Performance Engineering Solution Overview

22 November 2016

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Brought to you by Vivit's Performance Engineering SIG Leaders

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- <u>Session Q&A:</u>
  Please type questions in the Q&A pane and click on "Ask"
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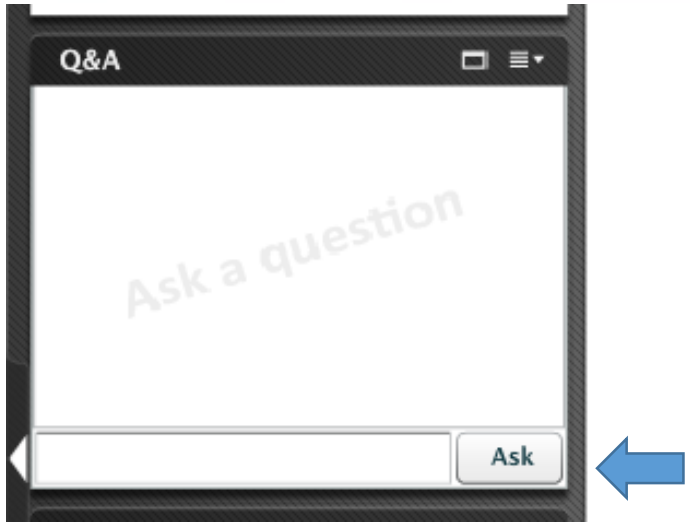

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Agenda

- Introduction
- Foundation
- Solutions
- Q&A
- Thanks

Performance Engineering Solutions

Todd, Why Are We Here?

POLL

- Are you working to implement Performance Engineering capabilities, but struggling to understand with all the products and solutions?
  - Yes
  - No

Introduction

Introduction

- Why?
  - Ever want to do something…
  - Have a direction…
  - Have a lot of various tools…
  - Need to put the vision together…
  - Cannot spend a lot more
    [time, money, effort…]

Introduction

- How do you do it today?
  - ?
  - ?
  - ?
  - ?

Introduction

- So,

  "How do you deliver Effective Performance Engineering to your organization?"

  "Is this easy?"

  "How to get buy-in?"

  "What is the vision?"

  "Where to start?"

  …

Performance Engineering Solutions

Todd, Where Do We Start?

POLL

- Do you have a foundational SDLC that you leverage throughout your organization?
  - Yes
  - No

Foundation

Foundation

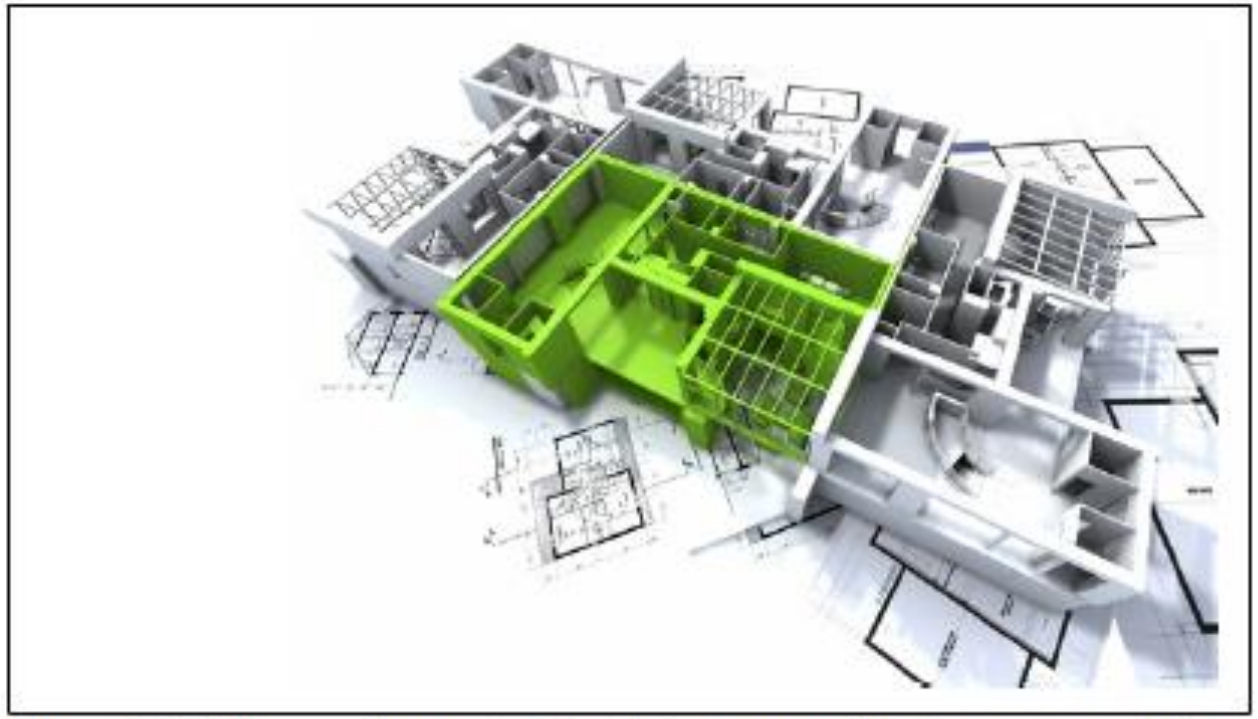
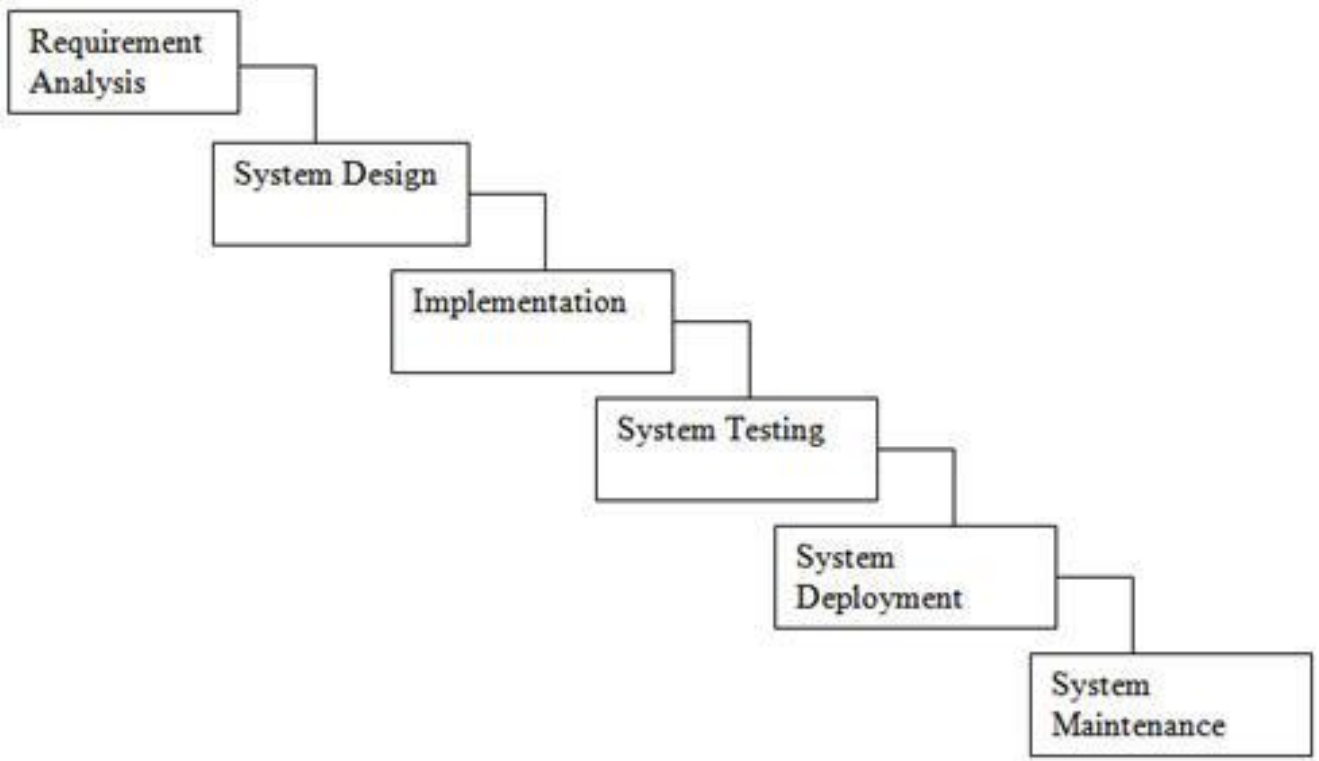


