

ROS/ROS2 - Interview Sheet

Top 10 ROS/ROS2 Interview Questions - Robotics

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Top 10 Interview Questions

Q1. What is ROS/ROS2 and what primary problem does it solve in the Robotics space?

Answer:

Q2. Explain the core architecture or components of ROS/ROS2 and how they work together.

Answer:

Q3. What are the main alternatives to ROS/ROS2 and when would you choose it over them?

Answer:

Q4. How do you install, configure, and get started with ROS/ROS2 for a new project?

Answer:

Q5. What are the key configuration options or settings that affect ROS/ROS2's behavior in production?

Answer:

Q6. How does ROS/ROS2 handle scalability, reliability, and high availability?

Answer:

Q7. What observability does ROS/ROS2 provide: metrics, logs, traces, or health endpoints?

Answer:

Q8. What are the common performance bottlenecks in ROS/ROS2 and how do you address them?

Answer:

Q9. What security best practices should you follow when deploying ROS/ROS2?

Answer:

Q10. What are the most common pitfalls or mistakes teams make when adopting ROS/ROS2?

Answer: