Accelerate High-Quality App Delivery with the Micro Focus DevOps Suite
March 28, 2018

Today's Speakers:

David Landsberg
Director of Product Management
Micro Focus

Ayal Cohen
Chief Functional Architect for ADM R&D
Micro Focus

Malcolm Isaacs
Solution Marketing Manager
Application Delivery Management (ADM)
Micro Focus

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The webinar will begin shortly

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Accelerate High-Quality App Delivery with the Micro Focus DevOps Suite

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Sponsored By

YOUR INDEPENDENT MICRO FOCUS SOFTWARE USER COMMUNITY

Hosted By

Matt Angerer

Experience

- 15 years of ERP, Agile, and IT Delivery Experience
- Served as a Product Owner, Test Manager, and QA Delivery Consultant
- Developed deep *appreciation and respect* for the orchestration of People, Process, and Tooling in Software Delivery
- **Consulted across 8 sectors**, including: Military (Army/Navy), Public Sector, Energy/Utils, Financial Services, Retail, Manufacturing, Healthcare and Real Estate. Contributed to **10 end-to-end lifecycle SAP implementations** since 2002

Education & Certification

- B.S. in Operations & Information Systems Management, **Penn State University**
- Certified Scrum Master / Certified Micro Focus ALM.Net and UFT /

Location & Contact

- Babcock Ranch, Florida – *America's Solar City*
- +814.860.6872 mobile
- matt.angerer@tasktop.com

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Tasktop Integration Hub

Enterprise Grade Integration

- Flow information across teams, organizations, and tools
- Eliminate wasted time, bottlenecks, errors and rework
- Automatically compile lifecycle activity data
- Enable the creation of consolidated dashboards and traceability reports

Get started for FREE with Micro Focus ALM Octane I/O

Connect Micro Focus ALM and ALM Octane to Jira, TFS, VersionOne, and CA Agile Central (Rally)

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Webinar Housekeeping

- This "LIVE" session is being recorded
- Recordings are available to all Vivit members
- To enlarge the presentation screen, click on the rectangle in the upper right hand corner of the Presentation pane

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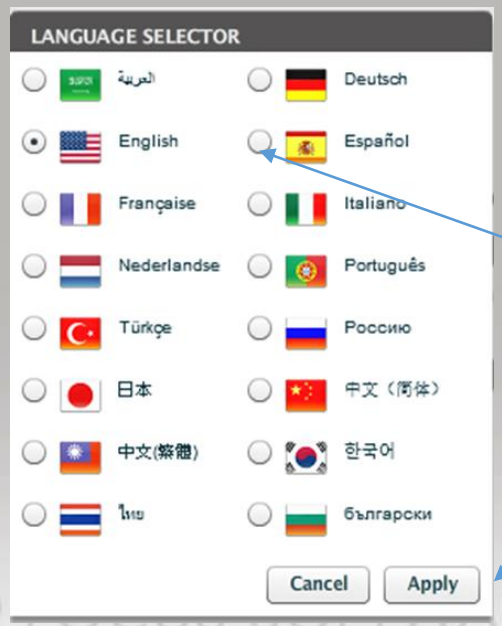
Webinar Control Panel

- 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 questions



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Accelerate High-Quality App Delivery with the Micro Focus DevOps Suite

Malcolm Isaacs
David Landsberg
Ayal Cohen

A New Force in the Industry

WE ARE BUILT ON STABILITY, ACQUISITION AND INNOVATION

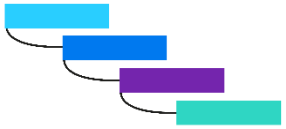
10K+ enterprise customers

15 acquisitions

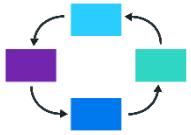
99 years of combined innovation

Software disruptions

METHODOLOGY



Waterfall



Iterative

Agile

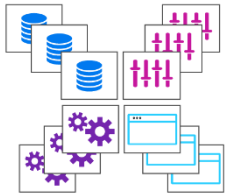
DevOps

APPLICATIONS

Monolithic

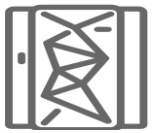
Client-Server

N-Tier

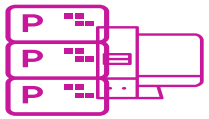


Microservices + APIs

INFRASTRUCTURE



Mainframe



Open Systems

Virtualization/Cloud

Cloud Native

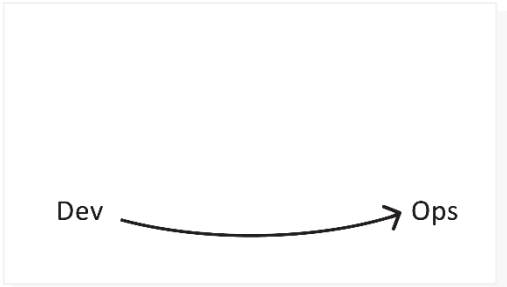
Our own DevOps journey

FROM	TO
Build to QA 2-4 weeks	Build to QA – Hourly/Daily
Automation for specific areas	Fully Automated CD Pipeline
Major release 18-24 months	SaaS release 4-8 weeks Quarterly On-prem release
Capacity - 8 products	Capacity – 15+ products

DevOps principles

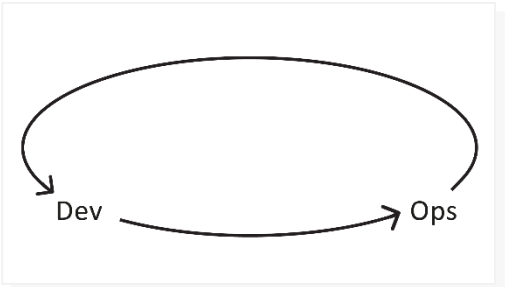
01

System Thinking



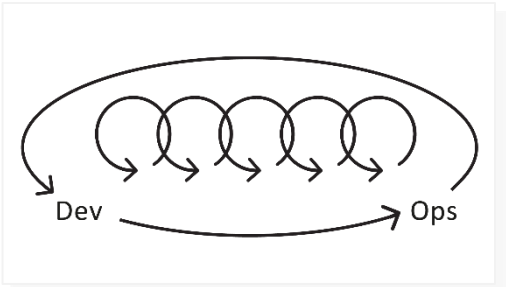
02

Amplify Feedback Loops



03

Culture of Continual Experimentation and learning



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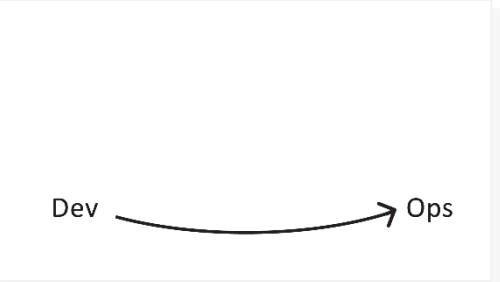
DevOps principles

01

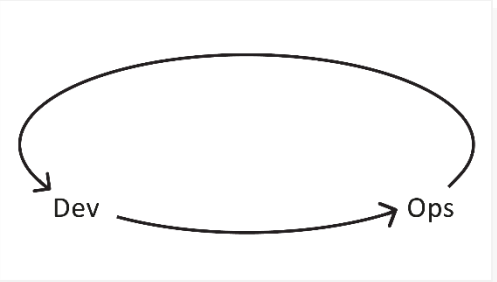
System Thinking



- Prioritizing the “system”
- Service Management
- Easy to Try, Deploy, Run, Use

02

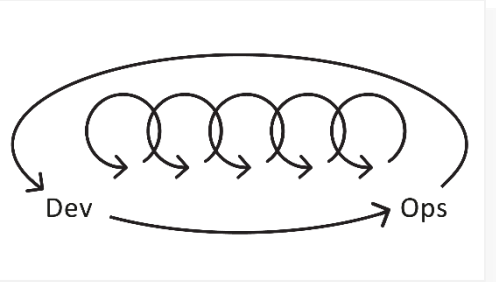
Amplify Feedback Loops



- Usage Analytics
- Data Driven Decision Making
- Behavior Analytics

03

Culture of Continual Experimentation and learning



- A/B Testing
- Canary Testing
- Gradual exposure

Challenges of DevOps at Enterprise scale

Many tools and integrations

Long test cycles

Pipeline triage

Communication and collaboration

Budget allocation

Legacy dependencies

Regulatory compliance

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“The release team was spending Saturdays fixing issues with the upgraded apps” - MSP of HR software

The price of independence…

- Waste time on configuration
- Play the blame game
- Legacy practices continue unchecked
- It’s very expensive

MICRO FOCUS

5 principles behind the Micro Focus DevOps Suite

ENTERPRISE READY & SCALE

Enabling **Central IT** to support the **enterprise at scale** and stay relevant for the lines of business teams.

OPEN, INTEGRATED

Easy to use, documented **Rest APIs**, **3rd party integration layer**, and **open source** support.

COMPLETE

Supports all market-leading software lifecycle practices including **Waterfall**, **Agile**, and **DevOps**.

COMPREHENSIVE

Broad and deep technology support: From Mainframe to Containers across any OSs, browsers, devices, protocols, GUI frameworks.

FLEXIBLE

Containerized offering that delivers choice in deployment models: **On-premise**, **SaaS**, or **public cloud**.

MICRO FOCUS

The Micro Focus DevOps Suite

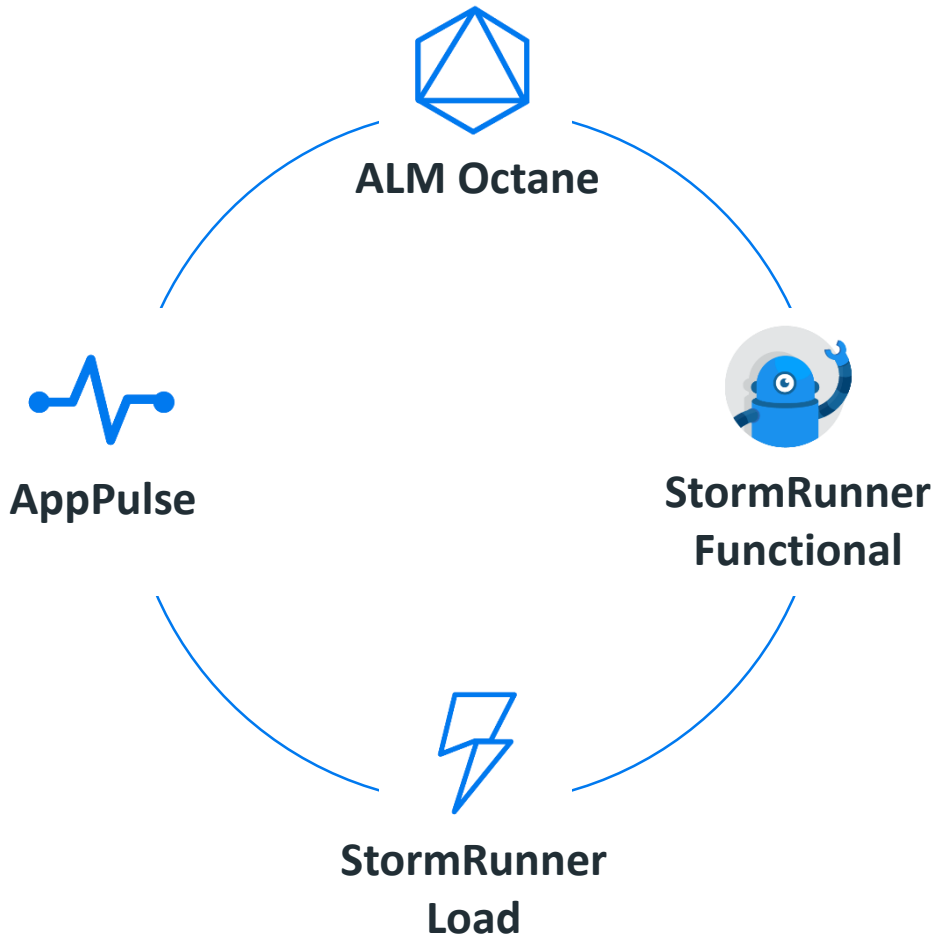
An integrated set of products that help you govern, test, manage, monitor and improve your software.

ALM Octane
for lifecycle and pipeline management;

StormRunner Functional
for functional testing of web and mobile applications;

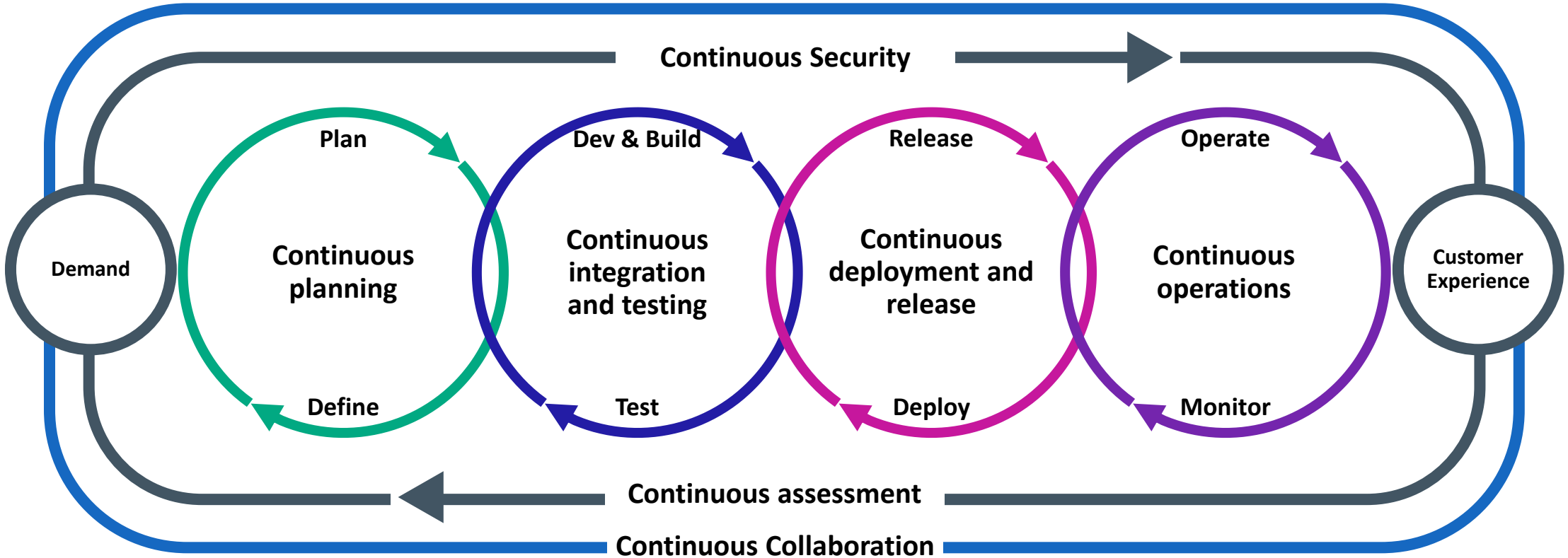
StormRunner Load
for performance testing of web and mobile applications;

AppPulse
suite to monitor and adapt your products' user experience in production

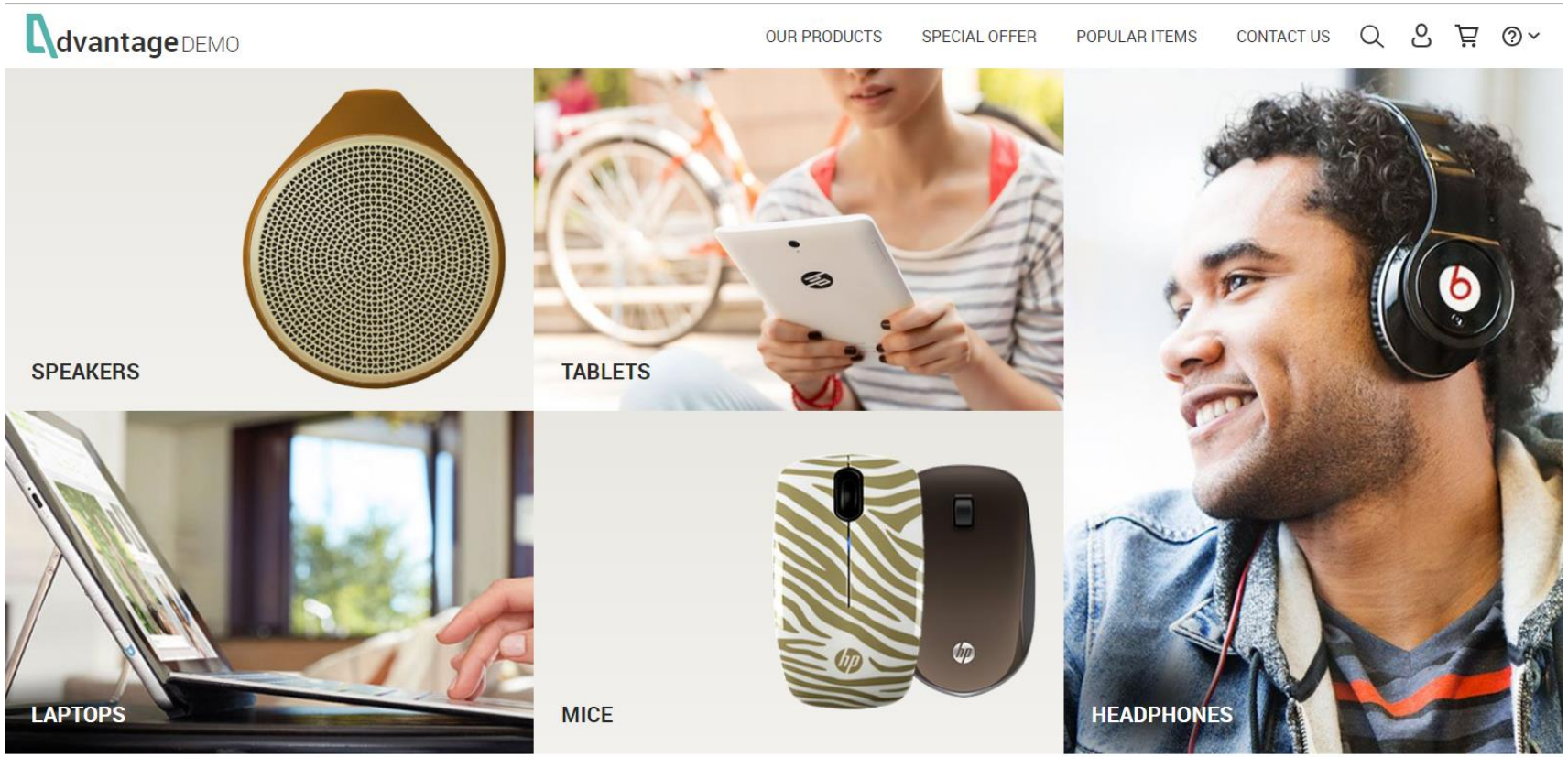


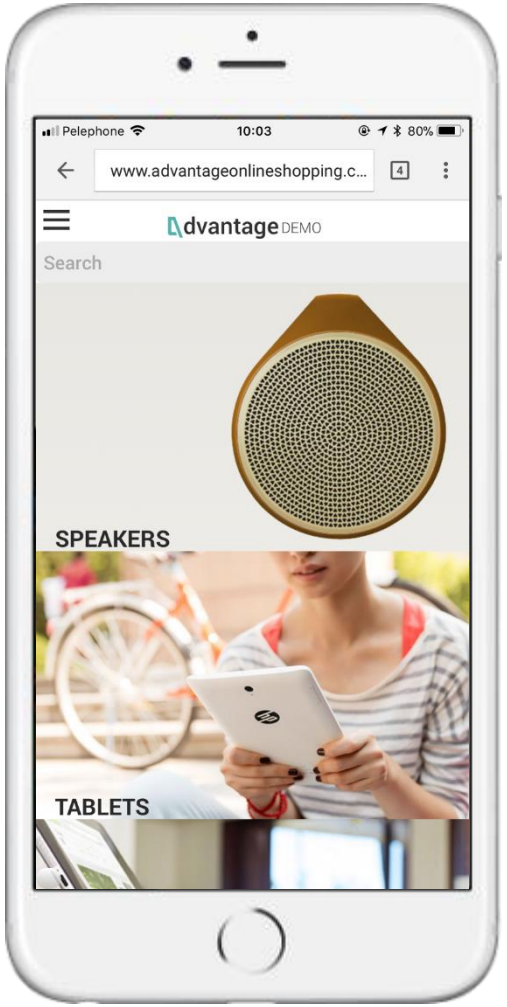
http://microfocus.com/devopssuite, devops@microfocus.com

Enterprise DevOps



Let’s buy a laptop





DevOps Team

Judy Parker

Product Owner

Anika Bendali

Developer

Troy Michanna

DevTester

Fredric Hernandes

Operations Engineer

Anaya Lakshmi

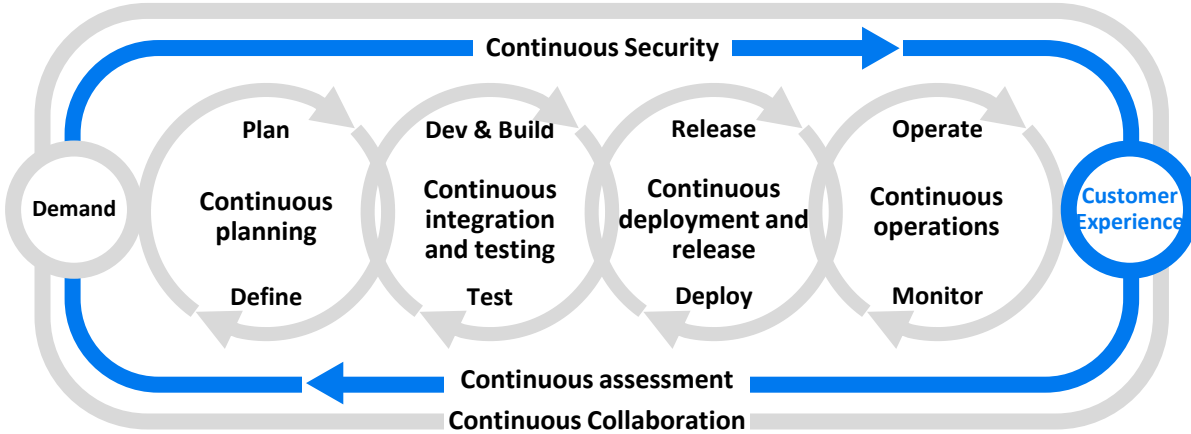
Performance Engineer

Harry Janson

Security Tester

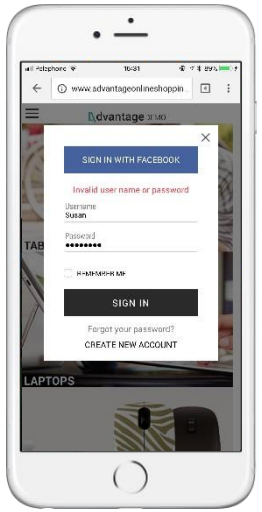
MICRO FOCUS

Customer experiences an issue with the app



Susan Philips

