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# Litmus Chaos

Open Source Chaos Engineering platform

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# What is it?

Litmus is an open source Chaos Engineering platform that enables teams to identify weaknesses & potential outages in infrastructures by inducing chaos tests in a controlled way.

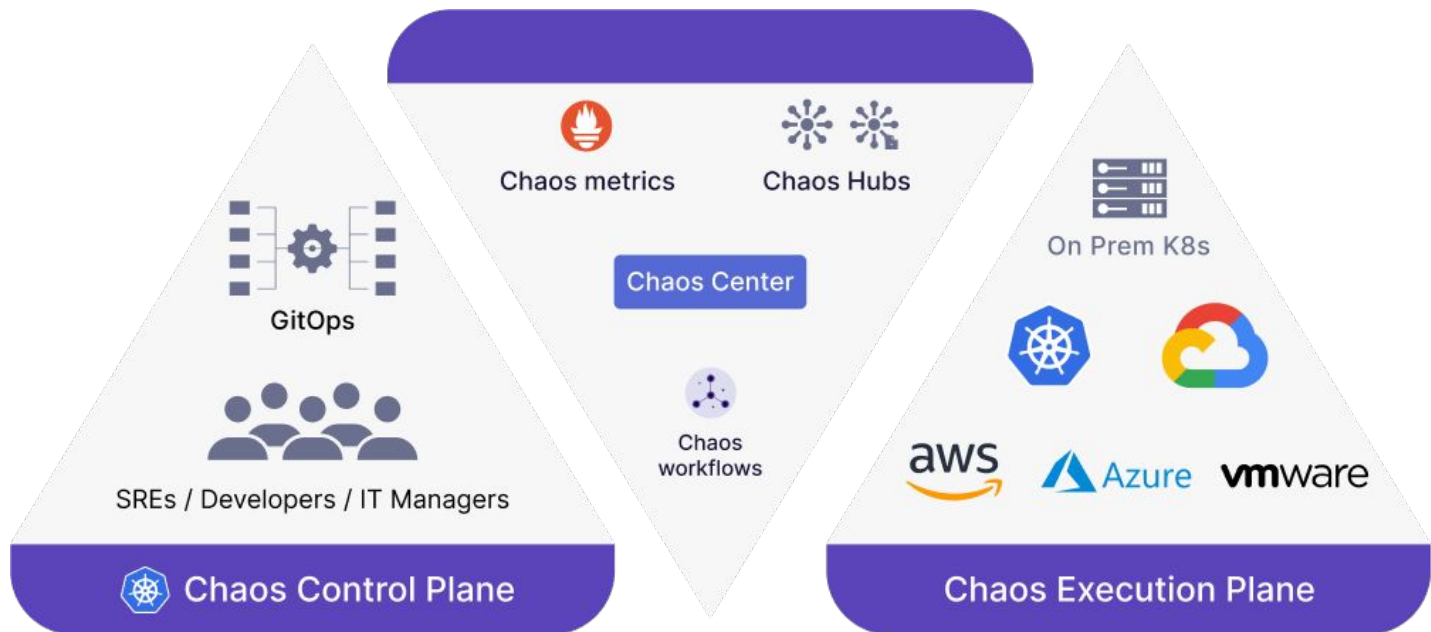
Developers & SREs can simply execute Chaos Engineering with Litmus as it is easy to use, based on modern chaos engineering practices & community collaborated. Litmus is 100% open source & CNCF-hosted.



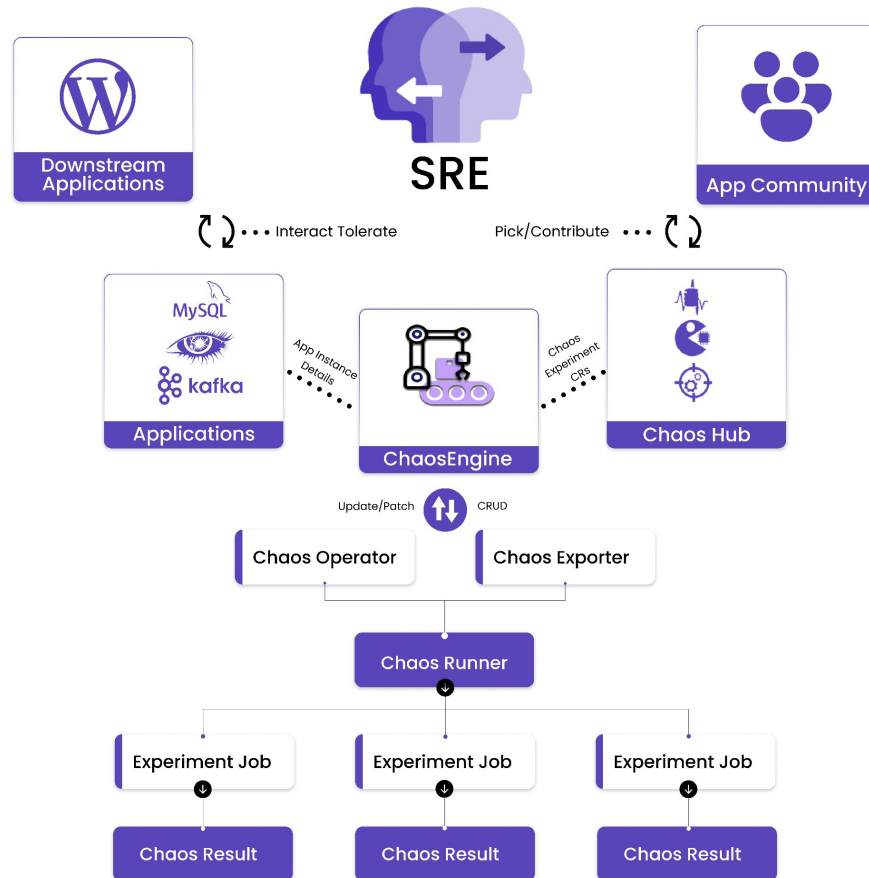
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# Litmus high-level



# Chaos operator flow



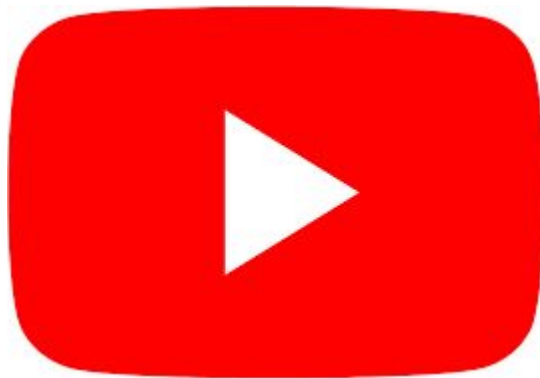


## For who is Litmus? use cases

- **For Developers:** To run chaos experiments during application development as an extension of unit testing or integration testing.
- **For CI/CD pipeline builders:** To run chaos as a pipeline stage to find bugs when the application is subjected to fail paths in a pipeline.
- **For SREs:** To plan and schedule chaos experiments into the application and/or surrounding infrastructure. This practice identifies the weaknesses in the deployment system and increases resilience.



Demo





# Resources

- Litmus Chaos GitHub: <https://github.com/litmuschaos/litmus>
- Litmus Chaos documentation: <https://docs.litmuschaos.io>
- Litmus developer guide for experiments: <https://litmuschaos.github.io/litmus/experiments/categories/contents/#generic>
- Litmus Chaos public Hub: <https://hub.litmuschaos.io>
- Litmus files used in the demo: <https://github.com/ptrnull/litmus-demo>





Questions?



Gracias