

Building the DevOps Tool Chain

January 17, 2017

Today's Speakers:



Kristina Avrionova
Product Marketing- StormRunner
Load/Network Virtualization
Hewlett Packard Enterprise



Cyrus Manouchehr
AMS Practice Lead: PE &
Hewlett Packard Enterprise

The webinar will begin shortly.

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Building the Chain
January 17, 2014



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Webinar Housekeeping

Slide 1 of 2



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Q&A

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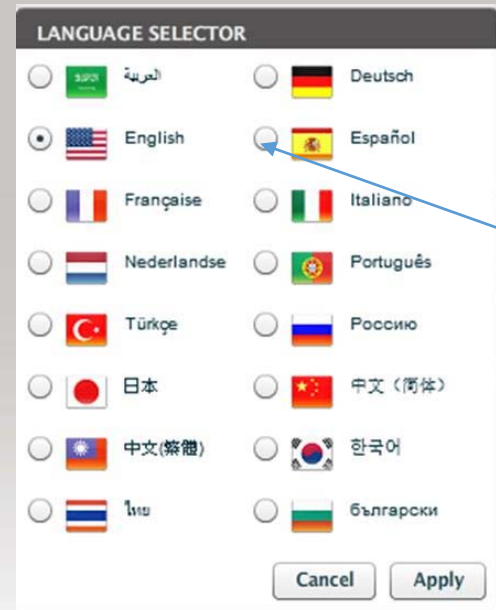
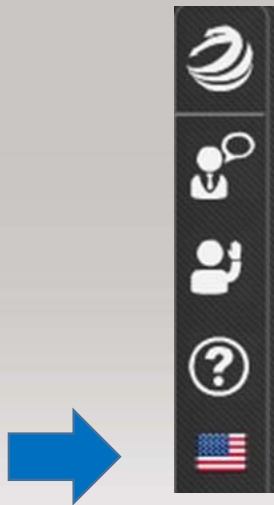
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- Session Q&A:
Please type questions in the Q&A pane and click on “Ask”
- Choose the language in which you would like to ask your question





Building the DevOps Tool chain: Integrating performance testing in pipeline

Kristina Avrionova
Cyrus Manouchehrian

Digital revolution

Software is driving differ

Innovating faster means
testing and **releasing** quality
more **frequently**.

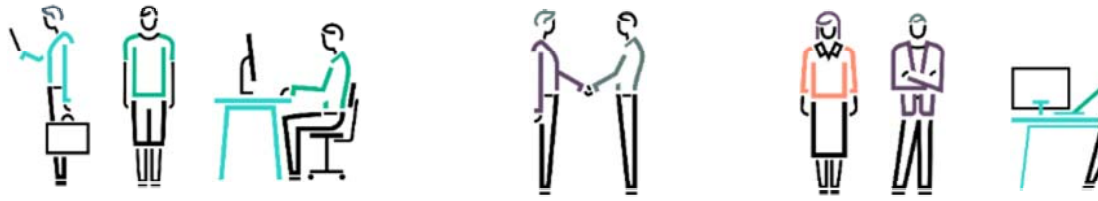
Faster time to market

Lower failure rates

Short lead time
between fixe

DevOps in a nutshell

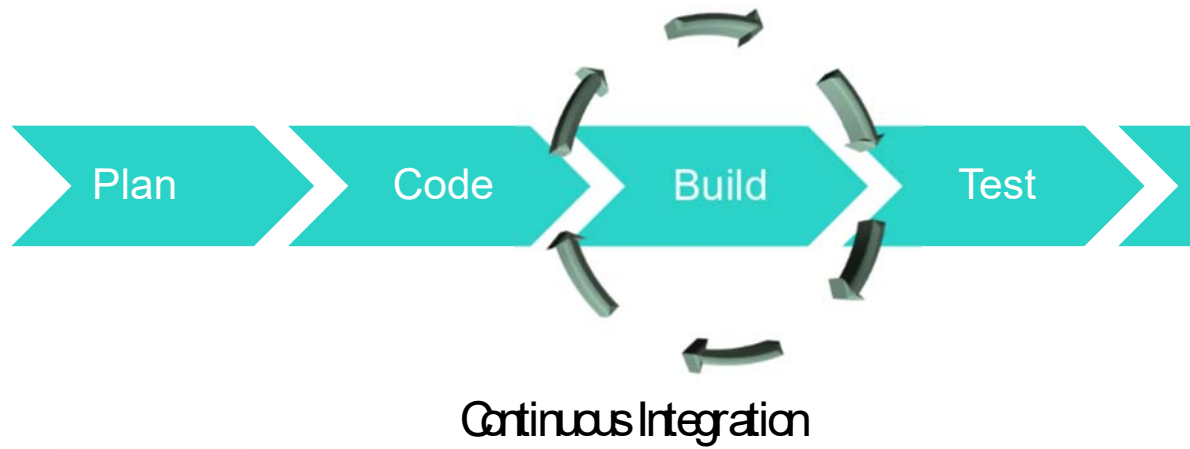
People



Culture



Process



Toolchain



Speed @Quality

90% DevOps

enterprises are researching or adopting DevOps

84% - Faster Delivery

DevOps adoption leads to improved delivery speed and responsiveness.

68% - Higher Quality

DevOps adoption leads to improved service and application quality

But what about performance testing?



Performance is *the* most immediate infl

HealthCare.gov

The system is down

We are experiencing technical difficulties and hope
In a hurry? You might be able to apply faster at our
with one of our trained representat



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★★★★☆ (53)

GET

Details

Reviews

Related

17. "Unavailable" Most of the Time

★★★★☆ Steveshooman - 14 Oct. 2016

This app is fine when it works, but 9 times out of 10 when I try to log in I get the "We're sorry. Mobile banking is temporarily unavailable..." message. It's worthless to me if it isn't available when I want to use it.

19. Too Slow

★★★★☆ N8g621 - 13 Oct. 2016

All the information that I want to see is there, but the app is way too slow. Especially when switching accounts or screens.

7. Sign in is not reliable

★★★★☆ Runner897654489 - 12 Oct. 2016

The fingerprint sign in is not reliable and I've been locked out of my own account numerous times and had to reset my password. Because of security the passwords have to be so complex so it's a challenge to remember - which has then caused me to be locked out for not typing the right password on the tiny keyboard. Just a bit of a headache, so then I just don't end up using the APP at all.

...site goes do

... 2014, 11:25 AM EST



Kevin Dean McGuire

@KevinDMcguire

@GOVUK tried to register to vote #EUreferendum all day yesterday due to 'technical problems'. Today #wtf 😡

2:57 AM - 8 Jun 2016



Hewlett Packard Enterprise

and first impressions are *ever*

Performance testing & DevOps FAQs

Q: Why is Performance testing often skipped?

A: It has to be quick and easy

 When release cycles are short, it's hard to find the time to create the test, produce the results

Q: When should I run performance tests?

A: Often is good, always is better

 Clear need for proactive performance engineering- identify and track slow performance

Q: Aren't unit and functional testing enough?

A: No, because they don't find everything

 Performance testing is the only way to know your usability, reliability, scalability

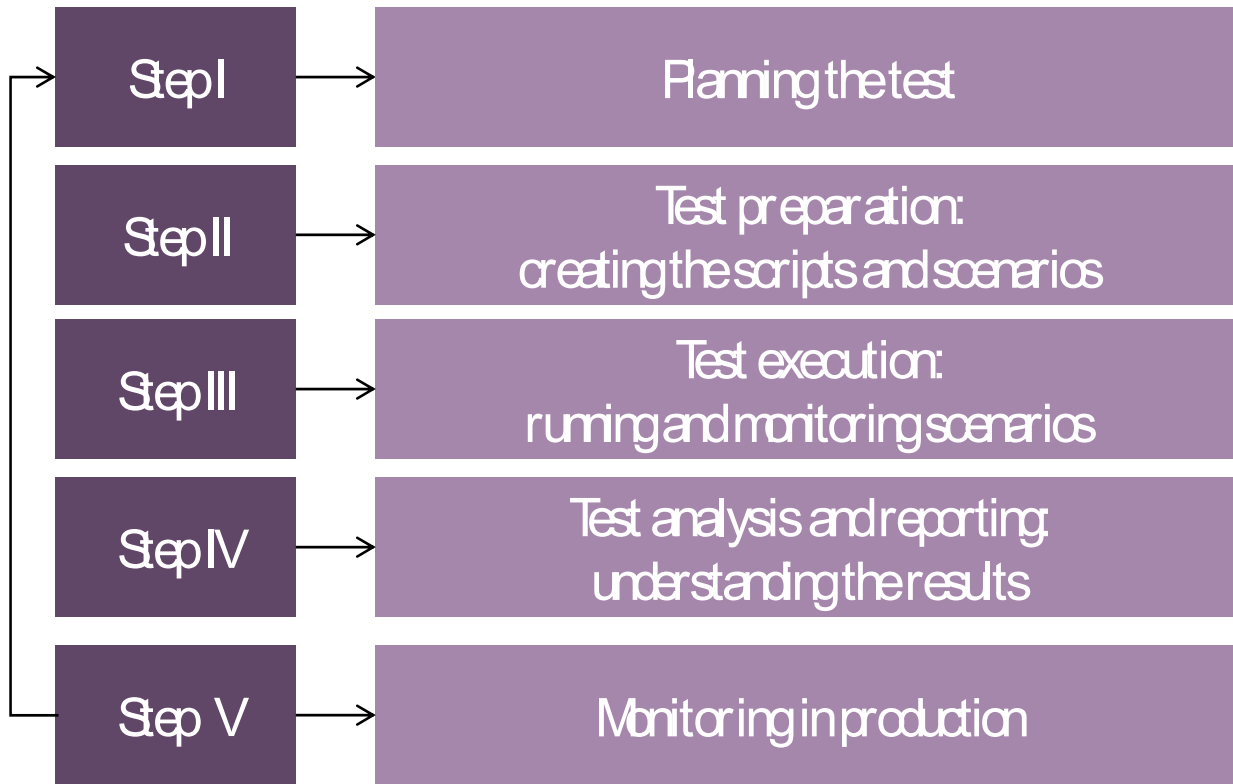
Q: Do we have to automate?