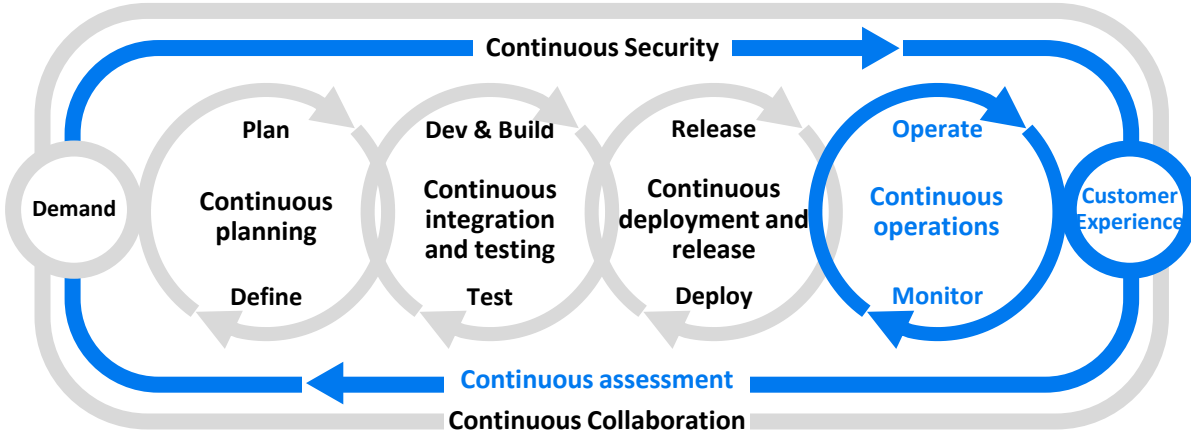
Mobile App Customer



Judy Parker

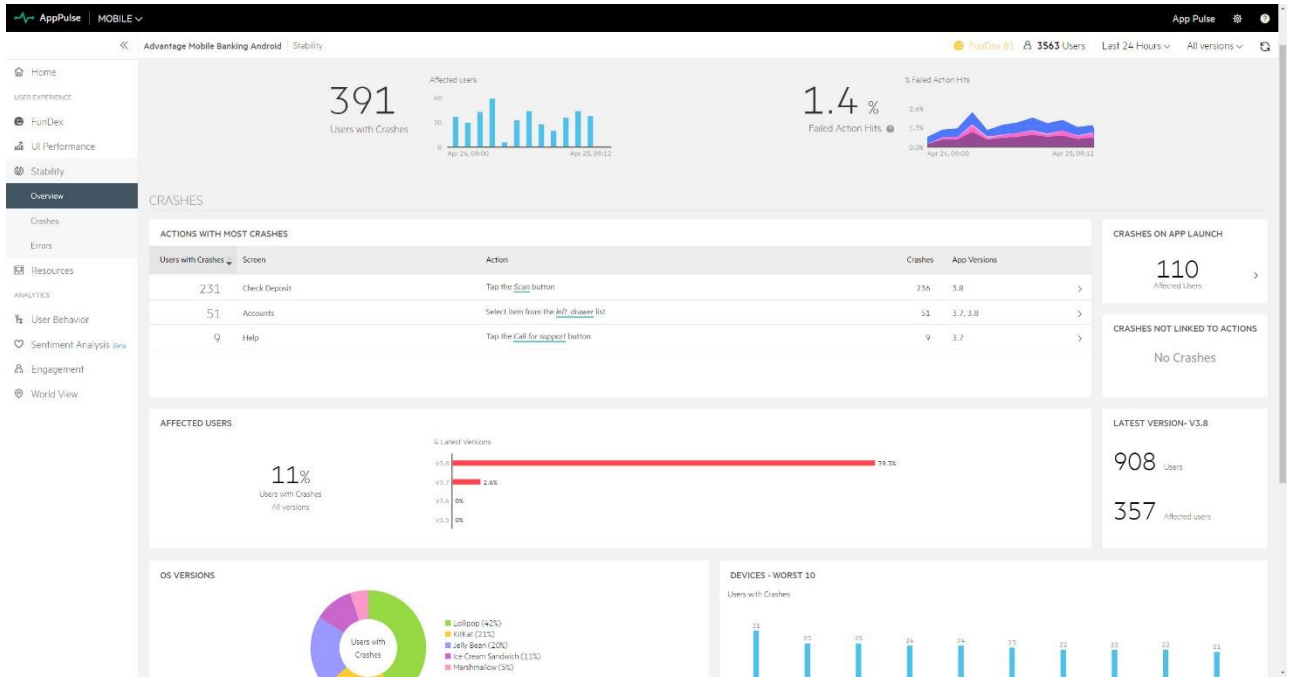
Product Owner

Product Owner Assesses Impact



Judy Parker

Product Owner



AppPulse

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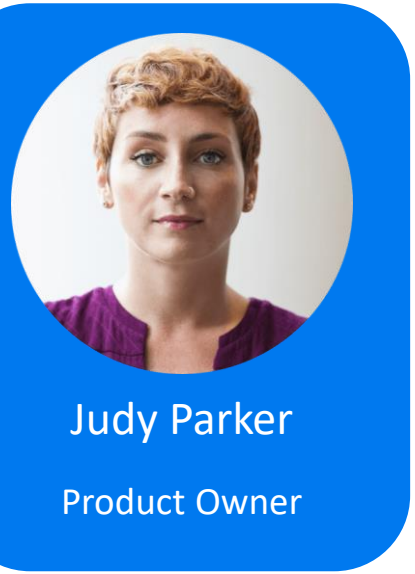
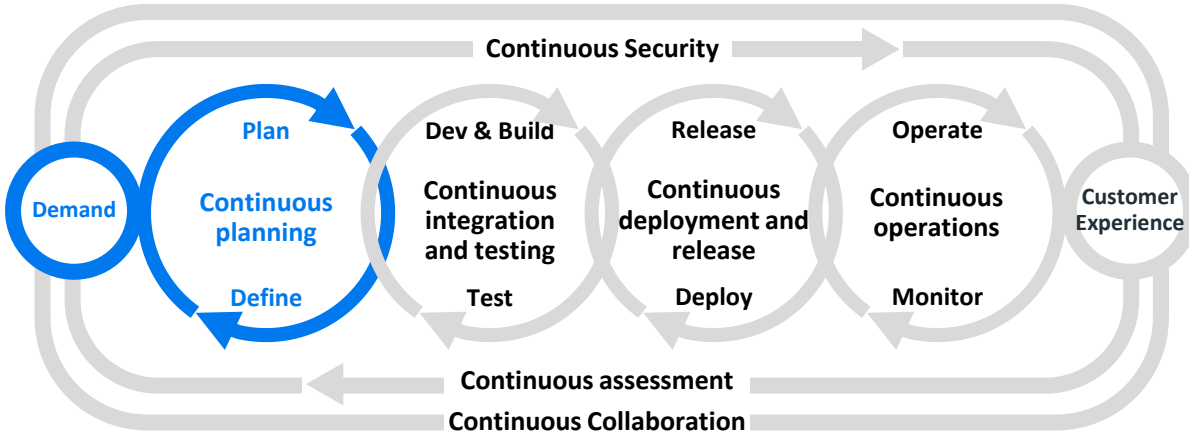
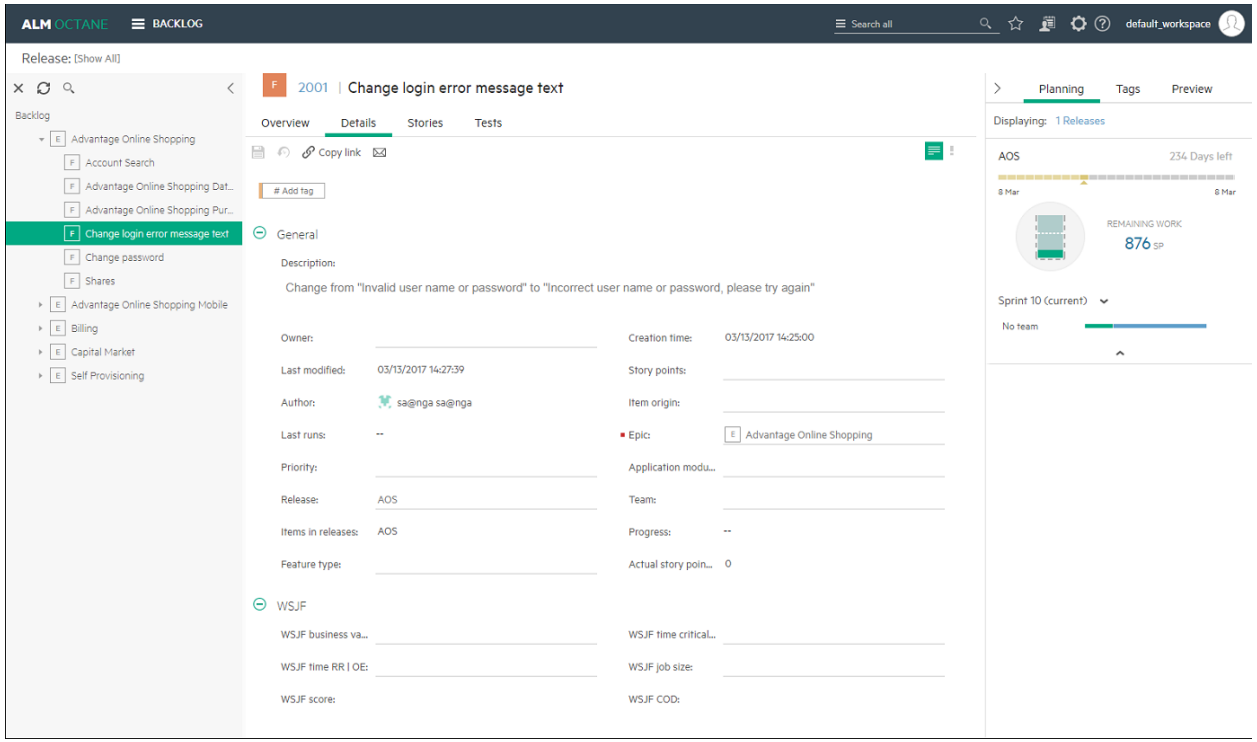
Product Owner assigns owner for the problem



Judy Parker

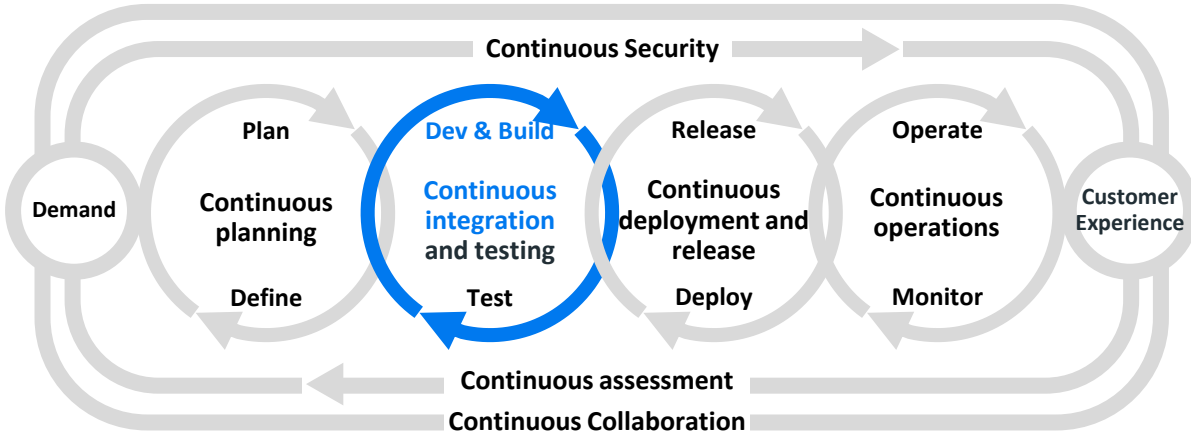
Product Owner





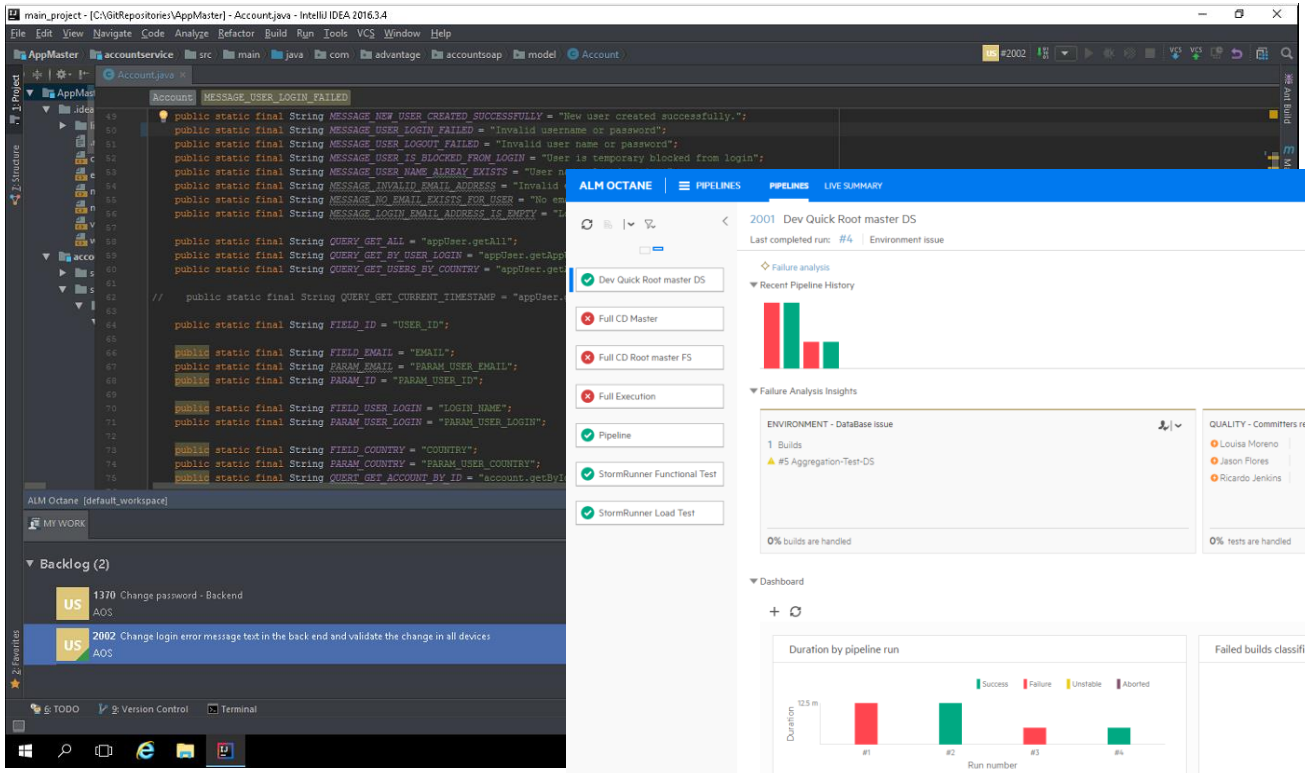
ALM Octane

Developer implements a fix



Anika Bendali

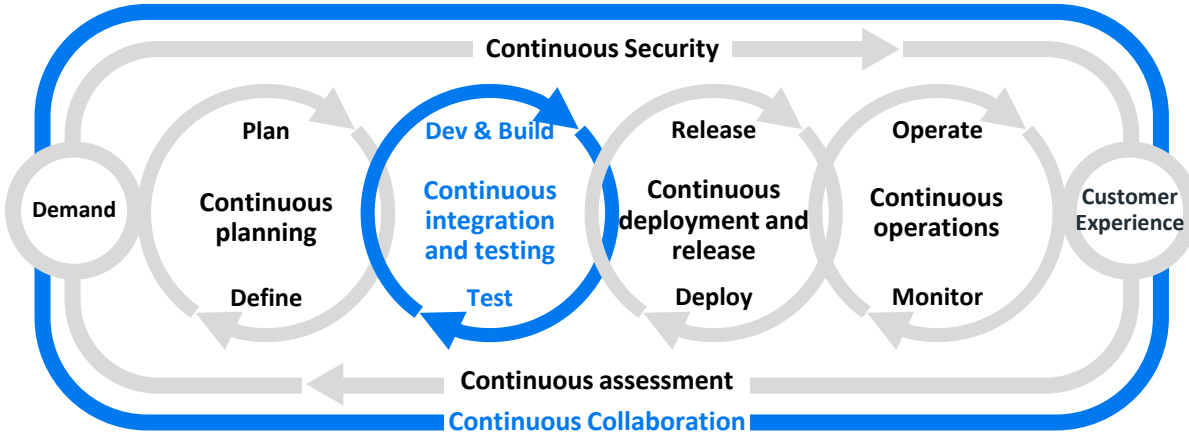
Developer



Uses ALM Octane in the IDE

Starts build, and pipeline is monitored in ALM Octane

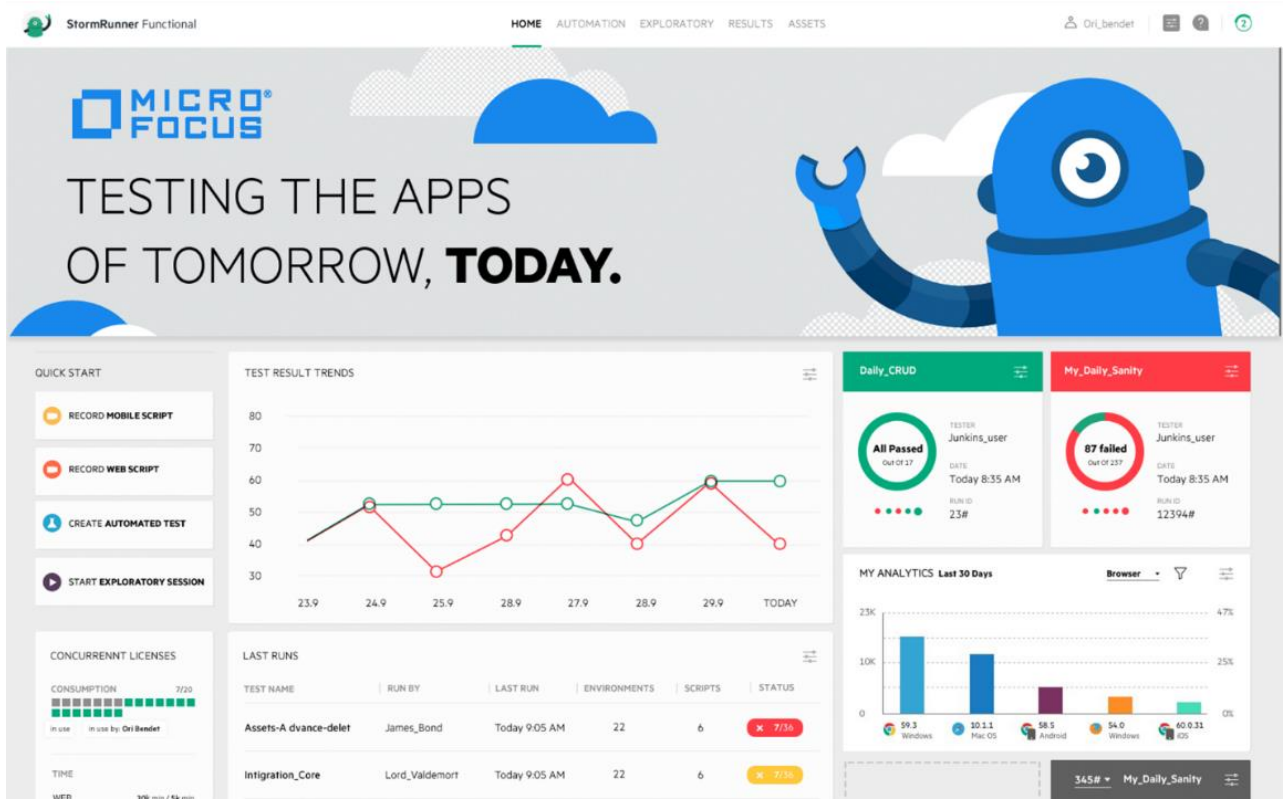
CI runs functional tests

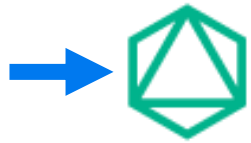


Troy Michanna

DevTester

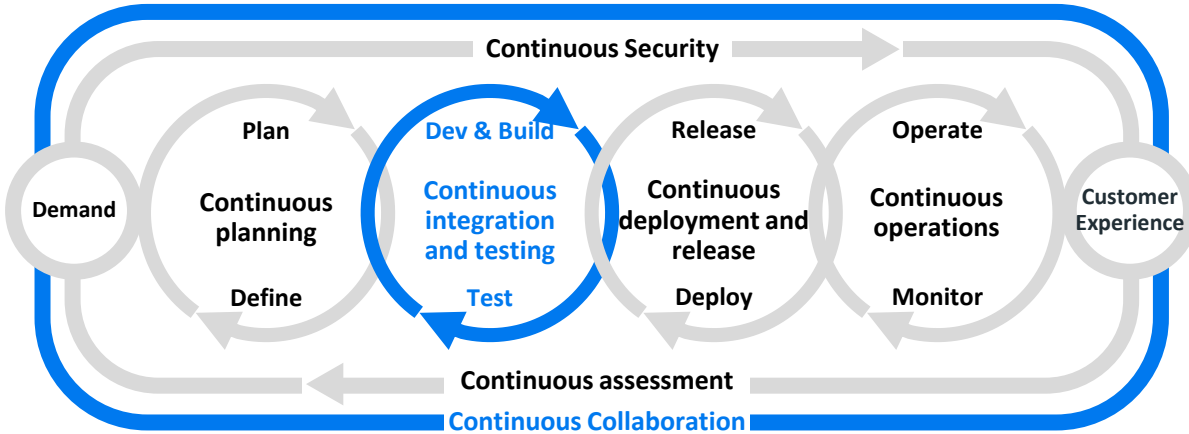
Functional testing in StormRunner Functional





Quality reported in ALM Octane

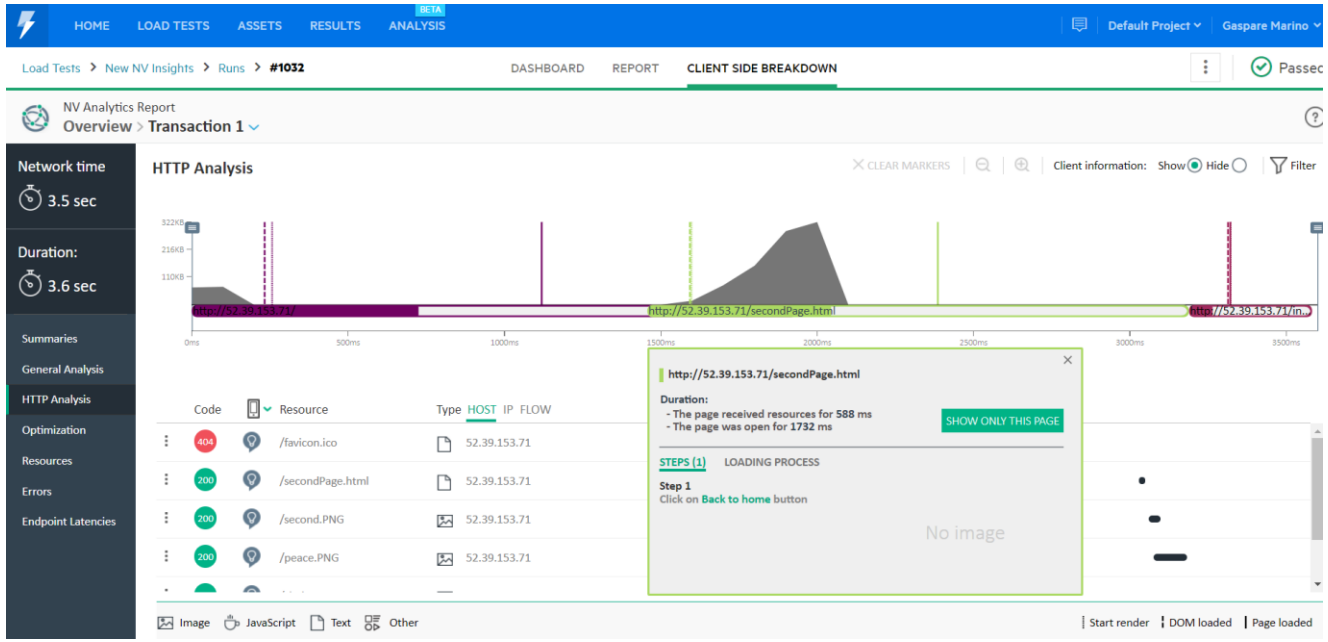
CI runs performance tests



Anaya Lakshmi

Performance Engineer

Performance Testing in StormRunner Load



Results reported in ALM Octane

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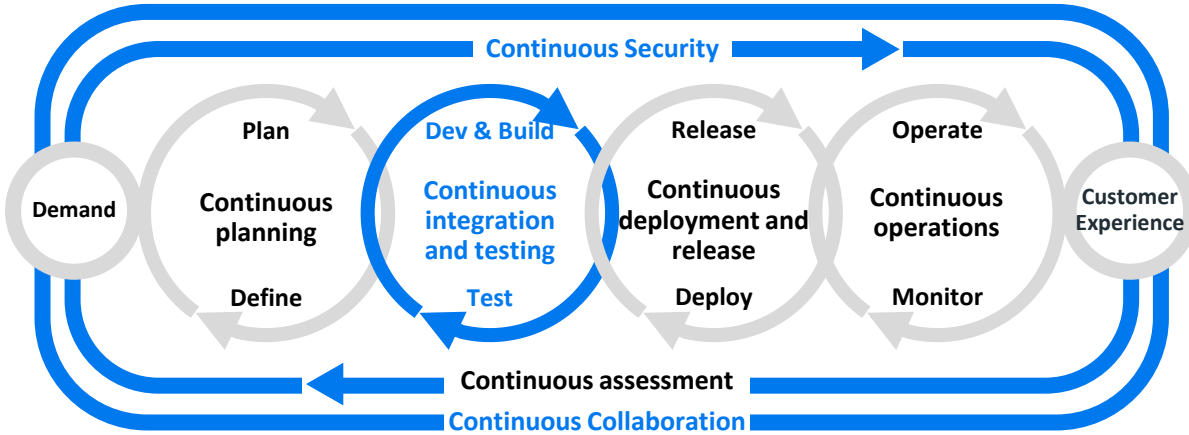
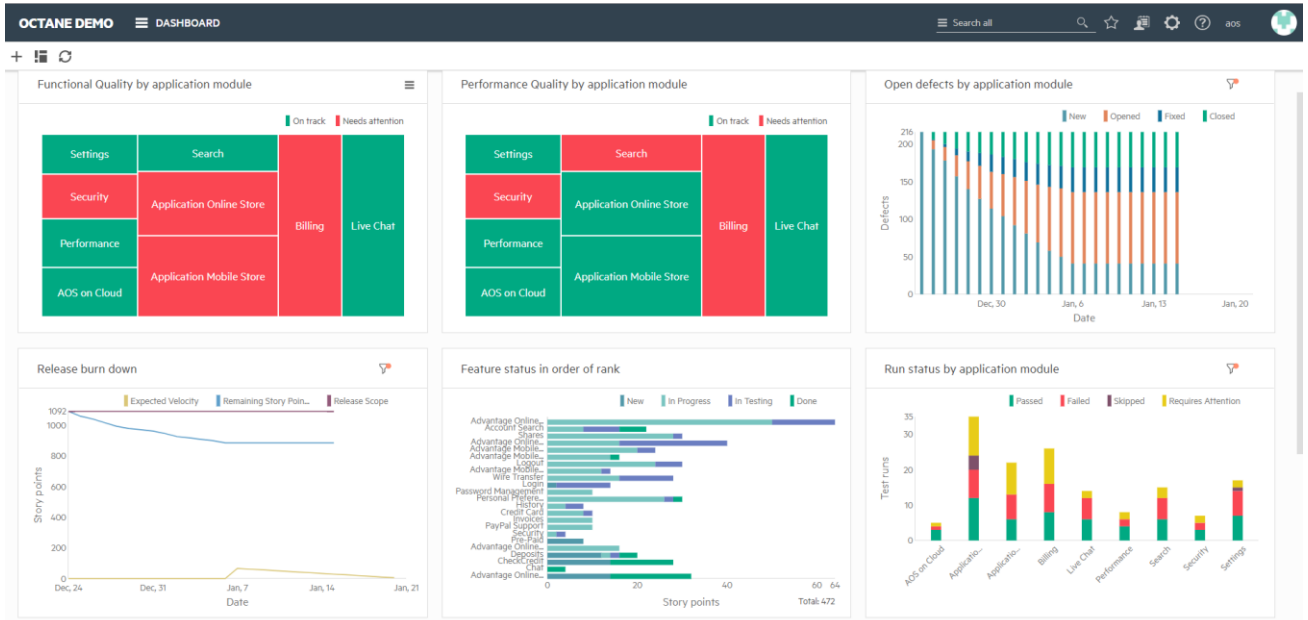
Release Control



