

## Context

Our Sdk clients need to know the status of the backend services to ensure the reliability of their applications. We need to provide a way to check the status of the backend services.

## Decision

To address this need, we have decided to implement a new service within the backend infrastructure. This service will be responsible for querying a Prometheus endpoint to determine the status of backend services.

Given the potential high frequency of requests from various SDK clients, we have opted to implement a cache-aside strategy with a duration of 5 seconds to minimize the load on the Prometheus endpoint.

Additionally, the healthcheck service will send not only the "Up" or "Down" status but also a "degraded" status if a service is up but malfunctioning.