**Experiment: -** **Bandwidth Limitation Chaos Experiment**

**Type: Network Chaos**

**Introduction**

network stability and bandwidth availability. This Chaos Mesh experiment introduces a bandwidth limitation on the frontend service in the boa namespace. By simulating a constrained network environment, we can assess how the application handles slow network speeds, congestion, and potential performance degradation

**execution**

cd/hymavathi/ingress\_ddos

./script.sh

**Expected Outcome**

Since the frontend pod is responsible for handling UI requests, a **10kbps bandwidth limit** will **severely slow down** data transfer

* **Network Error"**
* **"Request Timed Out"**
* **"Failed to Load Resources"**

**Increased response time:**

The frontend service will experience slower communication with backend services due to restricted bandwidth.