

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

Answer:

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**Q2.** Explain the core architecture or components of Consul and how they work together.

Answer:

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

Answer:

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

Answer:

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

Answer:

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**Q6.** How does Consul handle scalability, reliability, and high availability?

Answer:

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**Q7.** What observability does Consul provide: metrics, logs, traces, or health endpoints?

Answer:

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

Answer:

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**Q9.** What security best practices should you follow when deploying Consul?

Answer:

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**Q10.** What are the most common pitfalls or mistakes teams make when adopting Consul?

Answer:

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