaling Service
* d) Elastic Load Balancing

AWS Lambda

Question 5

MultiPan, a small company with huge clientele, was facing a storage crunch, and it wants the resources to be connected to the Internet. What is the ideal solution?
* a) Public Subnets
* b) Private Subnets
* c) Load Balancer
* d) Amazon Route 53

Public Subnets

Question 6

If a company wants to use the DNS Web service, what is the appropriate option?
* a) Instances and Amazon Machine Image
* b) Virtual Private Cloud
* c) Security Groups
* d) Amazon Route 53 Hosted Zones

Amazon Route 53 Hosted Zones

Question 7

To retain application availability, you should use.
* a) Load Balancer
* b) Auto Scaling Groups
* c) Amazon Route 53 Hosted Zones
* d) Security Groups

Auto Scaling Groups

Question 8

How does an Elastic Load Balancer enable higher fault-tolerance level?
* a) Creating subnets
* b) Open or terminate instances
* c) Creating the group of instances
* d) Dividing instances into several Availability Zones

Dividing instances into several Availability Zones

Question 9

In case of a disaster, which of the following activities will you perform?
* a) Expand your datacenter
* b) Launch the replacement compute capacity
* c) Scalable computing capacity servers
* d) Backup your mission critical data

Launch the replacement compute capacity

Question 10

ABC company wants Web services that offer scalable computing capacity servers. What should the company choose?
* a) Amazon EC2
* b) Amazon Route 53 Hosted Zones
* c) Auto Scaling Groups
* d) Load Balancer

Amazon EC2

Question 11

XYZ company wants instance types for high-performance databases, genome analysis, Microsoft SharePoint, distributed caches, and in-memory analytics. Identify the best option.
* a) General Purpose
* b) Compute Optimized
* c) Memory Optimized
* d) Input/Output Instances

Memory Optimized

Question 12

What are the uses of T2 instances?
* a) Shares resources
* b) Batch processing workloads
* c) Workloads on small databases
* d) Launches an instance

Workloads on small databases

Question 13

What instance type will you recommend if your organization wants high frequency processors?
* a) M3
* b) M2
* c) T2
* d) C3

C3

Question 14

Which of these platforms does Amazon EC2 support?
* a) C3 dot large and C3 dot 8xlarge
* b) EC2 Classic and EC2 VPC
* c) D2 dot 2xlarge and D2 dot 8xlarge
* d) Input/Output instances

EC2 Classic and EC2 VPC

Question 15

Amy wants to use the highest performing processor at the lowest price in Amazon EC2. What should she choose?
* a) M4
* b) C4
* c) M3
* d) M2

C4

Question 16

Elina is a business traveler, and she wants to download the AWS Console app. Select the option that does NOT allow this.
* a) Blackberry store
* b) Amazon app store
* c) Google play store
* d) iTunes

Blackberry store

Question 17

Daniel wants to store his website data and also needs a user-friendly interface. Which of the following will suit Daniel's demand?
* a) Amazon S3
* b) Amazon CloudFront
* c) Amazon Glacier
* d) Amazon Gateway

Amazon S3

Question 18

Which of the following does the AWS Import/Export service support?
* a) EC2 instance
* b) AWS Import/Export Disk
* c) Amazon S3
* d) Amazon EBS

AWS Import/Export Disk

Question 19

AWS wanted to examine the customer's AWS environment, identify security gaps, and fill them. Which of these tools was used to solve the issue automatically?
* a) Trusted Guide
* b) Trusted Advisor
* c) Trusted Counselor
* d) Trusted Controller

Trusted Advisor

Question 20

Which of the following provides non-stop monitoring, logging, and auditing of physical access controls?
* a) Compliance
* b) Security Tools
* c) Expert Guidance
* d) Physical Security

Physical Security

Question 21

Which of the following is a scalable and an economical amalgamation of your office IT and AWS storage infrastructure?
* a) AWS Storage Gateway
* b) AWS Gateway-cached Volume
* c) AWS EC2
* d) AWS Import/Export

AWS Storage Gateway

Question 22

Anna wants to create users and groups in AWS service. Which of the following will perform the task?
* a) Virtual Private Cloud
* b) Identity and Access Management
* c) Security Groups
* d) Compliance