Figure 3-1. The requirements of architecture and design represented as a building

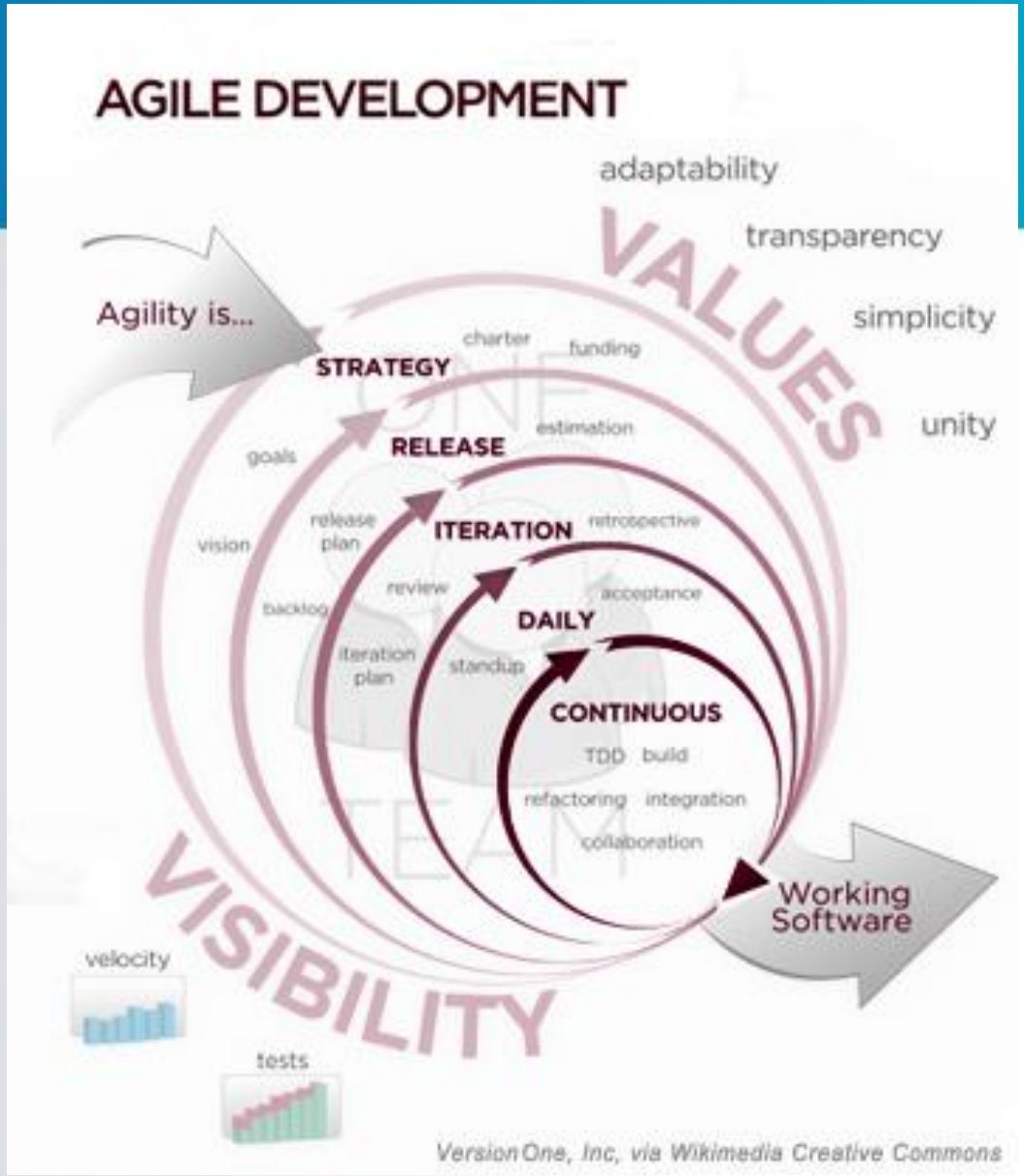
DeCapua / Evans (2016). Effective Performance Engineering. O'Reillly Publishing.
Retrieved from http://www.EffectivePerformanceEngineering.com

Foundation



Waterfall Model - © www.SoftwareTestingHelp.com

Foundation


AGILE DEVELOPMENT
adaptability
transparency
simplicity
unity
VALUES
Agility is...
STRATEGY
charter
funding
RELEASE
estimation
goals
vision
release plan
ITERATION
retrospective
review
backlog
iteration plan
DAILY
acceptance
standup
CONTINUOUS
TDD
build
refactoring
integration
collaboration
Working Software
VISIBILITY
velocity
tests
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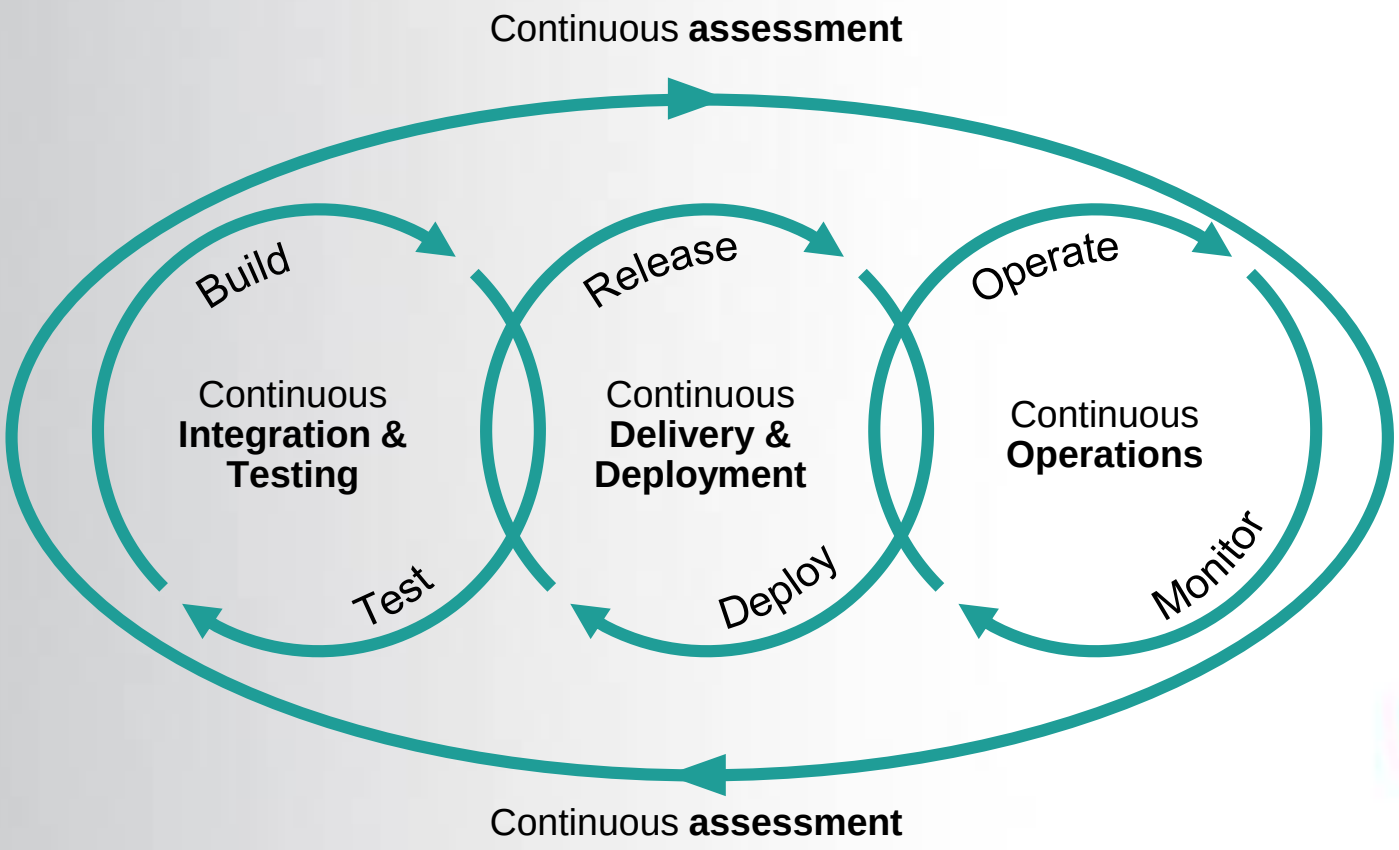
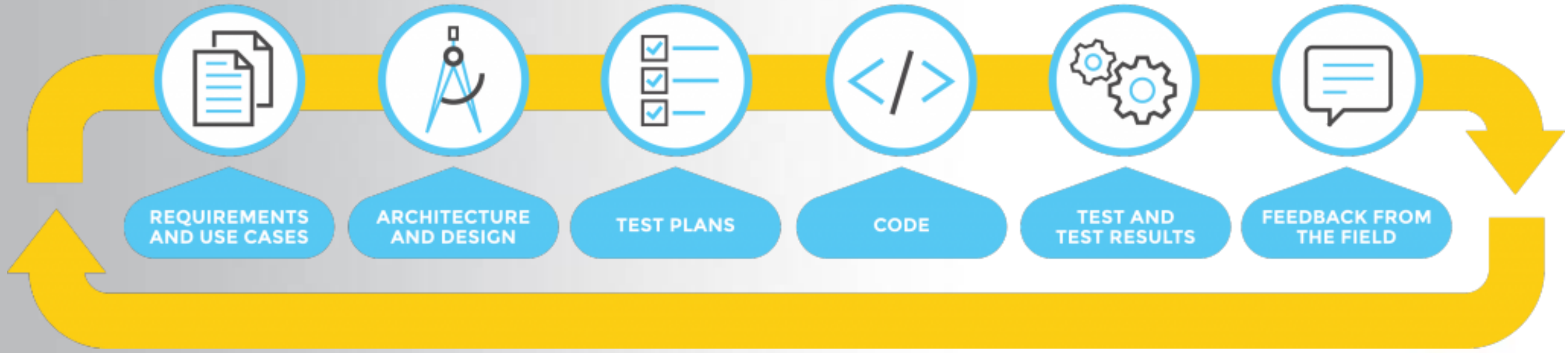
Foundation


Continuous **assessment**
Build
Release
Operate
Continuous **Integration & Testing**
Continuous **Delivery & Deployment**
Continuous **Operations**
Test
Deploy
Monitor
Continuous **assessment**

Foundation


REQUIREMENTS AND USE CASES
ARCHITECTURE AND DESIGN
TEST PLANS
CODE
TEST AND TEST RESULTS
FEEDBACK FROM THE FIELD

Performance Engineering Solutions

Todd, Is There A Standard?

POLL

- When thinking about Performance Engineering, do you have defined enterprise standards?
  - Yes
  - No

Performance Engineering Solutions

Todd, The Solution(s)?

POLL

- Have you mapped tools to your foundation SDLC?
  - Yes
  - No

Solutions

Rooms

Rooms

REQUIREMENTS AND USE CASES
ARCHITECTURE AND DESIGN
TEST PLANS
CODE
TEST AND TEST RESULTS
FEEDBACK FROM THE FIELD

Rooms

REQUIREMENTS AND USE CASES	ARCHITECTURE AND DESIGN	TEST PLANS	CODE	TEST AND TEST RESULTS	FEEDBACK FROM THE FIELD
Features, Functions, Core, Look & Feel, Performance, Security, more…	Technologies, Frameworks, Dependency, Services, Infra, Cloud, more…	Create, Track, Measure, Functional, Performance, Security, Build, more…	Develop, Integrate, Version, Merge, Build, UnitTest, Deploy, more…	Verify, Validate, Functional, Performance, Security, Chaos, more…	Monitoring, NPS, Customer Advisory Boards, Collaborate, more…
ALM Agile Manager	LeanFT	QC / ALM Octane	IDE, Jenkins, etc	LoadRunner, Fortify, LeanFT	SiteScope, BSM, Real Time

HPE

Rooms

REQUIREMENTS AND USE CASES	ARCHITECTURE AND DESIGN	TEST PLANS	CODE	TEST AND TEST RESULTS	FEEDBACK FROM THE FIELD
Features, Functions, Core, Look & Feel, Performance, Security, more…	Technologies, Frameworks, Dependency, Services, Infra, Cloud, more…	Create, Track, Measure, Functional, Performance, Security, Build, more…	Develop, Integrate, Version, Merge, Build, Unit Test, Deploy, more…	Verify, Validate, Functional, Performance, Security, Chaos, more…	Monitoring, NPS, Customer Advisory Boards, Collaborate, more…

HPE	IBM	CA	more…

Monthly Vivit Worldwide Performance Engineering SIG Webinars

Second Tuesday of Every Month

BLOG: PE is Fastest Growing Special Interest Group In The World		
12 Jan 2016: Vivit Worldwide PE SIG 2016	9 Feb 2016: PE in Agile	8 Mar 2016: PE in a CoE
12 Apr 2016: PE and Value to the Business	10 May 2016: PE as a Competitive Differentiator	14 Jun 2016: PE and Your End User
12 Jul 2016: PE and Value to Technology	9 Aug 2016: PE and Proven Practices	13 Sep 2016: PE Tools
11 Oct 2016: PE Education	22 Nov 2016: PE Solution Overview	13 Dec 2016: PE Core Capabilities

Call for Speakers Survey: http://goo.gl/forms/YmFJZIRna1

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Top ten reasons to attend

1

Get ready to transform your IT

Transforming to a hybrid infrastructure, protecting your digital enterprise, empowering the data-driven organization and enabling workplace productivity can position your enterprise for success. Learn how Hewlett Packard Enterprise is the best strategic digital partner equipping you for transformation.

2

Hear from the Hewlett Packard Enterprise leadership team and other industry visionaries

Learn about our four Transformation Areas and hear directly from President and Chief Executive Officer Meg Whitman and the executive team on how Hewlett Packard Enterprise is helping you go further, faster.

3

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Bring your digital transformation to life through one-on-one consultations with our solution architects on hand to answer your questions and address your challenges to help you accelerate what's next for your business.

4

Seize valuable opportunity

Time-to-value is the new name of the game, and the ability to capitalize immediately is key to survival. Through the Transformation Zone and Innovation and Spotlight Sessions, you'll learn how HPE can help you transform your organization to significantly reduce the time-to-value of your IT investments.

5

Accelerate transformation with IT consumption

The velocity of change in today's IT world is daunting. Driving innovation while still running the business is essential. Through a series of Spotlight, Theater and Breakout Sessions, learn how you can fund transformation, map your investment strategy to your IT roadmap and achieve faster time-to-market.

6

Take a sneak peek at tomorrow's technologies

Customers and partners under CDA can get early access to preview upcoming Hewlett Packard Enterprise products and solutions.

7

Find answers to your biggest business and IT challenges

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8

Explore the Transformation Zone

Interact with experts and peers and learn more about Hewlett Packard Enterprise's most innovative technologies. See the latest products and solutions while speaking with the engineers and architects who created them.

9

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Engage with other IT professionals, schedule formal onsite meetings at the Hewlett Packard Enterprise Meeting Center or visit the Guru Bar to chat with Hewlett Packard Enterprise experts.

10

Tap into the power of our partners

Meet with Discover 2016 sponsors, including Intel and Microsoft, in the Transformation Zone. See how collaboration and our growing network is bringing more opportunity and advantages for you.

HPE Discover 2016 London Sessions

Session ID	Title	Track	Day	Time
BB11501	Four key focus areas for effective performance engineering	Empower, Enable	Tue	11:00 - 12:00

Four key focus areas for effective performance engineering

Share

Session ID: **BB11501**
Learn how technology and business teams adopt Effective Performance Engineering to transform their organizations with the end user in mind. During this breakout session, you will focus on four key areas of effective performance engineering. Join us to participate and learn how to build, develop, optimize and focus. The discussion will include references from the O'Reilly Media book titled, Effective Performance Engineering, co-authored by the speaker of this session.

LINK

3 Unspoken Truths to Know about Security for 2017 - Roundtable Discussion

Register Tell A Friend

3 Unspoken Truths to Know about Security for 2017 - Roundtable Discussion

11/30/2016

Register

Online registration is available until: 11/30/2016

When: Wednesday, 30 November 2016
16:15 - 17:15 GMT

Where: Vivit Booth Discover 2016 London
London
United Kingdom

Contact: Stephanie Konkoy
stephanie.konkoy@vivit-worldwide.org

« Go to Upcoming Event List

In today's turbulent times of functionality, performance and security; security is often the most unspoken, which we will expose 3 of the top security truths for you to be aware of in 2017. See how through a recent case study, an organization was able to quickly identify their vulnerabilities and mitigate, enabling the business and technology teams to deliver an exceptional outcome and results for their end users. These are practical examples, you can implement, so you do not become impacted from these unspoken security risks to overcome now.

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Thank You & Questions

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