Node.js A6 Team

Trouble 2. Experimental Monitoring

오픈소스 모니터링 툴 Netdata를 각 인스턴스에 설치하여
레이어 별 상세 리소스 사용률 실시간 파악

server2 Connection to Cloud UTC +9 Playing 23. 3. 12. • 14:05 → 14:10 • last 5min

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System Overview

Overview of the key system metrics.

cpu

Total CPU utilization (all cores). 100% here means there is no CPU idle time at all. You can get per core usage at the CPUs section and per application usage at the Applications Monitoring section.

Keep an eye on **iowait** (0.00%). If it is constantly high, your disks are a bottleneck and they slow your system down.

An important metric worth monitoring, is **softirq** (2.54%). A constantly high percentage of softirq may indicate network driver issues. The individual metrics can be found in the kernel documentation.

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idlejitter
interrupts
softirqs
softnet
entropy
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ipc message queues
ipc semaphores

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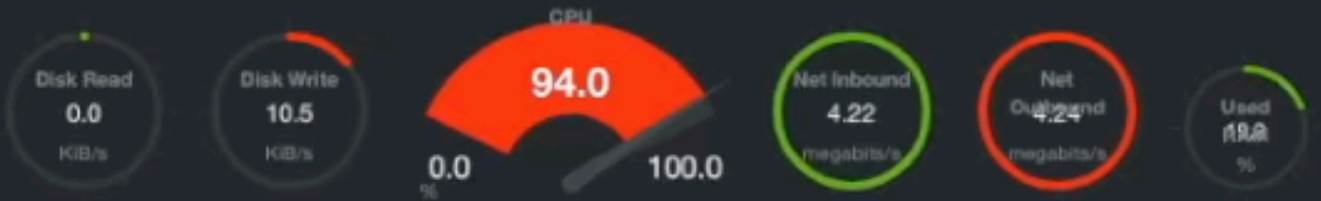

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08.180:19999/#menu_apps

테스트 툴 마다의 지표 정의가 조금씩 다르고, 레이어 별 상세 리소스 사용률 추적이 어려운 상황. (CloudWatch, Naver cloud 모니터링의 경우 딜레이 발생)

지표 이슈 : 성능 평가 지표를 어느 수준까지 신뢰 할 수 있는가?

nGrinder의 MTT(Min Test Time) 을 Latency로 판단 가능한가?

모니터링 이슈 : 레이어별 리소스 사용률을 파악하기 위한 툴?

AWS의 모니터링 결과를 신뢰 할 수 있을까?

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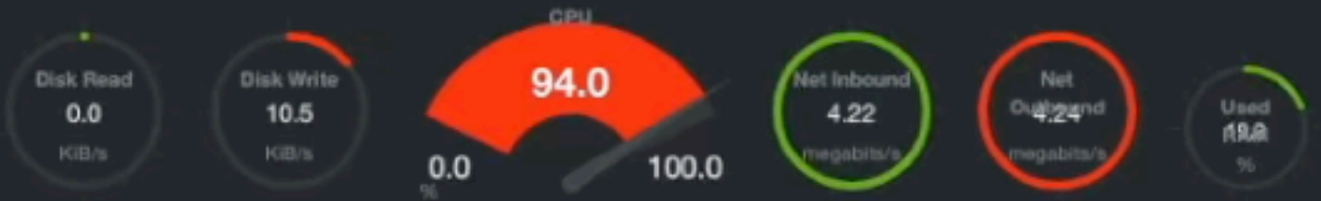

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문제상황

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가설 및 정의

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해결방안

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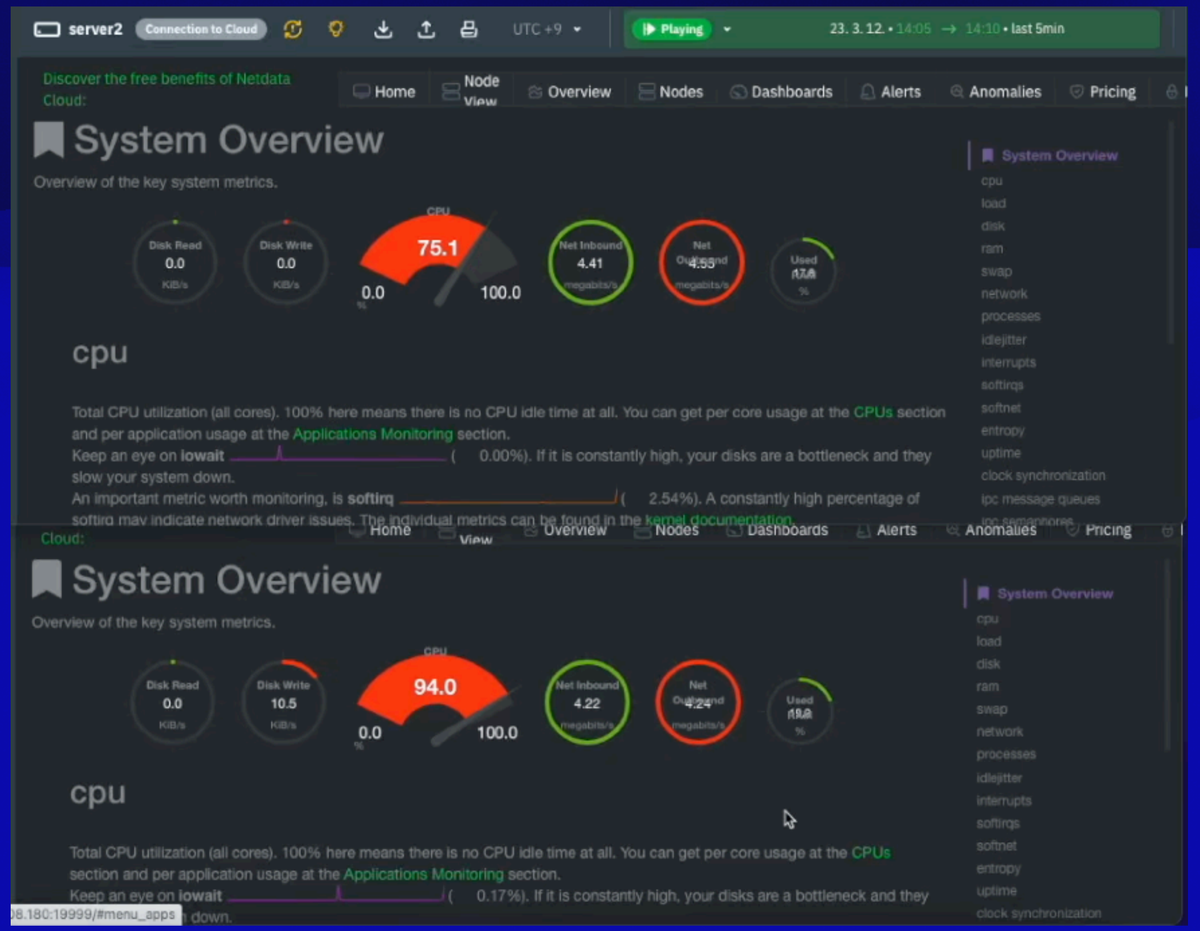

Trouble 2. Summary