



GOPS2017
Shenzhen



快速发布 〇 出局!

我是谁？



Jagan Subramanian, JFrog 全球研发副总裁

- 解决方案架构, 伙伴和生态, R&D 和支持

曾任甲骨文高级总监 (16年)

- First CRM SaaS (1999)
- Business Intelligence for EBS, FusionApps
- SDLC for Apps (EBS, PeopleSoft, Siebel, FA) - 管理工程流程, PSP/TSP
- Post M&A 上线, 集成(中间件)
- 系统工程 (持续集成/持续交付流程, 工具链, 云化部署架构, 敏捷开发流程)

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王青
JFrog 中国首席架构师

www.jfrogchina.com

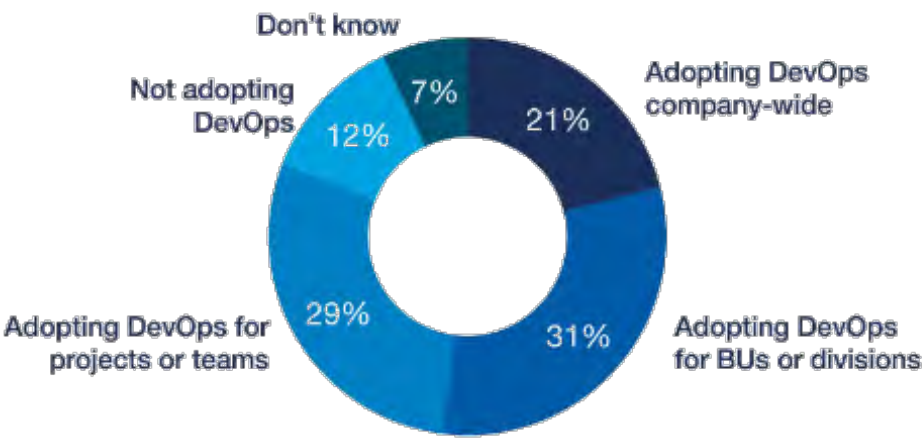
IBM 新浪 爱奇艺 VIPKID HPE

软件生命周期管理， DevOps
虚拟化，微服务架构，容器化



全球81%的公司已经开始实践 DevOps

Enterprise Adoption of DevOps



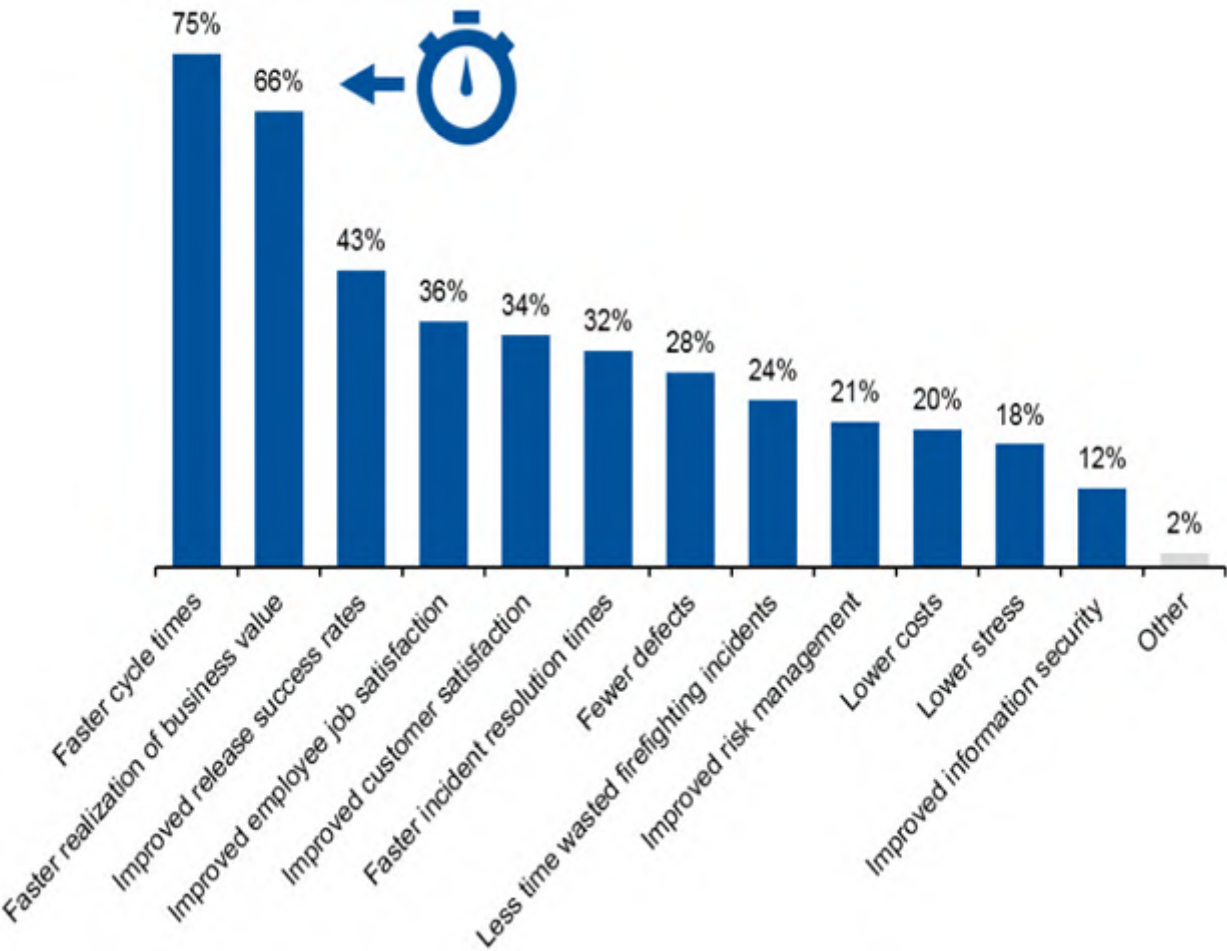
落地 DevOps 的好处

Source: RightScale 2016 State of the Cloud Report

Benefit/Metric	Improvement
Increased collaboration between departments	23% ↑
Improved quality of our deployed applications	22% ↑
Increased numbers of customers using our software/services	22% ↑
Fewer employees working on developing and deploying our software/services	21% ↓
New software/services that would otherwise not be possible/explored	21% ↑
Reduced time-to-market for our software/services	20% ↓
An increase in revenue	19% ↑
Our software/services made available across more platforms	19% ↑
A reduction in spend on development and operations	18% ↓
Increased frequency of deployments of our software/services	17% ↑

Source: CA Technology Exchange

Percent of Respondents



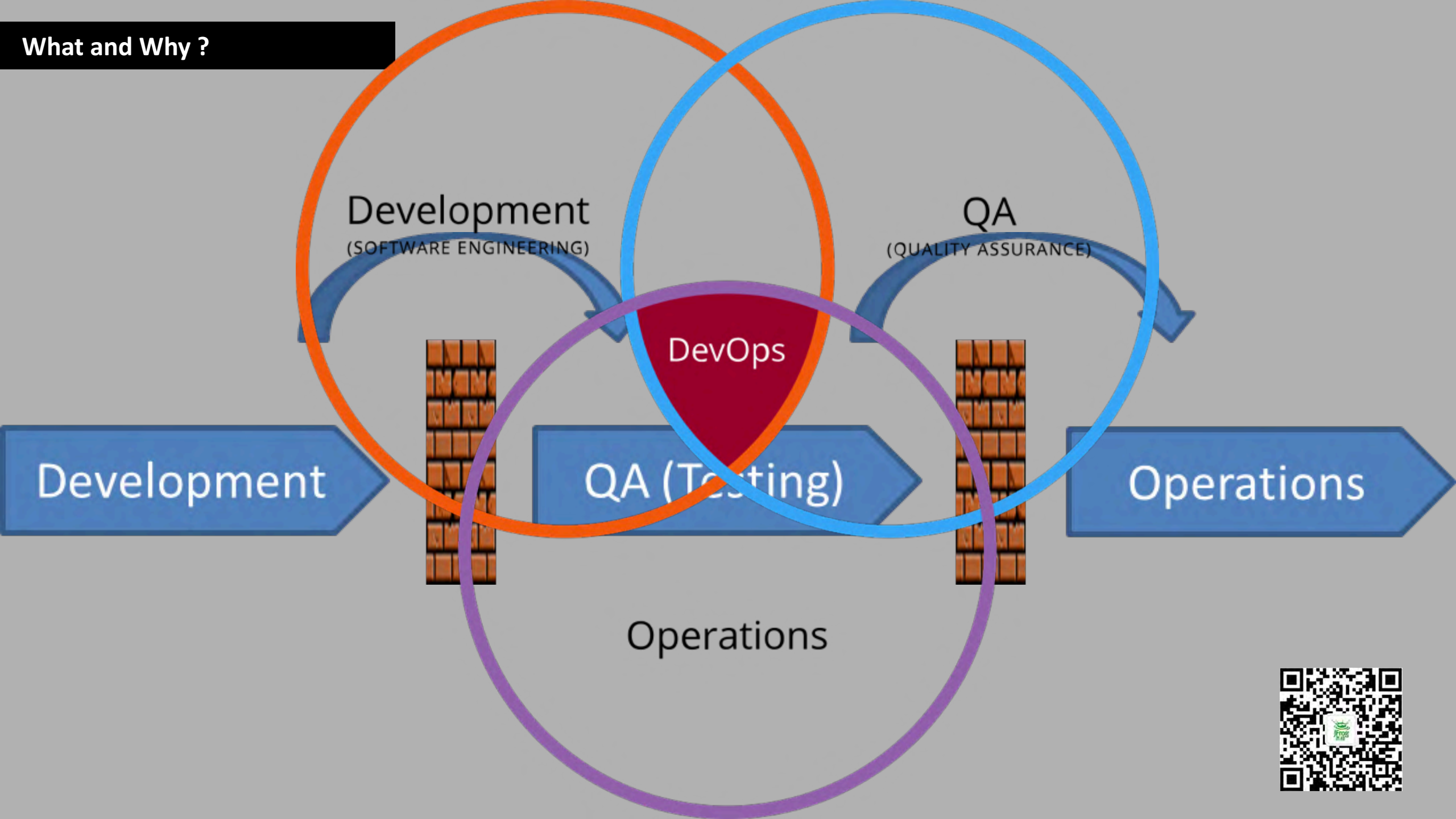
Source: Gartner May 2016

快速 & 质量



自动化

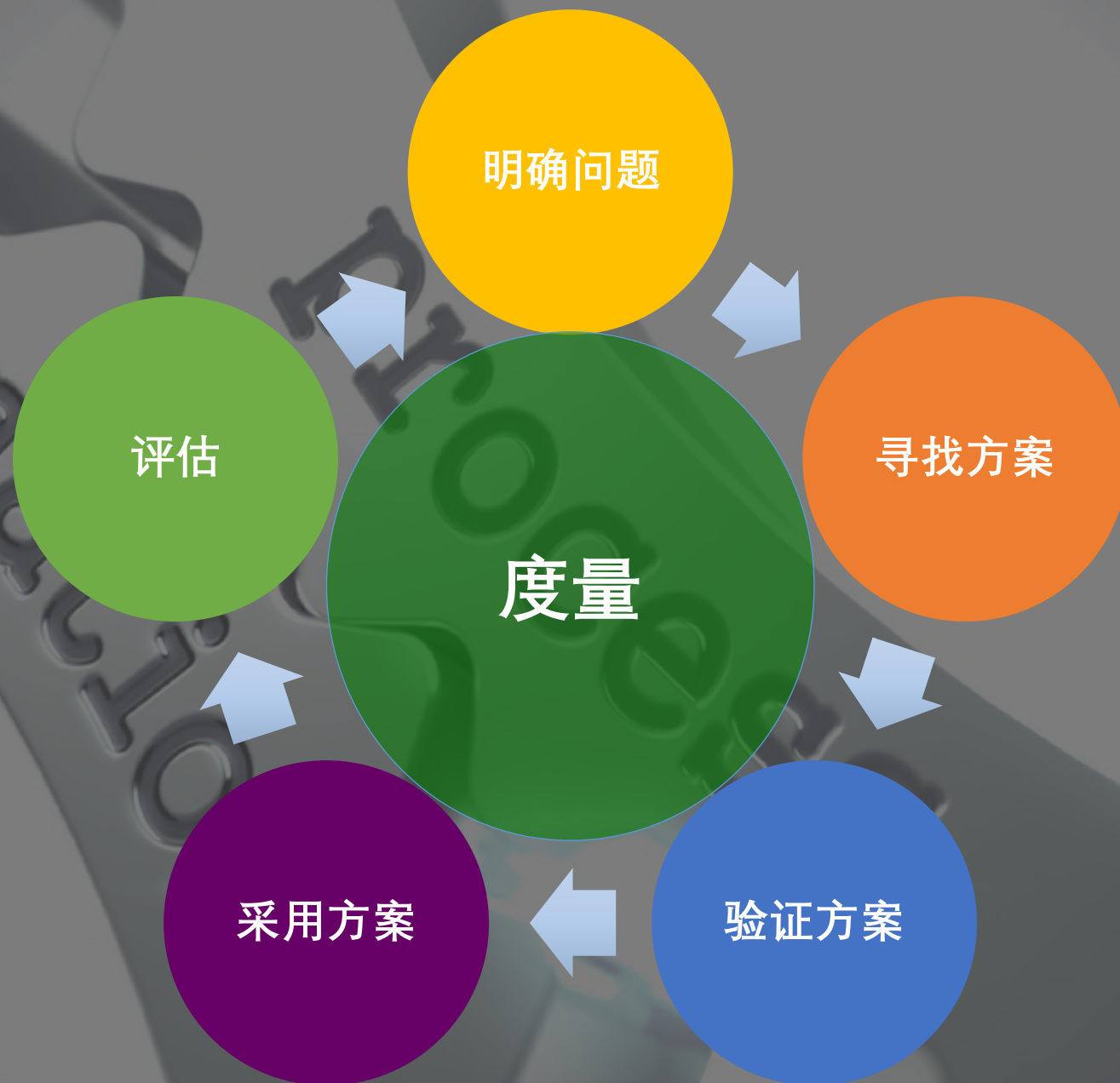
What and Why ?



- 重复大规模构建浪费时间
- 复杂的循环依赖
- 大规模重复存储
- 内部接口和外部接口并没有隔离，解耦
- 依赖关系不清晰，导致依赖混乱
- 把开发者视角当成客户视角
- 当前的工具和基础架构不灵活
- 缺乏透明度
- 难以转型新的技术
- 新需求 – Cloud !



我该怎么办？

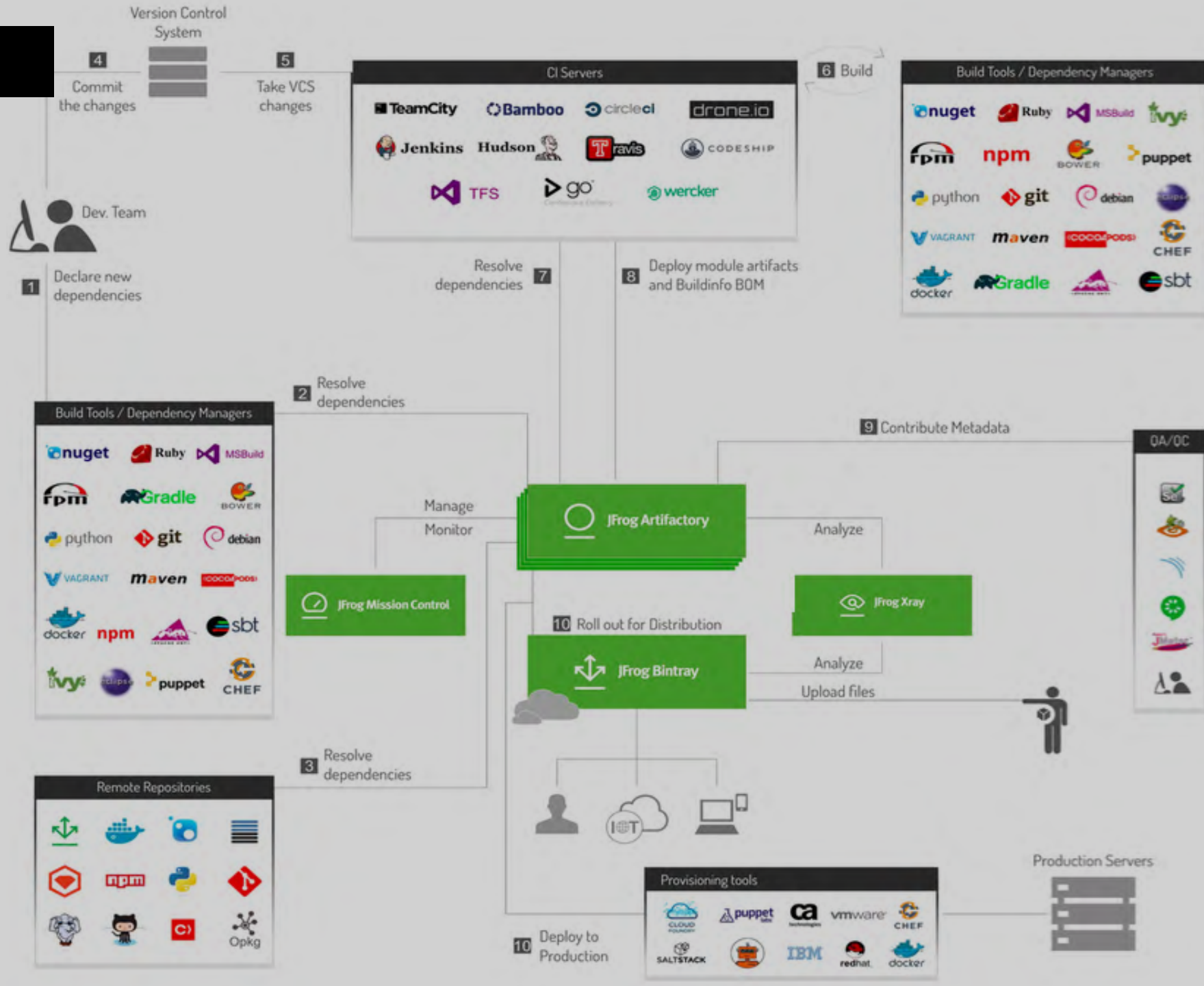


- 协作 (Collaborate)
- 透明 (Transparency)
- 独立自主 (Autonomy)
- 基础设施即代码 (Infra as code)
- 自动化, 自动化, 自动化 (Automate)
- 设置较高的目标 (Set a High Bar)
- 度量一切 (Measure Everything)
- 快速失败 (Fail Fast)
- 保持质疑 (Keep Questioning)
- 这并不是工具的问题 (It's Not a Tool Thing!)



JFrog 处于软件交付的核心地位

- JFrog 产品支持多语言的仓库。
- 将软件开发过程中的各个开源工具串联在一起。
- 统一收集软件交付中产生的元数据。
- 实现完全自动化发布。







THE FROG GIVES BACK

THE JFROG OPEN SOURCE FELLOWSHIP

开源版

OPEN SOURCE SOLUTIONS



Artifactory



Plugins



Conan



JFrog CLI

OPEN SOURCE PROGRAMS



Bintray for OSS



Artifactory Cloud for OSS

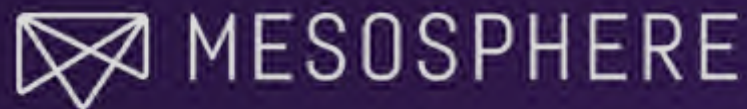
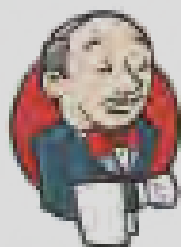


Community

JFrog 合作伙伴



Pivotal Cloud Foundry®



ORACLE®



Artifactory Service

80TB

Repository

47.1 Million Artifacts
Upto 9GB+ Binary Size
1600+ Repositories

Requests Per Day in SLC

39.1M

37.5M Downloads/Reads
1.5M Publishes/Updates
450 requests/sec
85TB data flow

256GB

Node

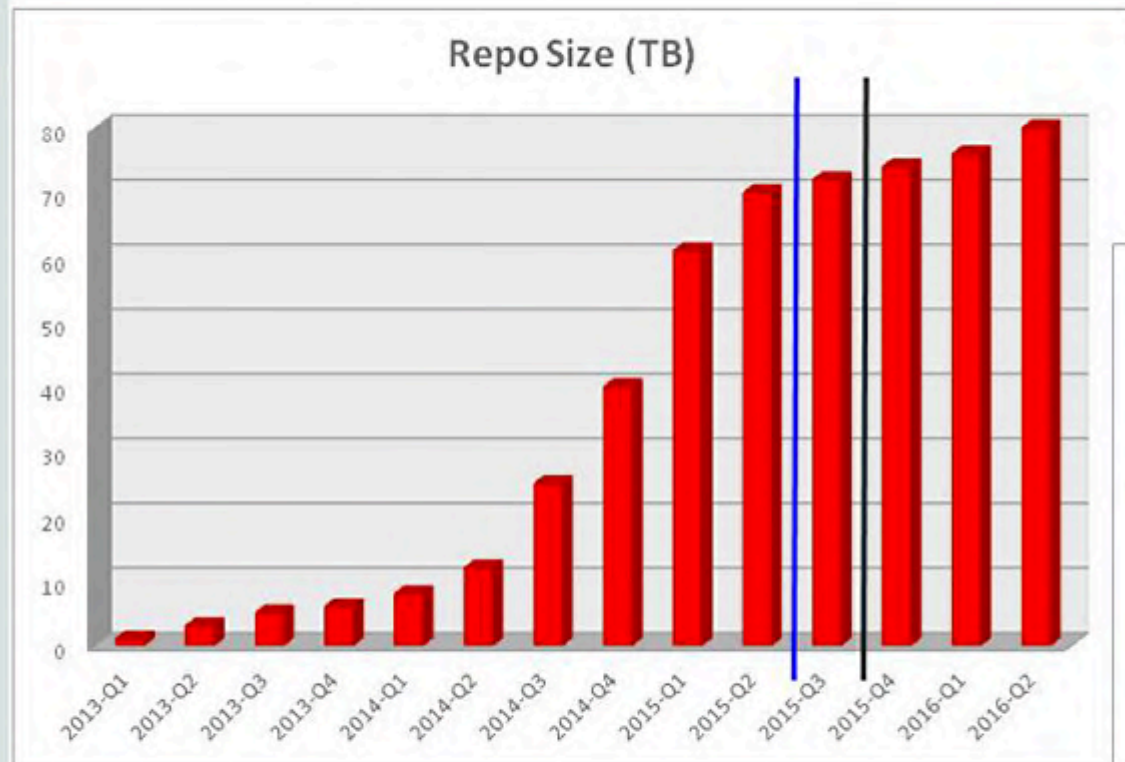
<1% CPU for GC
CPU peak ~10%



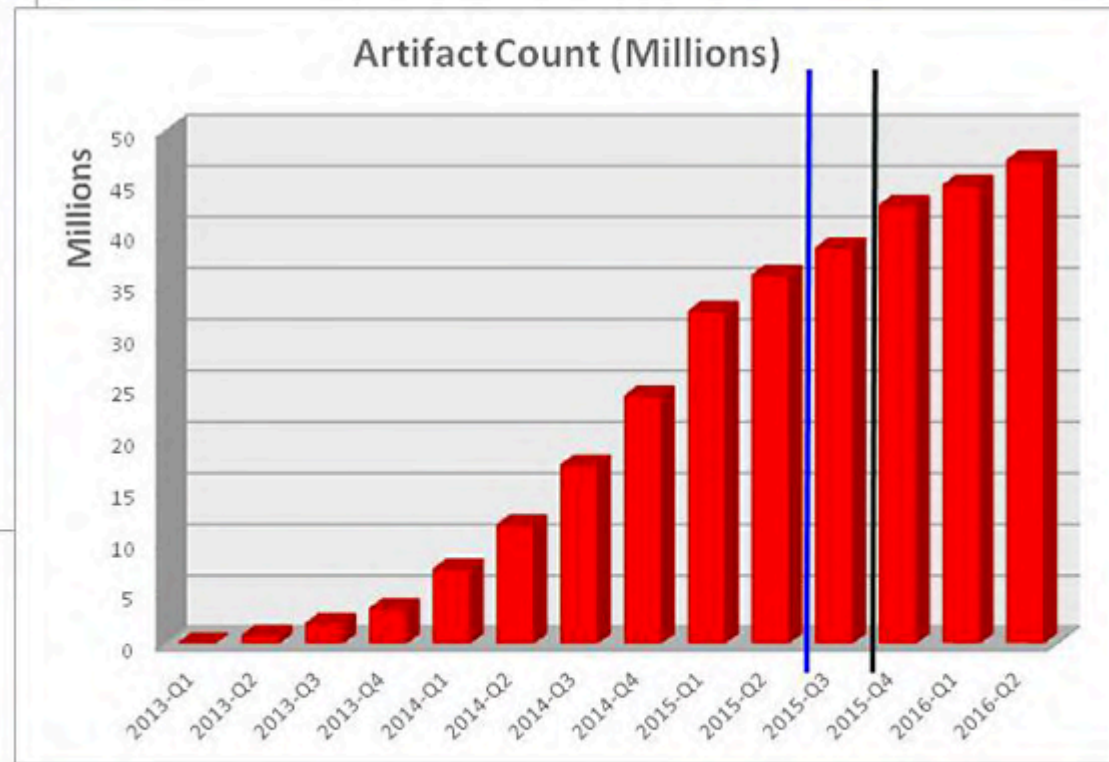
Global Datacenters

90K+ Artifacts Replicated/Day

Ramp Up



- Continuous purging/clean-up began
- Quota Management put in place via Carson



Adoption of Carson

**460 Orchestrations/
Pipelines**

1800 orch executions/day

47+ Event Channels

238 Hudson/Jenkins

515 Slave Agents, now shareable

170+ Products

25000+ Job Executions/Day

7500+ Jobs (backed up configs)

81K Events/Day

50K+ Hudson/Jenkins

30K+ Farm & DTE

300+ WPTG/Translation

280+ Patching

300+ CodeIQ

Our Artifactory Service Offering



Home

Artifacts

JFrog Artifactory is happily serving **8,271,018** artifacts

Artifactory Version 4.5.2 (latest release is 4.7.7)

Local Repositories

1280 Repositories

Filter by Repository Key

Charts

Chart: Total Requests Top 5 items:

From: 04/01/2016 12:00 AM To: 04/07/2016 12:00 AM Every: Day

Sites: x SJC



Duration (Last 30 Days)



Download Requests
331.95mil



Upload Requests
58.26mil

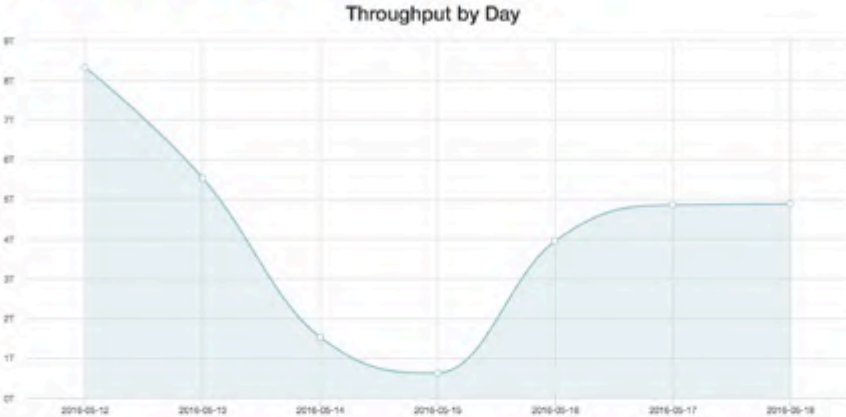


Download Throughput
100.06TB



Upload Throughput
31.38TB

Artifactory Stats



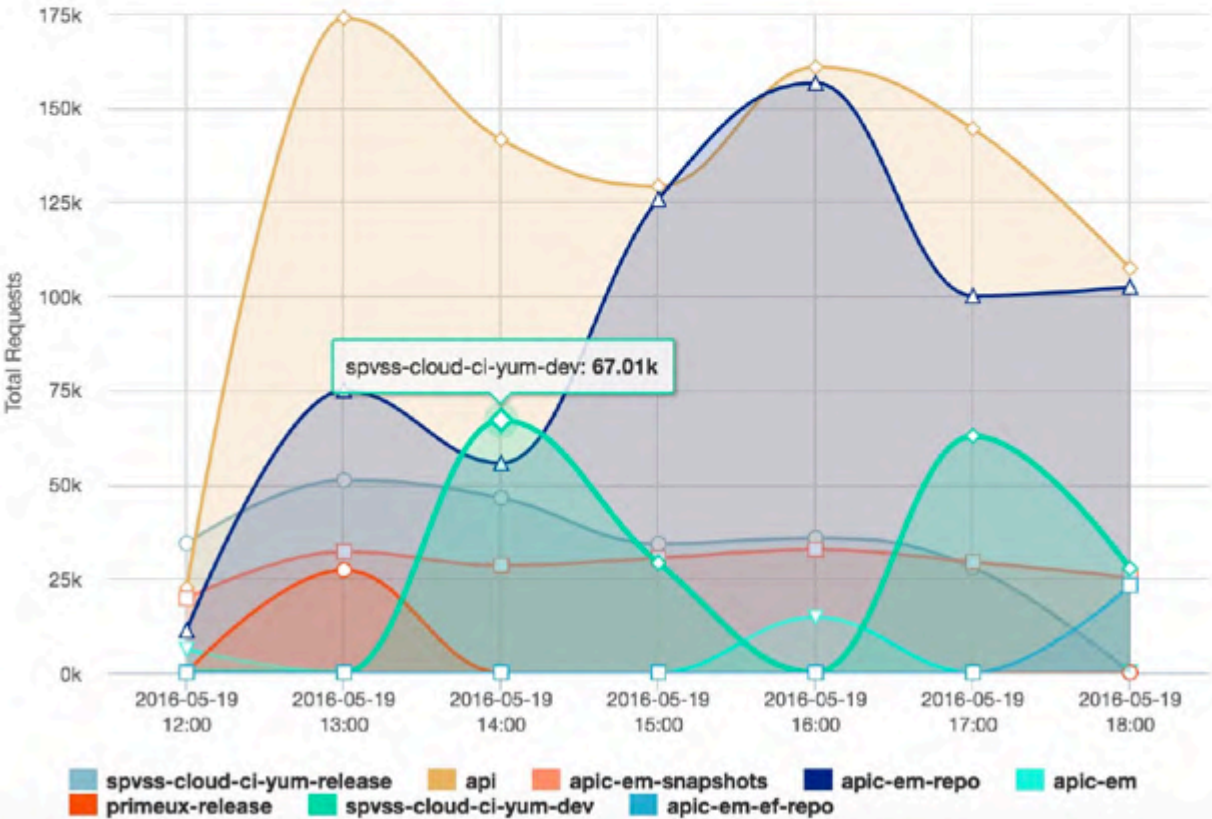
Server	Up (%)	Down (%)	Unreachable (%)
engci-docker.cisco.com	97.9084	2.0916	0.0
engci-maven-blr.cisco.com	99.9808	0.0192	0.0
engci-maven-gpk.cisco.com	99.9922	0.0078	0.0
engci-maven-master.cisco.com	100.0	0.0	0.0
engci-maven-rtp.cisco.com	99.9926	0.0074	0.0
engci-maven-sjc.cisco.com	19.1764	80.8236	0.0
engci-maven.cisco.com	99.9954	0.0046	0.0
Average	88.1494	11.8506	0.0000

Charts

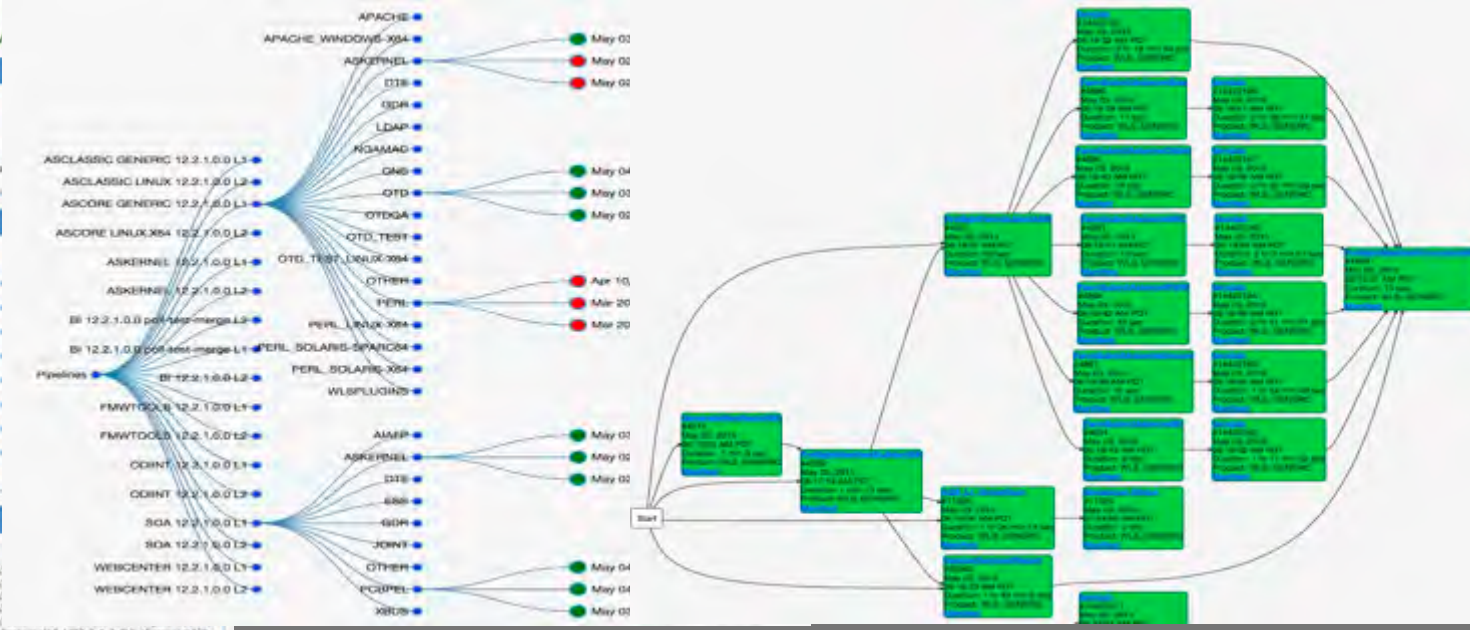
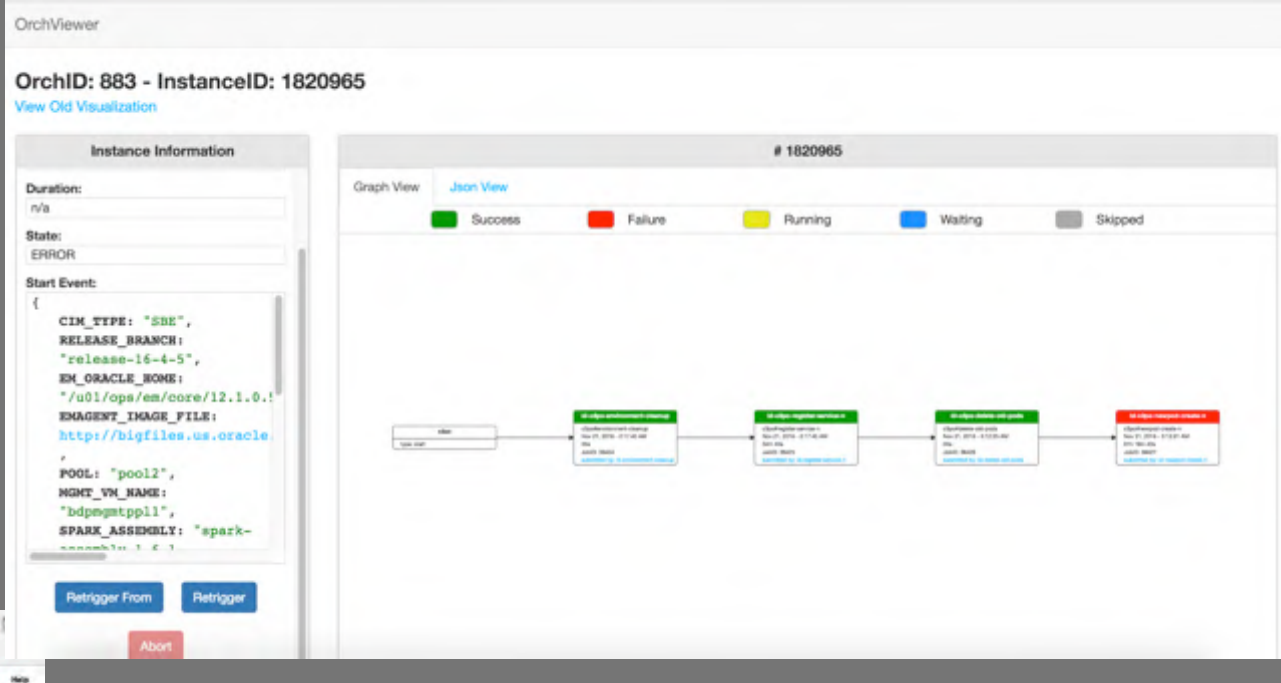
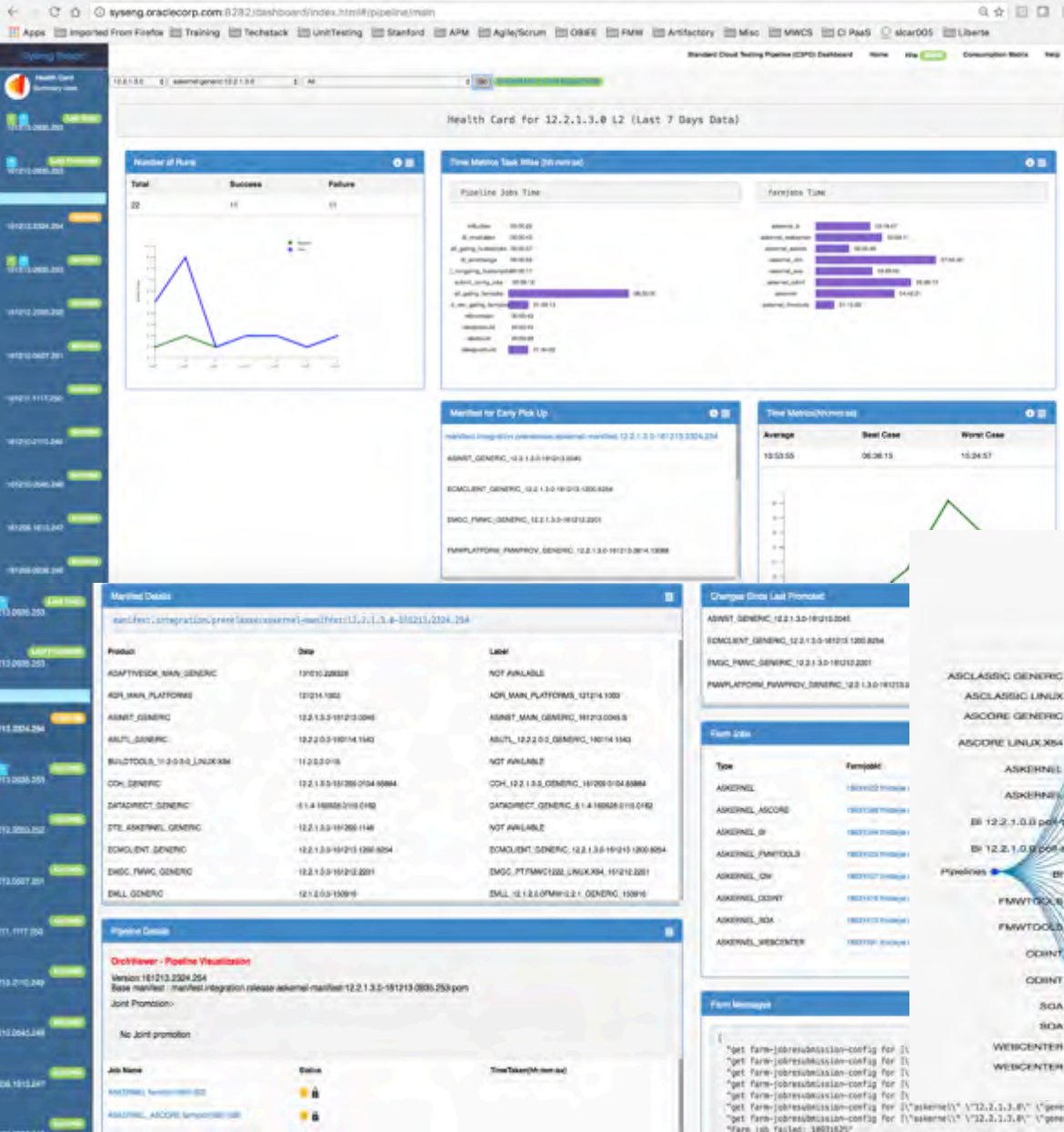
Chart: Total Requests Top 5 items: ☒

