

# AWS Academy Cloud Foundations

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## Knowledge Check

### Module 1:

- 1)all of the above
- 2)pay as you go
- 3)system administration as a service
- 4) true
- 5)pay for racking ,stacking and powering servers
- 6) high latency and multiple procurement cycles
- 7) Amazon EC2
- 8>false
- 9) having hundreds of thousands of customers aggregated in cloud
- 10) AWS management console ,the AWS command link interface and software development kits

## Module - 2

- 1) AURI  
NURI  
PURI
- 2) AWS Cost Explorer
- 3) False
- 4) Inbound data transfer  
Data transfer btw services within the same AWS region
- 5) Basic, Developer, Business, Enterprise
- 6) AWS pricing calculator
- 7) Economies of scale
- 8) True
- 9) Free inbound data transfer for Amazon EC2 instances  
Free outbound data transfer between AWS services within same region
- 10) False.

### **Module 3 :**

- 1) Amazon cloud front used AWS edge location to ensure low latency delivery
- 2) decrease
- 3) true
- 4) AWS regions
- 5) fault tolerant, elastic,scalable
- 6) true
- 7)a data center can be used for more than one availablity zone
- 8)it's true that availablity zone within aa region are connected through low latency
- 9) multiple
- 10>false

## **Module 4.**

- 1) of the security
- 2) encryption and security group configuration
- 3) maintain
- 4) AWS management and programmatic access
- 5) true
- 6) managing Access to AWS resources and defining fine graining access rights
- 7) changing the AWS plan support
- 8) delete access keys
- 9) enable multifactor authentication

## Module 5

1) 1/28

2) /16

3) nat gateway

4) Amazon virtual private cloud

5) false

6) Amazon edge location

7) network ACL

8) a main route

9) a security group

10) 251

## **Module 6**

1. Amazon EC2 instances
2. Scheduled reserved instances
3. All of the above
4. Dedicated instances
5. AWS lambda
6. AWS elastic beanstalk
7. Run four reserved instances constantly
8. False
9. Reserved instances
10. Amazon machine image, Amazon ec2 instance type

## **Module 7:**

- 1) true
- 2) within the same region
- 3) glacier S3 infrequent standard access
- 4) worldwide
- 5) implement storage
- 6) must be accessible requires long-term persistence and requires encryption
- 7) false
- 8) storing archives
- 9) true
- 10) Amazon ebs volume

## **Module 8**

1. Amazon dynamodb
2. Scan
3. All of the above
4. Amazon redshift
5. Fundamental data element
6. Amazon dynamodb
7. Complex transactions
8. Amazon aurora
9. True
10. All of the above



## **Module 9**

1. Traceability
2. Assume everything will fail
3. Security, operational excellence, cost optimisation
4. Use server less architecture, democratize
5. Performance, cost, security, fault, service
6. 5
7. AWS trusted advisor
8. Reliability
9. Fault tolerance
10. Highly available

## **Module 10**

1. Amazon EC2 auto scaling, elastic load balance
2. Amazon simple notification
3. Respond to changing conditions, launches instances, enforces a minimum
4. A listener
5. Amazon machine image, instance type, Amazon elastic block
6. Amazon cloud watch
7. Minimum size, desired capacity, minimum size
8. AWS cloudtail
9. Stops routing traffic, resumes routing traffic when it detects that the target is healthy again, routes traffic to a healthy target
10. Application load balancer, network load balancer, classic load balancer