Identity and Access Management

Question 23

Which of the following was the first service offered by Amazon to transfer data?
* a) AWS Import/Export
* b) Snowball
* c) Disk
* d) AWS EFS

Disk

Question 24

While researching on the Availability Zones of AWS expansion, Elliot wanted to know the upcoming regions. Selecting the correct region or regions.
* a) India
* b) The United Kingdom
* c) South Africa
* d) South America

India

The United Kingdom

Question 25

Paul wanted to isolate a section of the AWS cloud, and launch AWS resources in a defined virtual network. Which of these options should he choose?
* a) Shared Responsibility Model
* b) Virtual Private Cloud
* c) Trusted Guide
* d) Security Tools

Virtual Private Cloud

Question 26

With the decision to store data in Amazon Glacier,the Ahana group of companies came across one of the used cases. Identify the used case from the following.
* a) Deleting Data
* b) Restoring Data
* c) History List
* d) Back up media assets

Back up media assets

Question 27

ABC, a public record managing firm, wanted to transfer huge amount of data. Since, it was for public records, they needed some solution that would not charge them much. Which of the following is the most suitable for them?
* a) Snowball
* b) AWS Import/Export Disk
* c) Virtual Tape Library
* d) Virtual Tape Shelf

Snowball

Question 28

What is used for applications and databases where there is significant amount of traffic?
* a) Optimized EC 2 instances
* b) Provisioned IOPS
* c) General Purpose IOPS
* d) Amazon Elastic Block Storage

Provisioned IOPS

Question 29

Direct Attached Storage is a type of _____.
* a) Cloud Storage
* b) Gateway Storage
* c) Traditional Storage
* d) Hard Disk Storage

Traditional Storage

Question 30

_____ means that the storage is temporary, and its contents can be lost when the system is rebooted.
* a) Ephemeral
* b) AttachVolume
* c) EBS Volume
* d) General Purpose IOPS

Ephemeral

Question 31

Which of the following will XYZ company use to transfer its website to one type of cloud while its brochure is on another?
* a) Virtual Cloud
* b) Private Cloud
* c) Hybrid Cloud
* d) Public Cloud

Hybrid Cloud

Question 32

St. Philip University wanted to use AWS service that would create and provision AWS resources. Suggest the appropriate options from the following.
* a) AWS CloudFormation
* b) Amazon CloudFront
* c) Amazon CloudWatch
* d) Amazon S3

AWS CloudFormation

Question 33

CloudFormation Components Templates has a format that conforms to the _____.
* a) HTTP
* b) MySQL
* c) JavaScript Object Notation
* d) HTML

JavaScript Object Notation

Question 34

What does Stack as single unit mean?
* a) CloudFormation service rolls back the stack or deletes
* b) Blueprint for creating and configuring resources
* c) Develop highly scalable, reliable, and lucrative applications
* d) Identifies the dependent resources

CloudFormation service rolls back the stack or deletes

Question 35

Which of the following is NOT a certification of the AWS IT infrastructure?
* a) US International Traffic in Arms Regulations or ITAR
* b) Service Organization Control or SOC 1, SOC 2, and SOC 3
* c) Criminal Justice Information Services or CJIS
* d) Risk and Information Systems Control

Risk and Information Systems Control

Question 36

Which of the followin can Merrin, a new user to the Amazon Web Service, use to access the provided service?
* a) AWS Software Development Kits
* b) AWS Hardware Development Kits
* c) AWS Instructor line tool
* d) AWS Enquiry API?s

AWS Software Development Kits

Question 37

Which of the following can automatically scale resources?
* a) Auto Scaling
* b) Auto Measuring
* c) Elastic File System
* d) Elastic Load Balancing

Auto Scaling

Elastic Load Balancing

Question 38

If you can specify input parameters, and you can determine their values at the time of creating the stack, it means you are _____.
* a) Reusing Templates
* b) Deleting Template
* c) Reusing Stack
* d) Deleting Stack

Reusing Templates

Question 39

ABC company wants to monitor cloud resources, such as Amazon EC2 and Amazon RDS instances, and applications. What services it should use?
* a) Amazon Glacier
* b) Amazon CloudFront
* c) Amazon Elastic File System
* d) Amazon CloudWatch

