ADEWOPS PRACTITIONERS



EVERY MINUTE NEW RELIC HANDLES:

40M+ HTTP REQUESTS

1.8B+ NEW DATA POINTS

1000T+ EVENTS QUERIED

LEAD DEVELOPMENT TEAMS?

ARE DEVELOPERS?

ARE ON-CALL?

OWNERSHIP

OWNERSHIP

- DOWNING SOFTWARE ARCHITECTURE AND PROJECT WORK
- DOWNING OBSERVABILITY
- **DEPLOYMENT**

OWNING SOFTWARE ARCHITECTURE AND PROJECT WORK



DESIGNING FOR RESILIENCY





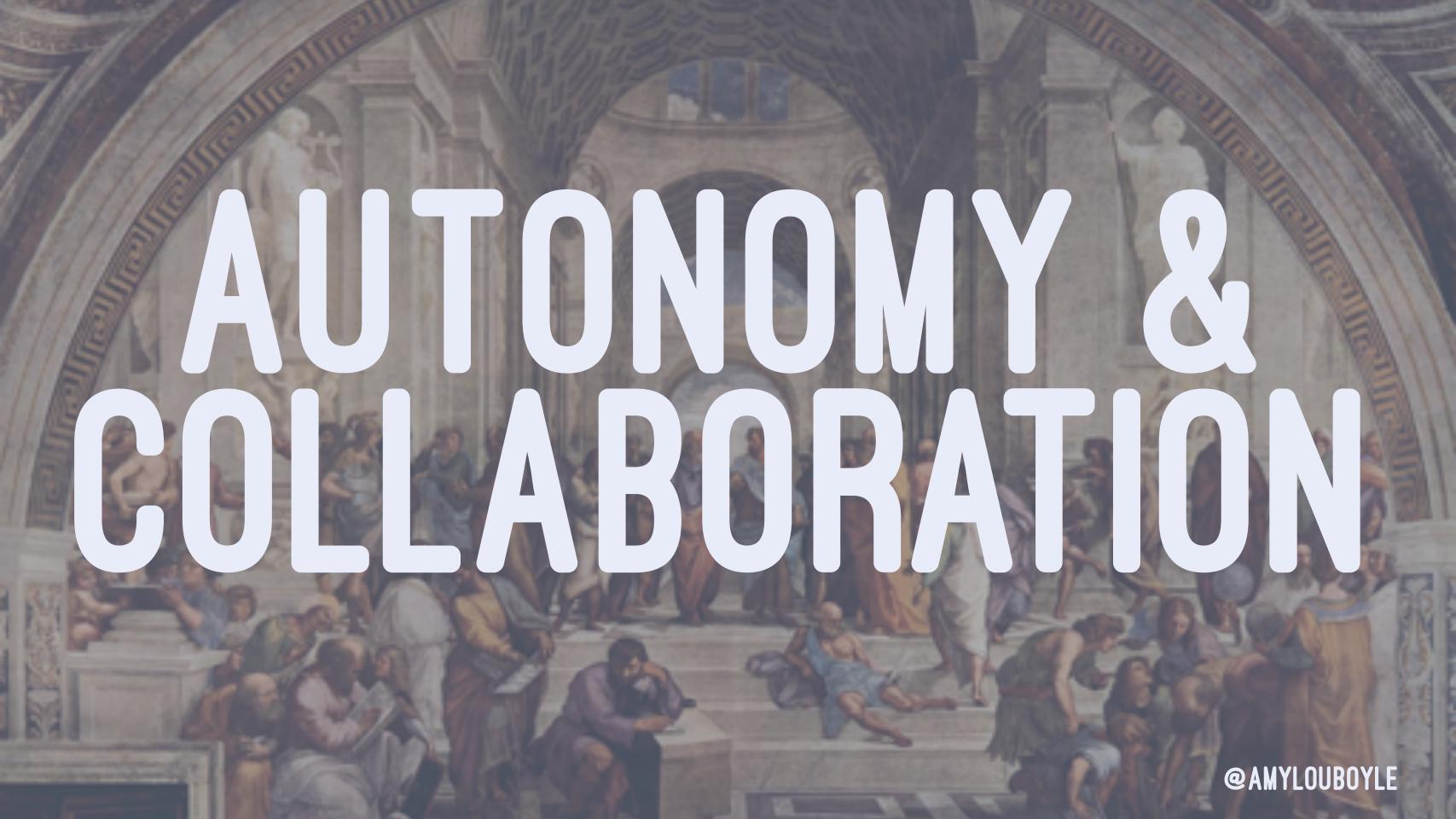




TEAMS DEAL WITH THEIR OWN CRUFT AND ARE EMPOWERED TO FIX IT.

