

Improve Resilience with Automated Chaos Engineering

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Fundamental goals with chaos engineering

- Improve resilience and performance
- Uncover hidden issues
- Expose blind spots Monitoring, observability, and alarm
- And more

Phases of chaos engineering































Use case example: Ecommerce web app

























Use case example learnings

- Frequent deployments are hard to cover manually
- To cover an extensive set of experiments is time-consuming
- Unknown parts of the system might change
- Systems are becoming more complex









Recurring scheduled experiments Event-triggered experiments









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Periodic game days



Automated experiments

Takeaways

- Automation helps us cover a larger set of experiments
- Automated experiments verifies our assumptions over time
- Safeguards and stop conditions are key to safe automation
- You should still continue with manual experiments





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Thank you!

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