Amazon CloudWatch

Question 40

How can you use Amazon CloudWatch?
* a) Amazon Simple Storage Service
* b) Amazon Route 53
* c) Amazon Virtual Private Cloud
* d) AWS Free Tier

AWS Free Tier

Question 41

Which of the following clouds is a mix of public and private cloud services?
* a) Private Cloud
* b) Public Cloud
* c) Hybrid Cloud
* d) Virtual Cloud

Hybrid Cloud

Question 42

Amazon Web Services is Amazon's cloud computing environment that offers benefits of _____.
* a) Economies of scale
* b) Scalability
* c) Total free Service
* d) 50 gigabytes free service

Economies of scale

Scalability

Question 43

Magnetic storage is a persistent type of slower, older _____.
* a) Elastic File System
* b) Simple Storage
* c) Elastic Block Storage
* d) Amazon Glazier

Elastic Block Storage

Question 44

Virtual Tape Library provides users with an unlimited _____.
* a) Collection of device spaces
* b) Collection of tape library
* c) Collection of virtual tapes
* d) Device Space

Collection of virtual tapes

Question 45

Which of the following are the current list of service groups in the All AWS Services section?
* a) Networking
* b) Transaction
* c) Analytics
* d) Mirroring

Networking

Analytics

Question 46

Which of the following is a singular feature of AWS?
* a) Resilient organizational structure
* b) Resilient institutional structure
* c) Resilient industrial structure
* d) Resilient Administrative structure

Resilient organizational structure

Question 47

Which of the following is granted according to the least privileged criteria?
* a) Granted access
* b) Private access
* c) Specialized access
* d) Authorized access

Authorized access

Question 48

Which is the vital feature on Navigation Bar?
* a) AWS Availability Zone
* b) AWS Region
* c) AWS Menu bar
* d) AWS Access Control

AWS Region

Question 49

The security of global infrastructure services run in which of the following cloud?
* a) Security ?OF? the cloud
* b) Security ?IN? the cloud
* c) Security ?OUT? the cloud
* d) Security ?ON? the cloud

Security ?OF? the cloud

Question 50

Amazon DynamoDB, as a part of Amazon Web Services, refers to a service that offers _____.
* a) SQL database
* b) NoSQL databases
* c) Data Models
* d) Solid State Disks

NoSQL databases

Question 51

What is the other name for attributes?
* a) Series
* b) Indexes
* c) Fields
* d) Keys

Fields

Question 52

Which of the following is a type Primary Key?
* a) Partition Key
* b) Primary Key
* c) Sort key
* d) Composite Sort Key

Partition Key

Composite Sort Key

Question 53

Which of the following Dynamo data types includes a string set, a binary set, and a number set?
* a) scalar
* b) set
* c) document
* d) None of the above

set

Question 54

Which of the following has a unique decimal number or a code point?
* a) Binary code Character
* b) Tertiary Code Character
* c) Primary Code Character
* d) Unicode character

Unicode character

Question 55

True or False is an attribute of _____.
* a) Binary
* b) Null
* c) Strings
* d) Boolean

Boolean

Question 56

Which of the following services creates and provisions AWS resources?
* a) AWS CloudWatch
* b) AWS CloudFormation
* c) AWS Identity and Access Management
* d) AWS CloudFront

AWS CloudFormation

Question 57

What offers profitable, resizable capacity for your databases?
* a) Amazon Relational Database Service
* b) Amazon DynamoDB
* c) Amazon Security groups
* d) All of the above

Amazon Relational Database Service

Question 58

A(n)_____ aims to control access to a DB instance.
* a) Security group
* b) Parameter group
* c) Options group
* d) DynamoDB group

Security group

Question 59

What is applied to a DB instance if you do not specify the desired parameter group while creating the instance?
* a) Options group
* b) Security group
* c) DynamoDB group
* d) Parameter group

Parameter group

Question 60

Through which option does Amazon maintain a synchronous reserved replica of that DB instance?
* a) Deployment
* b) Positioning
* c) Placement
* d) Distribution

Deployment