A: No, but automation is the best option especially for multiple browsers and devices

 You must have the right automation tools that support CI/ CD

 The richer the integration the better

So can YOU fit performance testing in short release cycles?

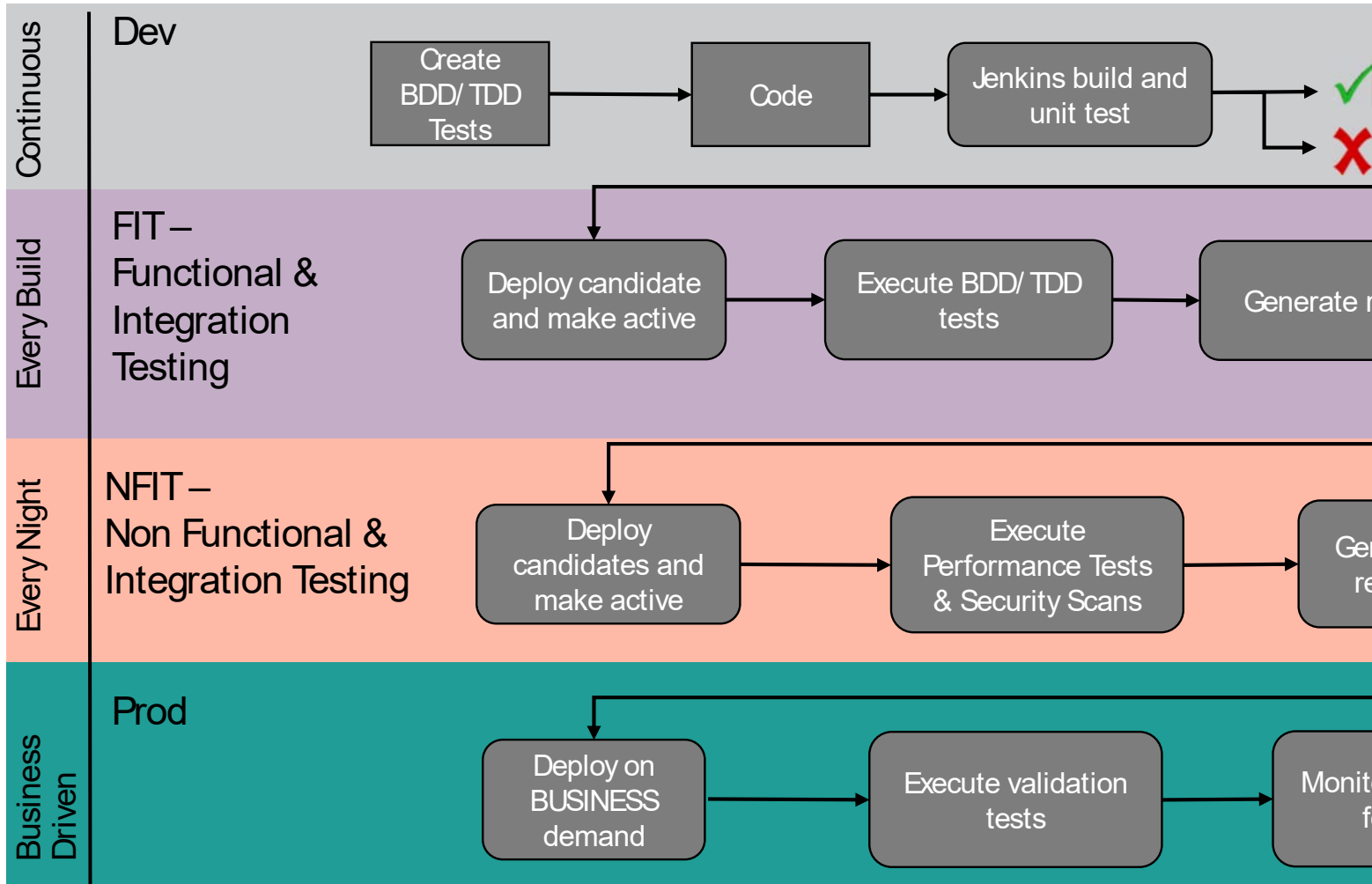


Yes!
You can



Continuous Testing – A customer’s approach

Goal – rapid feedback to dev on quality (functional and non-functional)



HPE StormRunner Load

Agile performance testing in the cloud for web & mobile

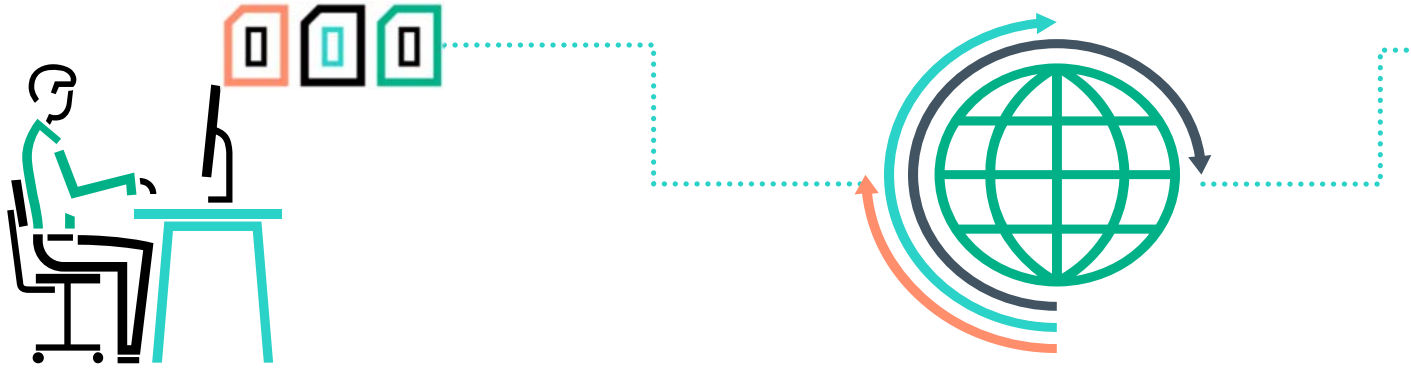







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How StormRunner Load works

Create and run a load test

Load Generators spin up



-  VuGen scripts
-  TruClient
-  TruAPI
-  JMeter
-  Gatling

-  AWS
-  Azure
-  Rackspace


Why is StormRunner Load a perfect fit for the De

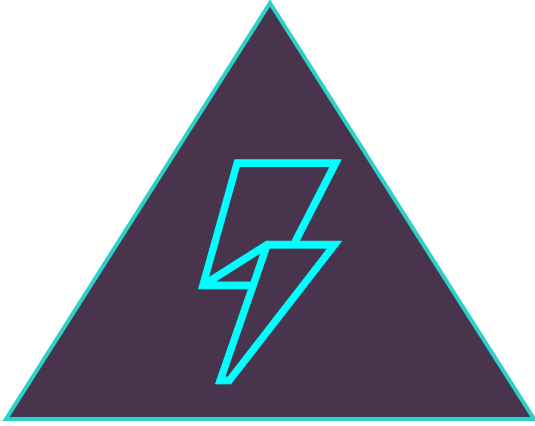


Demo

To Summarize



- Performance Testing is as important
- You need the right tools to make life
- StormRunner Load is a true SaaS, all you need is a browser 
- A good fit for cloud, web and mobile
- Extremely scalable and cost effective
- Compatible with existing VuGen and
- Open architecture- rich integration with proprietary tools



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Q&A

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Thank you

Upcoming Webinar This V

- Join us this Thursday, January 19th for “Top Lessons Learned from L 2016” webinar
 - 📅 10:00 AM - 11:00 AM EST (GMT-4:00), 16:00 - 17:00 CET (GM (GMT+5:30)
 - 📅 Register at: <http://www.vivit-worldwide.org/events/EventDetails>

- Presenters:



Gene Kim

CTO, Researcher & Author
IT Revolution



Ashish Kuthiala

Sr. Director, Marketing and
Hewlett Packard En

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