

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer:

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

Answer: