Lesson 4

"observability vs monitoring"

Socialize vocabulary about the video "observability vs monitoring".

Observability

The ability to understand the internal state of a system based on its external outputs, allowing for effective monitoring, debugging, and troubleshooting.

Monitoring

The process of systematically observing, checking, and tracking the performance, health, and behavior of a system or application over time to ensure it meets specified criteria.

Metrics

Quantifiable measures or data points that provide insights into the performance and behavior of a system, helping in monitoring and decision-making.

Logging

The practice of recording and storing specific events, messages, or data entries generated by a system, which can be useful for debugging, auditing, and analysis.

Tracing

Capturing and recording the flow of a transaction or activity across various components or services in a system, aiding in understanding and optimizing the system's behavior.

Incident Response

The structured approach and process for managing and mitigating the impact of unexpected events or issues in a system, ensuring a quick and effective resolution.

System Performance

The overall effectiveness, responsiveness, and efficiency of a system, including its ability to handle workloads, respond to requests, and deliver services within acceptable parameters.

Watch the video "observability vs monitoring".

LINK: "observability vs monitoring". https://www.youtube.com/watch?v=C2j2OA52spE

Discussion questions based on the previous video.

- Distinguishing Factors: What are the key differences between observability and monitoring, and how do these distinctions contribute to a more comprehensive understanding of system behavior?
- Practical Applications: In what real-world scenarios or industries do you think observability would be more beneficial than traditional monitoring, and vice versa? Share examples to support your perspective.
- Implementation Challenges: Discuss potential challenges or obstacles organizations might face when transitioning from monitoring-centric approaches to embracing observability. How can these challenges be addressed for a successful integration?