From: 05/19/2016 08:51 AM To: 05/19/2016 04:51 PM Every: Hour

Sites: × ALL



透明度 & 可视化



互联网 & 软件

Google Tencent 腾讯

vmware



ORACLE



YAHOO!

JD 京东 .COM

+3,200
Customers

科技 & 电信



Linked in



ERICSSON

银行 & 金融



Bloomberg



CREDIT SUISSE



ING DIRECT

+100
New Logos
a month

工程 & 航空



NASA



BOSCH



HALLIBURTON

Raytheon

零售 & 消费



TESLA



95%
Retention
Rate

教育 & 研究



OHIO
UNIVERSITY



工程 & 物联网



VOLVO



TESLA



NASA

HALLIBURTON



MINIMAX



**Rockwell
Automation**



ANSYS

**Industry
Standard**



swampUP 2017 Agenda is Live

— TECHNICAL KEYNOTE LINEUP —

YOAV LANDMAN



MELODY MECKFESSEL



KOHSUKE KAWAGUCHI



PAUL CHAPMAN



FRED SIMON



<https://swampup.jfrog.com/>



<http://www.jfrogchina.com/>



高效运维社区

GreatOPS Community

会议

- 3月18日 DevOpsDays 北京
- 8月18日 DevOpsDays 上海
- 全年 DevOps China 巡回沙龙
- 4月21日 GOPS深圳
- 11月17日 DevOps金融上海

培训

- EXIN DevOps Master 认证培训
- DevOps 企业内训
- DevOps 公开课
- 互联网运维培训

咨询

- 企业DevOps 实践咨询
- 企业运维咨询



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Thanks

高效运维社区
开放运维联盟

荣誉出品



想第一时间看到
高效运维社区公众号
的好文章吗？

请打开高效运维社区公众号，点击右上角小人，如右侧所示设置就好

