Gremlin Chaos Engineering Platform

Build more reliable systems

Gremlin

Why Gremlin?

- Chaos Engineering with Gremlin helps proactively detect and fix issues in applications and infrastructures to avoid costly outages.
- Run GameDays and FireDrills to prepare teams for failures and accurately tune monitoring and alerting tools before an outage occurs.
- Find bugs early to push higher quality code and rerun experiments to prevent configuration drift.
- Applying Chaos Engineering with Gremlin prior to launch can prepare applications for common failure scenarios and test for reliability.

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Advanced Technology Partner

DevOps Competency

Marketplace Seller

Amazon Linux 2

Product overview

Gremlin is the enterprise Chaos Engineering platform, built by the experts who pioneered Chaos Engineering at Amazon and Netflix. Chaos Engineering is the best way to proactively test applications for reliability. By running real-world failure scenarios, you can build confidence that complex distributed systems will deliver an uninterrupted customer experience. Backed by years of specialized experience in Chaos Engineering, the platform was designed to be simple, safe, secure, and comprehensive for engineering teams to comprehensively test their entire stack for resilience.

Gremlin features

MONITORING and ALERTING
Replicate common issues such as runaway processes and unreachable services to confirm that precise alerts go out to the correct team members at the right time.

INCIDENT RESPONSE
Create or test your playbooks with real-world failures like database node failures or lost connectivity to test their ability to resolve the issues that arise.

MICROSERVICES and KUBERNETES
Test your policies and train your teams to understand how their new systems behave in various failure modes to gain confidence in each release.

DEPENDENCY MAPPING and TROUBLESHOOTING
Running network and state attacks against your dependencies can help you determine if your systems can fail gracefully and independently.

DISASTER RECOVERY
Double-check that the restore process will run smoothly by running a region or database loss exercise.

CLOUD MIGRATION
Make sure you have properly set up your cloud environment to take advantage of autoscaling and replication with tests like region failure and resource usage spikes

How it works

Chaos Engineering is the best way to test modern, complex systems for common failures in order to build more reliable systems. It is the practice of performing thoughtful, controlled testing to reveal weaknesses in a system. In this way, Chaos Engineering is the capstone of the modern development toolchain.
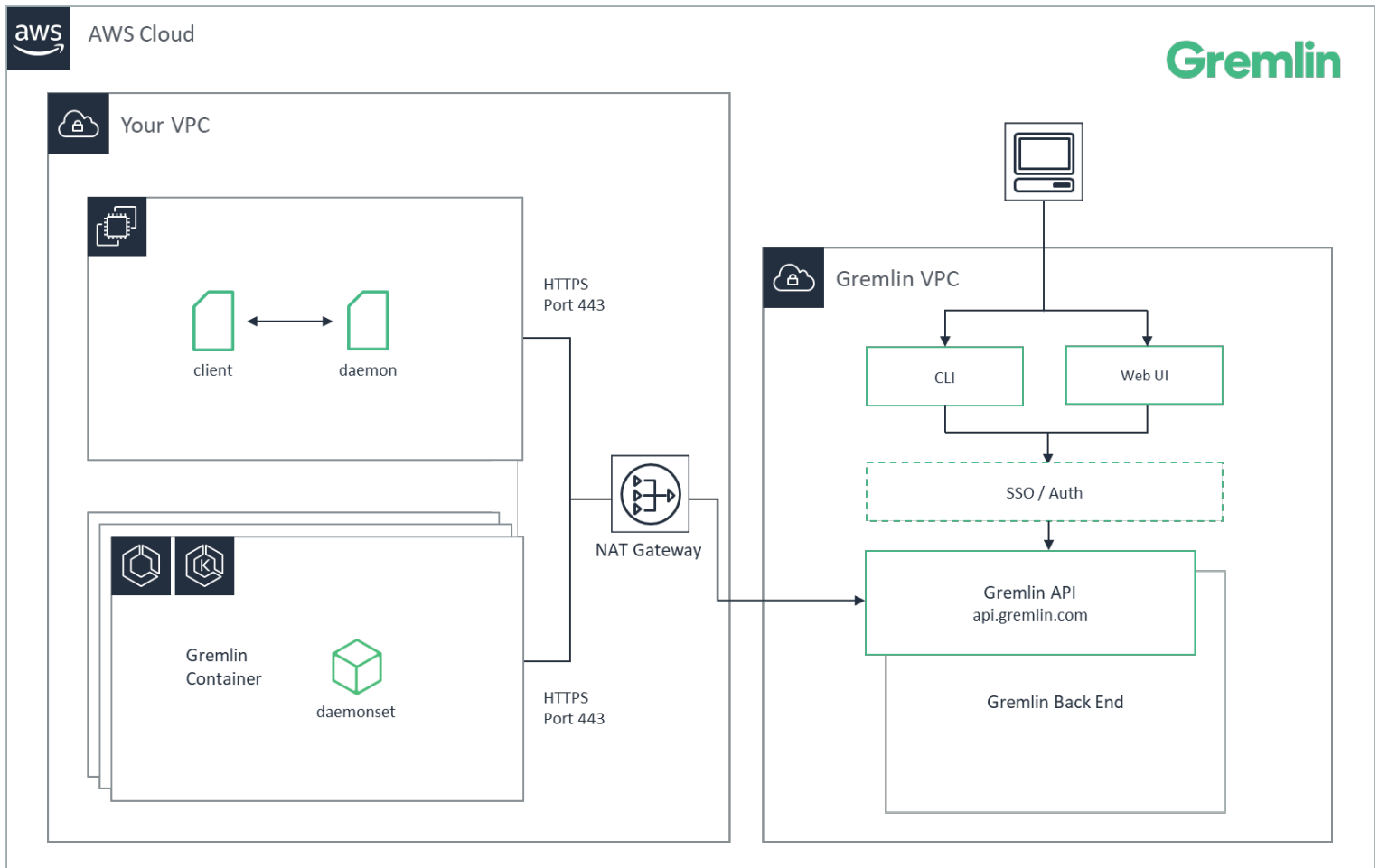
Differentiators

- CLOUD & ON-PREM AGNOSTIC
- MINUTES TO SET UP
- INTUITIVE UI & CLI
- ELEGANT API
- AGENTS NEVER RUN AS ROOT
- RBAC FOR ACCESS CONTROL
- MFA FOR SECURE AUTHENTICATION
- SSO TO LEVERAGE EXISTING IDENTITY
- SOC II COMPLIANT

Solution available in [AWS Marketplace](#)