**Experiment: -** **Pod Kill with Service Disruption**

**Introduction**

This Chaos Mesh workflow is designed to test the resilience of the ledgerwriter service in the boa namespace by introducing network latency, pod disruptions, and resource stress conditions. The experiment helps assess how the system behaves under adverse conditions and ensures that the service can recover gracefully.

**Expected Outcome**

**Network Latency**: The service will experience increasing latency (25ms to 100ms) in sequential steps, allowing observation of response degradation.

**Pod Kill Chaos:** Pods will be randomly terminated every 30 seconds to simulate failures and test auto-recovery mechanisms.

**CPU & Memory Stress:** The service will experience high CPU and memory usage, evaluating performance under heavy load.

The combined impact of these disruptions will help identify bottlenecks, validate failover mechanisms, and improve system reliability

**Execution**

**/root/hymavathi/service-discruption.yaml**

**./script**