



Traffic Management

Spike Arrest



- Help protect your API proxy's target backend against severe traffic spikes and denial of service attacks
- Used to control requests by the second and minute
- Typically used in the "preflow"

Quota

 Quota  Reset Quota

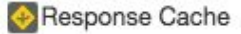
- Used to limit number of requests over a period of time such as a minute, hour, day, week, or month.
- Could be the same limit for everyone, or configure based on product, developer, etc
- Typically used in the “preflow”
- “Reset Quota” is used to reset the quota

Concurrent Rate Limit

Concurrent Rate Limit


- Throttles inbound connections from Edge to your backend services
- Used to limit the number of concurrent connections
- Not typically used but is available
- Needs to be attached to the both the request and response flows in the Target endpoint

Response Cache




- Used to cache the whole HTTP response (including body, headers, status code, etc)
- Response Cache policy can improve performance by retrieving response from the cache instead of back end
- Policy attached in both the request and response flows
- Typically only used with GET calls

Cache

 Lookup Cache

 Populate Cache

 Invalidate Cache

- Used to cache specific pieces of data within the proxy
- Examples of using cache:
 - tokens, service callout responses, data from previous calls, etc
- Use the “populate”, “lookup” and “invalidate” policies to control the cache



Thank You