@AMYLOUBOYLE















OWNING OBSERVABILITY

MOTIVATIONS FOR MONITORING

- **DEVELOPMENT**
- CUSTOMER COMPASSION
- > BUSINESS INTELLIGENCE

DEVELOPMENT

- FEATURE VISIBILITY
- **TROUBLESHOOTING**
- **CAPACITY**

Q. Search 4 attributes

APPROVE CASH SHIP SHIP Add Dashboard Note: 1





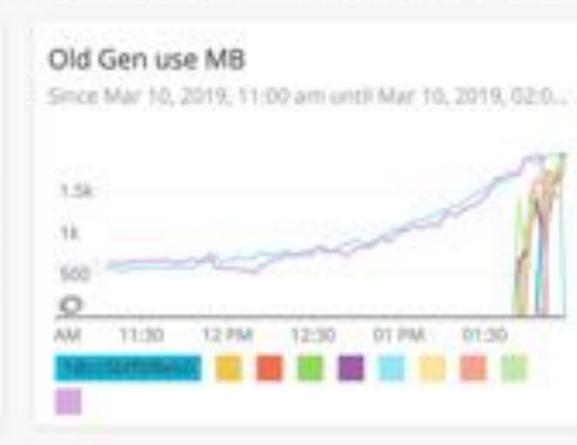


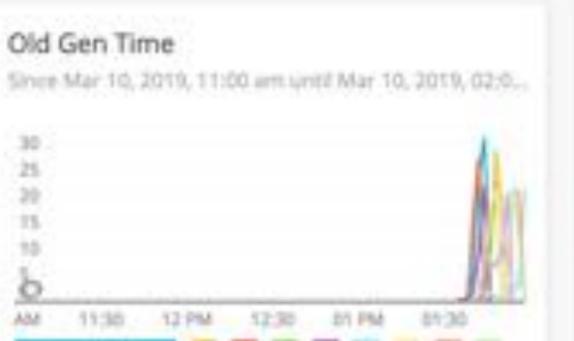
reated by involunta ast edited 1/15/19

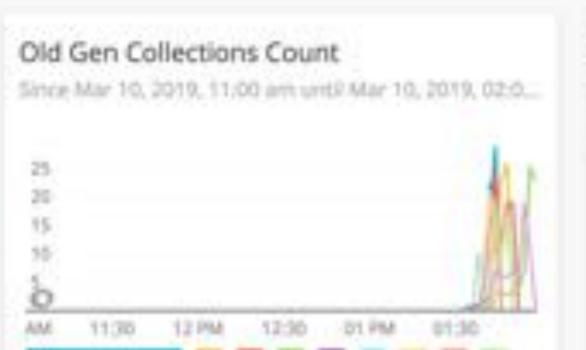
From Mar 10, 2019, 11:00 am to Mar 10, 2019, 02:00 pm PDT X









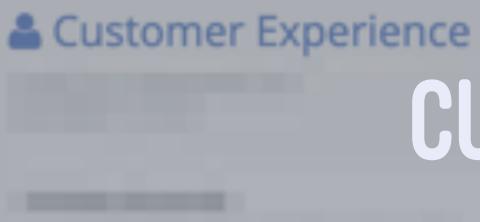


Deployed versions

Since Mar 10, 2019, 11:00 am until Mar 10, 2019, 02:0...

and a second state	49
release-121	65











CUSTOMER COMPASSION

- > SERVICE QUALITY
- > SLOS











- > WHO IS USING YOUR PRODUCT
- > ROI



@AMYLOUBOYLE

THINGS TO MONITOR:

- > SYSTEM/APPLICATION BOUNDARIES
- > DECISION POINTS
- **BOTTLENECKS**
- PRIMARY INDICATORS OF SERVICE QUALITY

KEEP MONITORING ASYNCHRONOUS



METRICS. EVENTS. LOGS. TRACES

PETER BECKER / HTTP://BIT.LY/2HGKAN5 / CC-BY

METRICS

- > PRE-AGGREGATED
- LIGHTWEIGHT

EVENTS

- POINT IN TIME/SAMPLE
- DETAILED

TRACES

TRACES PATH ACROSS SERVICES



METRICS. EVENTS. LOGS. TRACES

MONITORING-MENTALITY

SHARED CODE? TEMPLATES? HAVE YOUR MONITORING BUILT INTO THAT.

OWNING THE DEPLOYMENT



NRQL> SELECT count(*) from GatekeeperChecks where cabRecorded is not null and decision = 'Override ŧΞ Embed OVERRIDE REASON C GATEKEEPER CHECKS C unrelated 311 not related 144 12 stop bothering me OMG it fine 12 GK is too sensitive No one takes you seriously GK 6

pffffft

why would I care about synthetics minions

6

6

ALERING

UNEXPECTED PROBLEMS THAT YOU NEED A HUMAN TO FIX



SQUISH FALSE ALERTS

- > ADD ALLOWED LATENESS
- TUNE TO BE MORE OR LESS SPECIFIC
- REPLACE THE ALERT
- DELETE THE ALERT



BETTER INCIDENT MANAGEMENT TO REDUCE MTTR





IT'S NOT OWNERSHIP IF YOU'RE NOT ALLOWED TO FIX IT

OWNERSHIP

OWNING SOFTWARE ARCHITECTURE AND PROJECT WORK

- TREAT MAINTAINABILITY AS RELIABILITY
- > AUTONOMY REQUIRES EFFECTIVE COLLABORATION

OWNING OBSERVABILITY

- BUILD MONITORING INTO YOUR SYSTEM
- SHARE MONITORING BETWEEN TEAMS

OWNING THE DEPLOYMENT

- MERCILESSLY SQUISH FALSE POSITIVE ALERTS
- DON'T REPEAT INCIDENTS

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