Performance Test Report

Executive Summary

The system demonstrates stable scaling behavior up to 45 concurrent threads.
Peak stable throughput: 230.76 requests/sec.
Average latency remains under 200ms for tested loads.
P99 latency spike at the highest concurrency indicates potential resource contention.
Recommended Production Concurrency: 45 threads
Estimated Safe Throughput: 230.76 req/sec

Latency & Throughput Trends

P99 Latency Trend

Throughput Trend