

Q1. What is GitHub Actions and what problem in the DevOps or infrastructure space does it solve?

Answer:

Q2. Explain the core architecture or components of GitHub Actions and how they interact.

Answer:

Q3. How do you define infrastructure or configuration as code in GitHub Actions?

Answer:

Q4. How does GitHub Actions handle state management, idempotency, and convergence?

Answer:

Q5. What is GitHub Actions's approach to secrets management and sensitive configuration?

Answer:

Q6. How does GitHub Actions integrate with CI/CD pipelines for automated deployments?

Answer:

Q7. How do you debug failures or rollback a bad deployment in GitHub Actions?

Answer:

Q8. What are the security best practices when using GitHub Actions in a production environment?

Answer:

Q9. How does GitHub Actions scale for large or complex infrastructure across multiple environments?

Answer:

Q10. What are common pitfalls or gotchas teams encounter when adopting GitHub Actions?

Answer:
