

Basic Level Questions (Fresher / AWS Cloud Practitioner)

1. What is AWS Elastic Beanstalk?
 2. What are the key benefits of using Elastic Beanstalk?
 3. Which programming languages and platforms are supported by Elastic Beanstalk?
 4. How does Elastic Beanstalk differ from EC2 and Lambda?
 5. What components does Elastic Beanstalk manage automatically?
 6. What types of applications can be deployed using Elastic Beanstalk?
 7. What is an Elastic Beanstalk environment?
 8. What is an environment tier in Elastic Beanstalk?
 9. What is the difference between a web server environment and a worker environment?
 10. What is an application version in Elastic Beanstalk?
 11. How do you deploy a new version of an application in Elastic Beanstalk?
 12. Can you stop and restart an Elastic Beanstalk environment?
 13. What AWS resources are created when an Elastic Beanstalk environment is launched?
 14. Does Elastic Beanstalk support automatic scaling of applications?
 15. How is Elastic Beanstalk priced?
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Intermediate Level Questions (1–2 Years Experience)

16. What is the role of a configuration file (.ebextensions) in Elastic Beanstalk?
 17. How do you customize the underlying EC2 instances in Elastic Beanstalk?
 18. What are deployment policies in Elastic Beanstalk?
 19. What deployment strategies are supported in Elastic Beanstalk (e.g., rolling, blue/green)?
 20. How can you monitor and view logs of an application running in Elastic Beanstalk?
 21. How does Elastic Beanstalk handle environment variables?
 22. What are saved configurations in Elastic Beanstalk?
 23. How do you configure custom domains and HTTPS with Elastic Beanstalk?
 24. Can you use a custom VPC with Elastic Beanstalk?
 25. How do you back up data from an Elastic Beanstalk environment?
 26. How do you use Amazon RDS with Elastic Beanstalk securely?
 27. How do you rollback to a previous application version in Elastic Beanstalk?
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Security & Access Management Questions

28. How does IAM work with Elastic Beanstalk?
29. What is an instance profile in Elastic Beanstalk?

30. How can you secure an Elastic Beanstalk application from the internet?
 31. How do you control user access to Elastic Beanstalk environments?
 32. What is the importance of security groups in Elastic Beanstalk deployments?
 33. How can you enable encryption for applications deployed in Elastic Beanstalk?
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Advanced / FAANG-Level or Architect-Level Questions

34. Explain the internal architecture of an Elastic Beanstalk deployment.
 35. How do you troubleshoot Elastic Beanstalk environment failures?
 36. How do you handle zero-downtime deployments in Elastic Beanstalk?
 37. What are the limitations of using Elastic Beanstalk in large-scale systems?
 38. How can you implement CI/CD pipelines with Elastic Beanstalk?
 39. How does Elastic Beanstalk handle application health and status checks?
 40. How do you decouple the database from Elastic Beanstalk to avoid data loss on termination?
 41. How would you manage configuration drift across multiple Beanstalk environments?
 42. What monitoring tools can you integrate with Elastic Beanstalk (e.g., CloudWatch, X-Ray)?
 43. How do you use Docker containers with Elastic Beanstalk?
 44. What is the difference between managing environments manually and using AWS CLI/EB CLI?
 45. Can you create and manage Beanstalk environments programmatically (e.g., using SDKs or CloudFormation)?
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Scenario-Based Questions (Bonus)

- Your Elastic Beanstalk application is failing to deploy. How would you troubleshoot it?
- How would you implement Blue-Green Deployment using Elastic Beanstalk?
- Your application needs to scale during peak hours only. How would you configure that in Beanstalk?
- How would you migrate an on-premises Java application to AWS using Elastic Beanstalk?
- Your environment has high CPU usage. What steps will you take to optimize performance?