

CAP Theorem - Interview Sheet

Top 10 CAP Theorem Interview Questions - Distributed Systems

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Top 10 Interview Questions

Q1. What is CAP Theorem and what primary problem does it solve in the Distributed Systems space?

Answer:

Q2. Explain the core architecture or components of CAP Theorem and how they work together.

Answer:

Q3. What are the main alternatives to CAP Theorem and when would you choose it over them?

Answer:

Q4. How do you install, configure, and get started with CAP Theorem for a new project?

Answer:

Q5. What are the key configuration options or settings that affect CAP Theorem's behavior in production?

Answer:

Q6. How does CAP Theorem handle scalability, reliability, and high availability?

Answer:

Q7. What observability does CAP Theorem provide: metrics, logs, traces, or health endpoints?

Answer:

Q8. What are the common performance bottlenecks in CAP Theorem and how do you address them?

Answer:

Q9. What security best practices should you follow when deploying CAP Theorem?

Answer:

Q10. What are the most common pitfalls or mistakes teams make when adopting CAP Theorem?

Answer:
