1. What is AWS's global infrastructure, and how does it benefit customers?
2. Explain the differences between Amazon S3 and Amazon Glacier.
3. What is the significance of an IAM role in AWS, and how is it different from an IAM user?
4. Describe the different types of EC2 instances and when you might use each one.
5. How does AWS Lambda pricing work, and what factors can affect the cost of running Lambda functions?
6. What is a CloudFormation stack in AWS, and how does it simplify infrastructure management?
7. Can you explain the concept of Cross-Region Replication in AWS S3?
8. What is the purpose of Amazon VPC peering, and what are the limitations associated with it?
9. How does Amazon RDS handle automatic backups and maintenance tasks?
10. Explain the use cases for AWS Elastic Beanstalk and how it simplifies application deployment.
11. Describe the differences between Amazon Redshift and Amazon Aurora, and when would you use one over the other for data warehousing?
12. What is AWS CloudTrail, and why is it important for security and compliance?
13. How can you secure data at rest and in transit in AWS, and what encryption options are available?
14. What is the AWS Free Tier, and what services are included in it for new AWS customers?
15. Explain the benefits of using Amazon Route 53 for DNS management in AWS.
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31. These questions cover a range of AWS services and concepts, and they are designed to assess your knowledge of AWS in various areas. When preparing for your interview, make sure to have a solid understanding of these topics and be ready to provide detailed
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47. What is AWS Transit Gateway, and how can it simplify network connectivity and routing in a multi-account AWS environment?
48. Explain the concept of AWS Fargate and how it differs from Amazon ECS in terms of container management.
49. What is the purpose of Amazon Aurora Serverless, and when would you use it for your database workloads?
50. How do you secure your AWS EC2 instances, and what are some best practices for maintaining their security?
51. Describe the AWS Global Accelerator, and how does it enhance the availability and performance of applications?
52. What is AWS Direct Connect, and when would you use it to establish a dedicated network connection to AWS?
53. Explain the AWS Lambda execution environment and the factors that affect the performance of Lambda functions.
54. How does AWS Glue simplify data preparation and ETL (Extract, Transform, Load) tasks in the cloud?
55. What is Amazon EKS (Elastic Kubernetes Service), and how does it assist in managing Kubernetes clusters in AWS?
56. Can you describe the purpose of AWS Organizations, and how does it help in managing multiple AWS accounts?
57. How do you configure cross-account access to resources in AWS, and what is the role of AWS Identity and Access Management (IAM) roles in this context?
58. Explain the concept of Amazon ECR (Elastic Container Registry) and how it relates to Docker container images.
59. What is AWS Snowball, and how is it used for transferring large volumes of data into and out of AWS?
60. How can you optimize costs in AWS, and what are some strategies for reducing your AWS bill?
61. What is Amazon Neptune, and when would you use it for your graph database needs?
62. Describe the use of AWS Elastic Inference and how it optimizes deep learning inference for machine learning models.
63. What is AWS OpsWorks, and how does it help in the automation and management of infrastructure?
64. Explain the differences between the AWS Cloud Development Kit (CDK) and AWS CloudFormation for infrastructure as code.
65. What is AWS WAF (Web Application Firewall), and how does it protect web applications against common web exploits?
66. How does AWS PrivateLink work, and what are its benefits for private connectivity to AWS services?
67. What is AWS Systems Manager, and how does it help with automating operational tasks on AWS resources?
68. Describe AWS Certificate Manager, and how it simplifies SSL/TLS certificate management for applications.