Pod http modify header

Introduction

In chaos engineering, modifying HTTP headers in pods refers to intentionally altering the headers of HTTP requests or responses exchanged between services running in Kubernetes pods. This technique is used to simulate scenarios where the content or metadata of network traffic is modified unexpectedly, helping to assess the resilience of the system and how well it handles such modifications.

* It injects http modify header on the service whose port is provided as TARGET\_SERVICE\_PORT by starting proxy server and then redirecting the traffic through the proxy server.
* It can cause modification of headers of requests and responses of the service. This can be used to test service resilience towards incorrect or incomplete headers.

Impact can be seen with “ curl -X GET <IP> -l