

1. What is Amazon EC2?
2. What Are Some of the Security Best Practices for Amazon EC2?
3. Can S3 Be Used with EC2 Instances, and If Yes, How
4. What is the difference between stopping and terminating an EC2 instance?
5. What are the different types of EC2 instances based on their costs?
6. How do you set up SSH agent forwarding so that you do not have to copy the key every time you log in?
7. What are the common types of AMI designs?
8. What are Key-Pairs in AWS?
9. What is Amazon S3?
10. How can you recover/login to an EC2 instance for which you have lost the key?
11. What are some critical differences between AWS S3 and EBS?
12. How do you allow a user to gain access to a specific bucket?
13. How can you monitor S3 cross-region replication to ensure consistency without actually checking the bucket?
14. What are the Storage Classes available in Amazon S3?
15. Define and explain the three basic types of cloud services and the AWS products that are built based on them?
16. What is the relation between the Availability Zone and Region?
17. Is there any other alternative tool to log into the cloud environment other than console?
18. What are the different types of virtualization in AWS, and what are the differences between them?
19. Name some of the AWS services that are not region-specific
20. What do you mean by AWS?
21. Your organization has decided to transfer its business processes to the public cloud. However, they want some of their information/data to be accessed only by the management team. The rest of the resources will be shared among the employees of the firm. You must suggest a suitable cloud architecture for your firm and the reason for your choice.
22. Explain various types of cloud service models in brief.

23. What do you view as the most important issue with the cloud-facing companies today, and how do you keep up with the latest trends and practices?
24. What are the advantages of cloud computing?
25. What are the primary constituents of the cloud ecosystem?
26. What are the main benefits of cloud computing?
27. What is meant by Function as a Service?
28. Define the various cloud storage levels.
29. What do you mean by AMI, and how is it implemented?
30. Explain security management in terms of cloud computing.
31. What are serverless components in cloud computing?
32. Differentiate between traditional data centers and the cloud.
33. Define edge computing.
34. Mention the different kinds of data center deployments of cloud computing.
35. What are the advantages and disadvantages of serverless computing?
36. List some cloud-enabling technologies.
37. Explain the importance of microservices for a true cloud environment.
38. Elaborate on the cloud usage monitor.
39. What are the uses of APIs in cloud services?
40. List the most important metrics in cloud computing.
41. Elaborate on the cloud computing architecture.
42. Define the direct customers in a cloud ecosystem.
43. What are the cloud delivery models?
44. What do you mean by cloud technology?
45. Mention the layers of PaaS architecture.
46. List the primary features of cloud computing.
47. Who are the cloud consumers in a cloud ecosystem?
48. What are the component layers found in Cloud architecture?
49. Define on-demand functionality.
50. Differentiate between scalability and elasticity.
51. How does resource replication happen in cloud computing?
52. How does the monitoring agent go about monitoring the cloud usage?

53. How does the resource agent monitor cloud usage?
54. Define the cloud usage monitor.
55. Give some reasons why Amazon is so big.
56. How can you vertically scale an Amazon instance?
57. Explain the security usage in the Amazon Web Services model.
58. What is meant by Containers as a Service (CaaS)?
59. Define cloud-native applications.
60. How does the polling agent monitor cloud usage?
61. How would the Cloud Native Computing Foundation explain cloud-native applications?
62. What is meant by rate limiting?
63. Can you talk about the different data center deployments of cloud computing?
64. What are the most important components of AWS?
65. What is Hypervisor in cloud computing, and what are its types?
66. What version control systems have you used in previous roles and why?
67. What kind of DevOps have you previously used and why?
68. Did you ever experience a major security breach at one of your previous cloud computing-related jobs and if so, how did you handle it?
69. What is a multi-cloud and what is a multi-cloud strategy?
70. What is edge computing and how is it related to cloud computing?
71. How would you deal with a client who wants an application with higher availability than their budget can handle?
72. Can you tell me about your experience with UDP?
73. What do you think are the main benefits of cloud computing?
74. What do you think are the main benefits of cloud computing?
75. What are the different types of models commonly used for deployment in cloud computing?
76. What are the layers of Platform as a Service architecture?
77. What is a cloud-native application?
78. Briefly describe how security management is handled within cloud computing
79. What is the difference between the Hybrid Cloud and Hybrid IT?
80. What is a multi-cloud strategy?

81. What is the difference between the private subnet and public subnet?
82. How can we check if there is an open connection to a remote host?
83. Describe the difference between file based backups vs block based backups.
84. What do you do if you cannot ssh into a server?
85. What are VPNs we can connect to any private server using a VPN?
86. What are public and private IPs and why do we need them?
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