

1.What is CloudFront?

Ans:

Amazon CloudFront is a content delivery network (CDN) service provided by Amazon Web Services (AWS). It is designed to deliver content, including web pages, videos, images, and other static or dynamic assets, to end-users with low latency and high transfer speeds. CloudFront helps improve the performance, reliability, and scalability of your web applications.

2.What are Regions and Availability Zones in aws?

Ans:

In Amazon Web Services (AWS), a Region is a geographical area that consists of multiple Availability Zones (AZs). Each AWS Region is a separate and independent geographic location, and it's designed to be completely isolated from other AWS Regions. AWS Regions are named to reflect their general geographic location, such as "us-east-1" for the first AWS Region in the eastern United States.

3. What is Auto Scaling?

Ans:

Auto Scaling is a feature provided by Amazon Web Services (AWS) that allows you to automatically adjust the number of compute resources (such as Amazon EC2 instances) in your application environment based on demand or a defined schedule. The goal of Auto Scaling is to help you maintain application availability and performance while optimizing costs by automatically scaling resources up or down.

4. What are the different storage classes in S3?

Ans:

Dynamic Scaling

Manual Scaling

Scheduled Scaling

Health Monitoring

Load Balancing Integration

Optimization for Cost

Integration with Launch Configurations

Integration with AWS Services

5. How can you secure the access to your S3 bucket?

Ans:

Securing access to your Amazon S3 bucket is crucial to protect your data and ensure that only authorized users and applications can interact with your objects.