

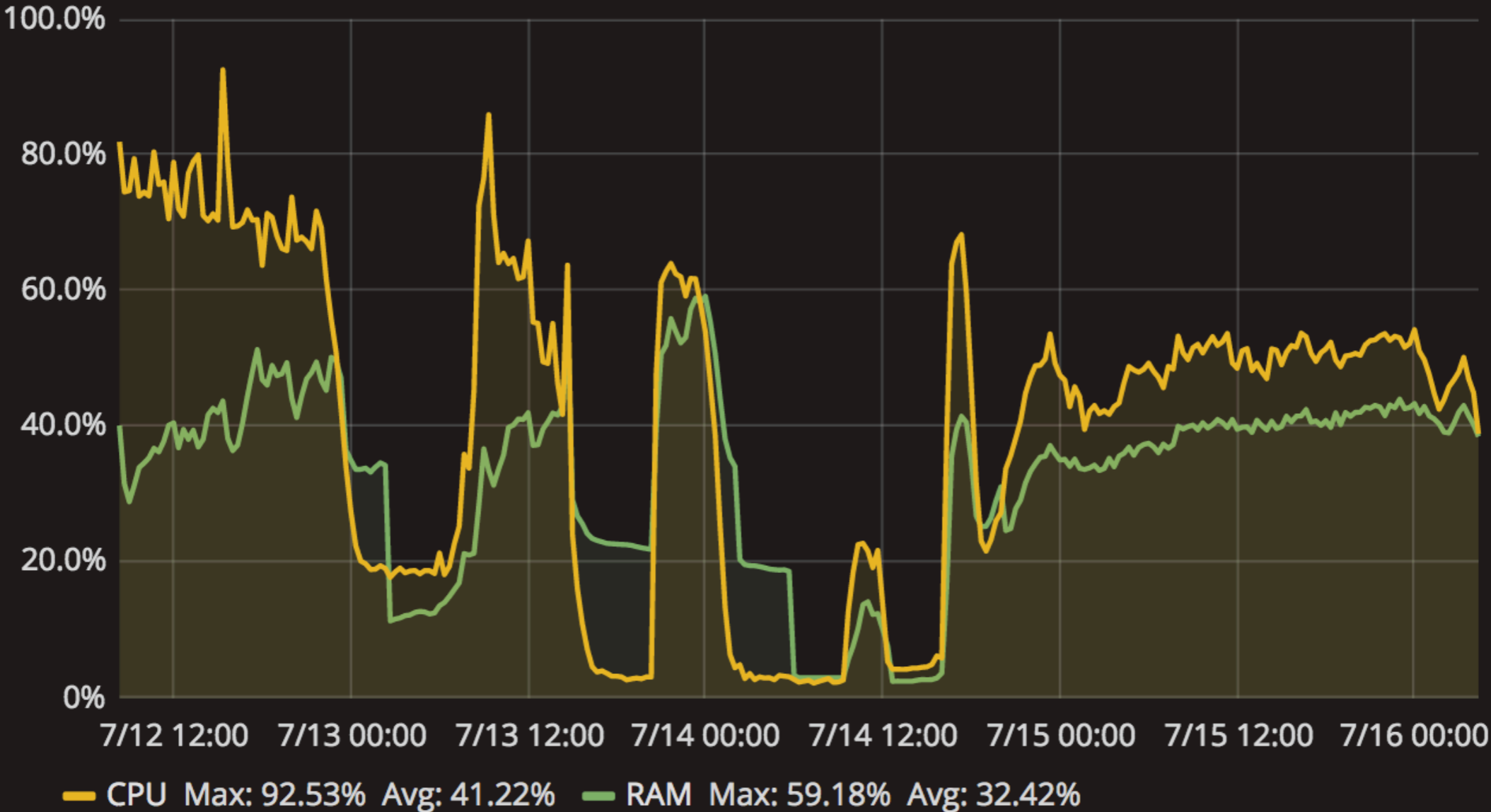
50% Utilization and Beyond

Removing the Blindfold with Prometheus

PromCon 2017

Stephan Erb

Cluster Utilization

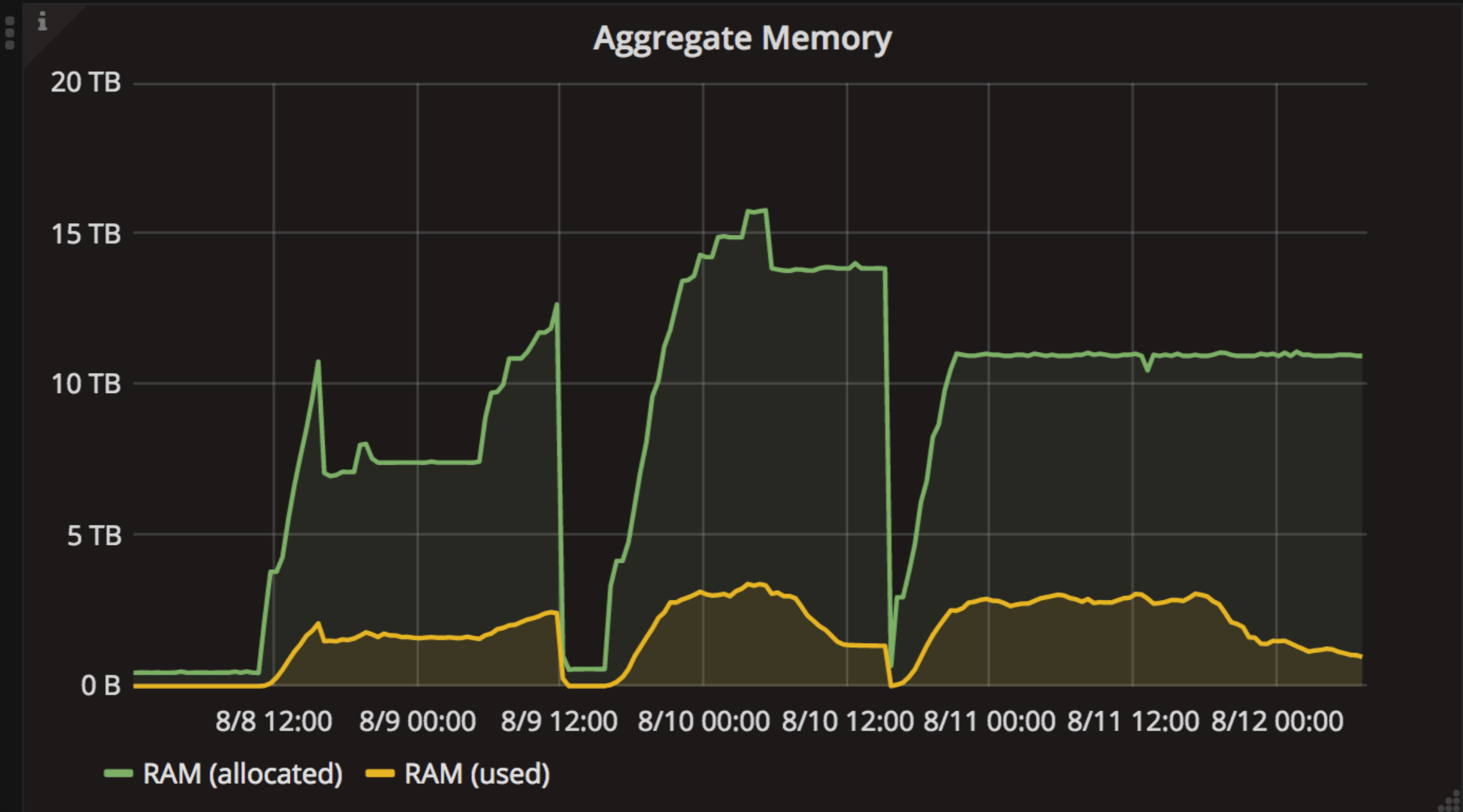


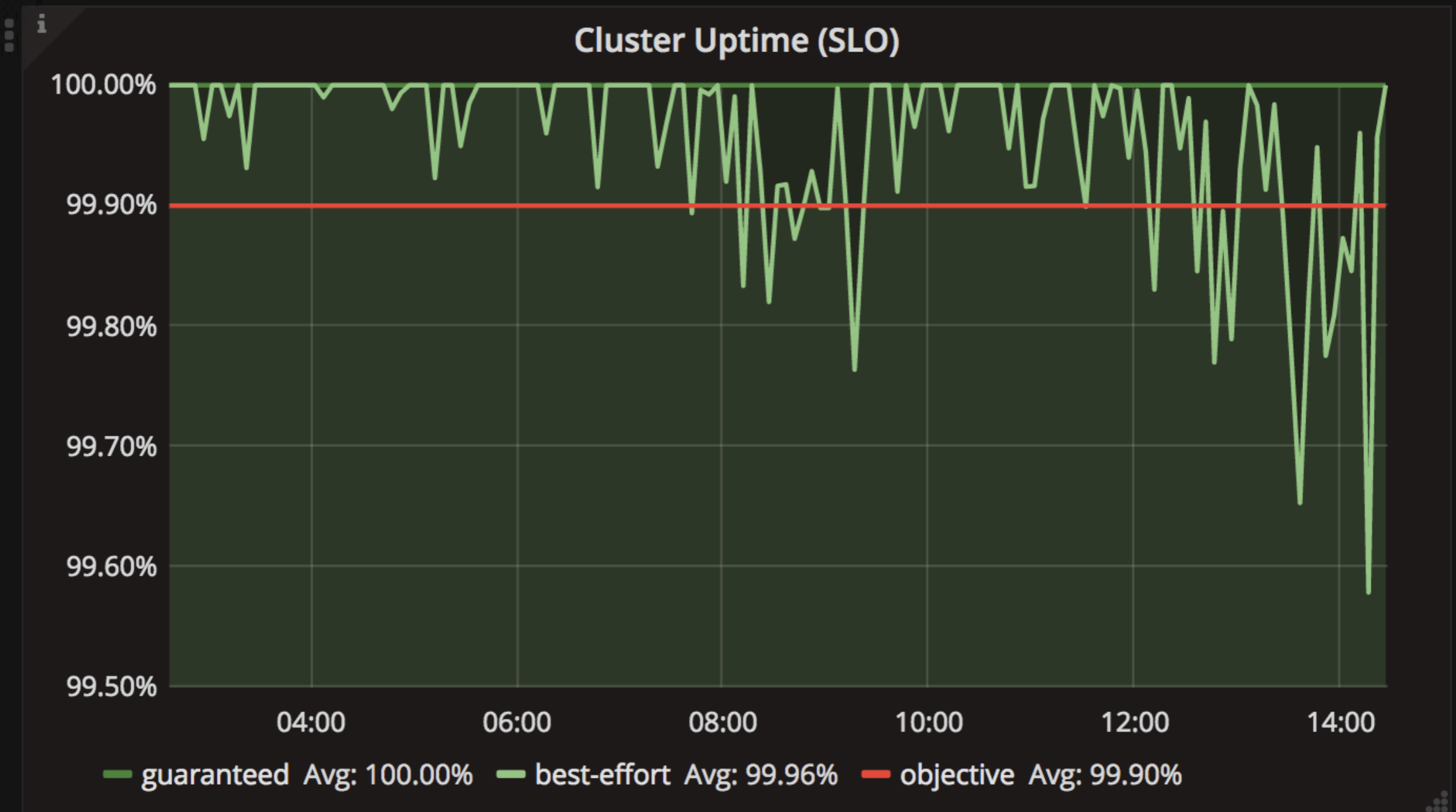
role

c0070001 ▾

environment

devel + prod + staging ▾





```
ALERT ServiceLevelObjectiveBreached
  IF (
    sum(
      rate(http_request_latency_seconds_bucket{le="1"} [5m])
    ) by (job)
    /
    sum(
      rate(http_request_latency_seconds_count [5m])
    ) by (job)
  ) < 0.95
  FOR 5m
  LABELS { severity = "page" }
  ANNOTATIONS {
    summary = "Service {{$labels.job}} is slow.",
  }
```

Nagios®



```
MCE 0
```

```
CPU 25 THERMAL EVENT TSC 1ec5d566523daaf
```

```
TIME 1499861965 Wed Jul 12 12:19:25 2017
```

**Processor 25 heated above trip temperature.
Throttling enabled.**

Please check your system cooling.

Performance will be impacted

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