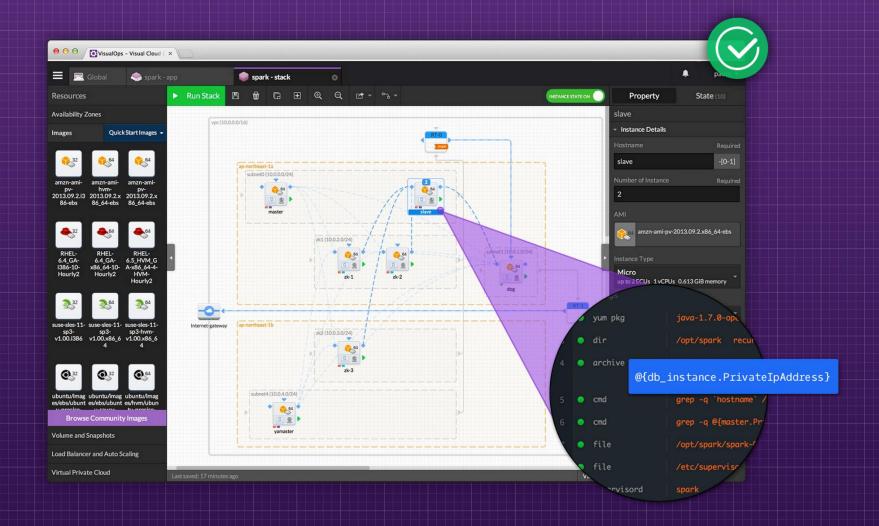
VisualOps – re:Invent PaaS



Visual Ops by Maddelra Cloud

Pain

- Running applications in the cloud is not as simple as plugging a TV into the power socket.
- You need to:
 - design the architecture
 - provision the infrastructure
 - deploy the code
 - continuous operation to keep the app running
- And what if:
 - deploy more environments for Dev/QA/Staging/Prod/DR, etc?
 - how to make sure all of these environments are consistent?
 - one of your servers crashed in 4:00am, wake up to fix?
 - whenever a traffic burst happens, do you want to manually scale the app, or automate?
 - your boss asks for a report. How to visualize what you have?



PaaS





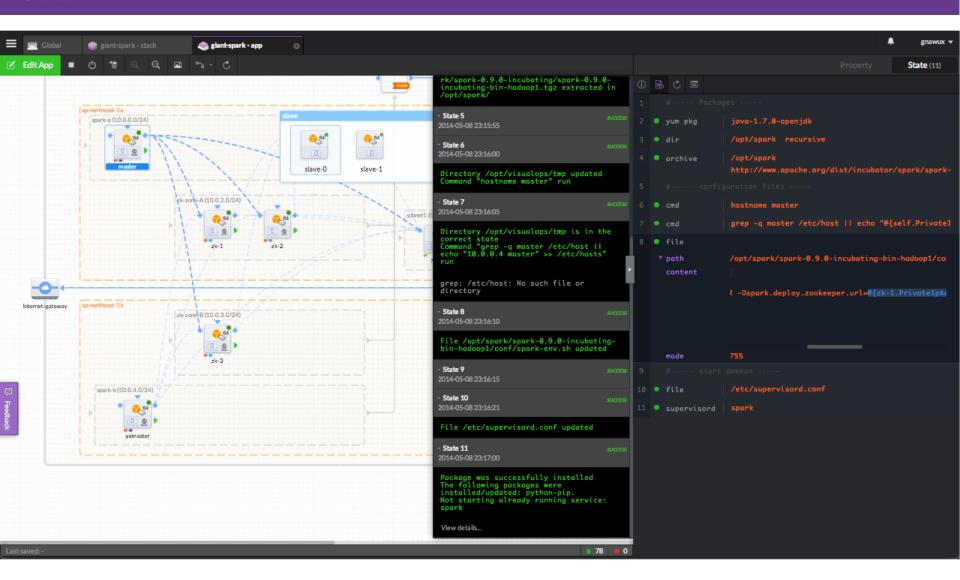




- Play by their rules
 - language/framework
 - local disk access forbidden
 - how to run Hadoop in Heroku?
 - they can change anything at anytime they want
- Their downtime is your downtime
 - it is a blackbox
 - share the bathroom
- Still need to manage the PaaS
- Outgrow
 - open source is an illusion (sometime)
 - ok if you are BAT
 - but again, are you sure?



Visual is how human brain works



Visual Ops by Maddita Casad

No Ops

- Infrastructure as Code
 - repeatable
 - consistent
 - version control
- Desired State
 - you order, we cook
 - auto scaling
 - auto healing
 - log & audit
 - push to deploy

Value

- Template-based provisioning
 - fast and repeatable Dev/QA, Demo environment setup
- Continuous Deployment
 - launch your stack into running app, VisualOps deploys your code and upgrades it once there is a newer version
- App Ensure
 - design, launch, relax; VisualOps will ensure your app is always up & running, in the state you defined



Instant Apps

- Single click to launch
 - similar with AWS Marketplace, dedicated for distributed apps
- No Ops, worry free
 - Launch, use, nothing else
- Everyone benefits
 - more instances launched (AWS)
 - more license sold (SAP)
 - more ops covered (VisualOps)
 - quicker, lower cost, better uptime, security, etc. (customers)



Word of Mouth



Brian Klaas @brian klaas · Apr 23

O damn. I'm going to have to play with this: visual DevOps automation for Amazon Web Services (#AWS) visualops.io

Expand





Matthew Povey @MattPovey · Apr 22

#AWS will buy this lot: visualops.io or copy them. One or the other... Probably the latter

Expand



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Bernd Rennebeck @brennebeck · May 27 Holy sh!t... VisualOps just blew my mind.

VisualOps - Visual Cloud Computing IDE bit.ly/1k98jQc

Expand



Jinesh Varia @jinman · Oct 16

Absolutely love the new Madeira Cloud IDE - all HTML5/JS ide.madeiracloud.com

IBMの高密度サーバー

サーバーワークス社内勉強会 2014/02/28 17:38 0n サーバーワークス社内勉強会 チャンチル発生 25 人名法中

構成図からサービスをスタート!

Madeira Cloud

Folks, have to check this out!

@madeiracloud



Yonas @yonasbe · May 19

So many cool additions this week. VisualOps seems like the most interesting:

leanstack.io/visualops (source: eepurl.com/U1RXv)

Expand





Kurt Seifried @kurtseifried · Apr 24

And so it begins, developer efficiency: visualops.io dev can now deploy an entire AWS stack with point and click ease