Judy Parker

Product Owner

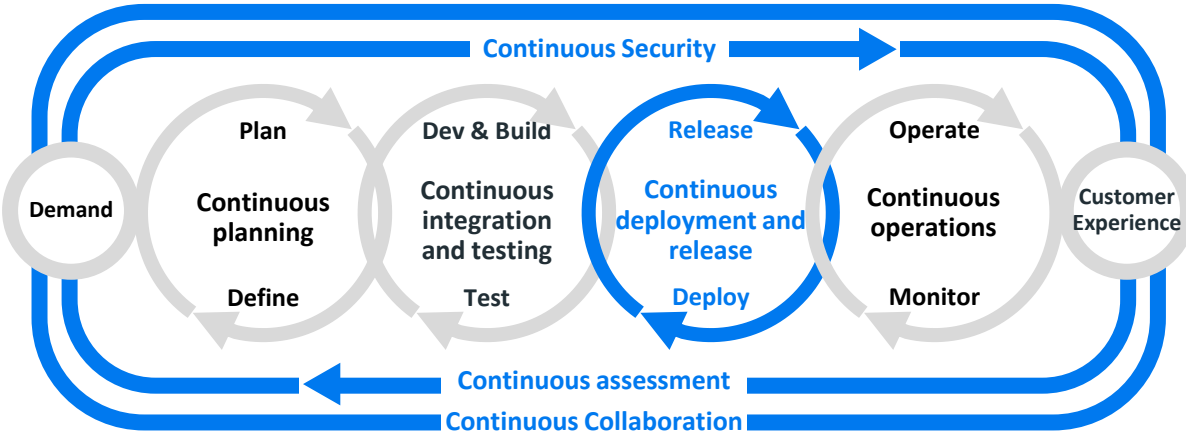


Fredric Hernandes

Operations Engineer

Monitor release readiness in ALM Octane

Release Control



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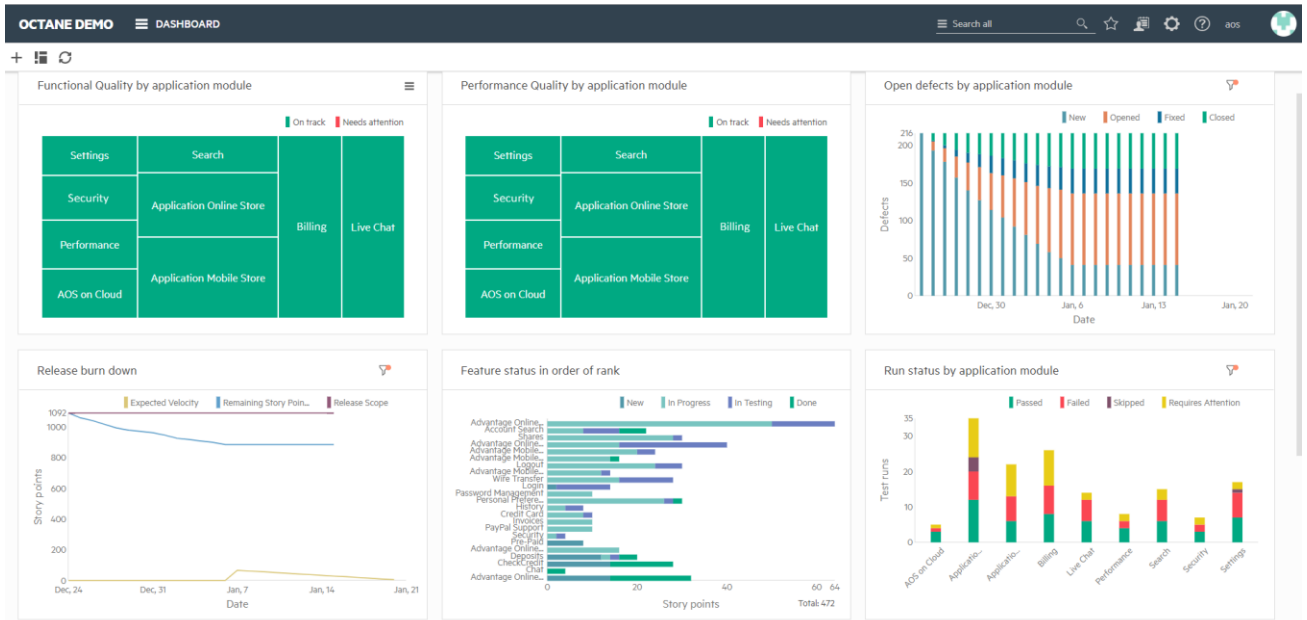
Product Owner

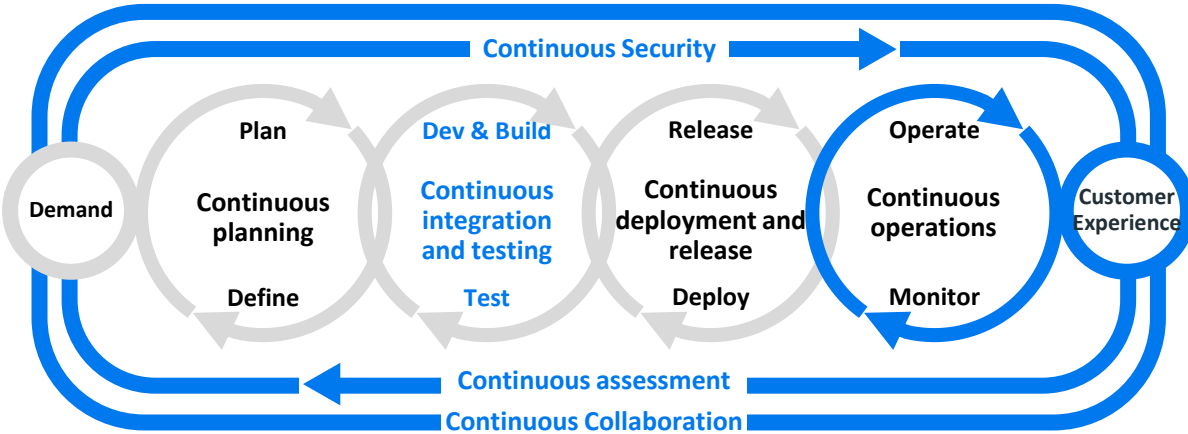


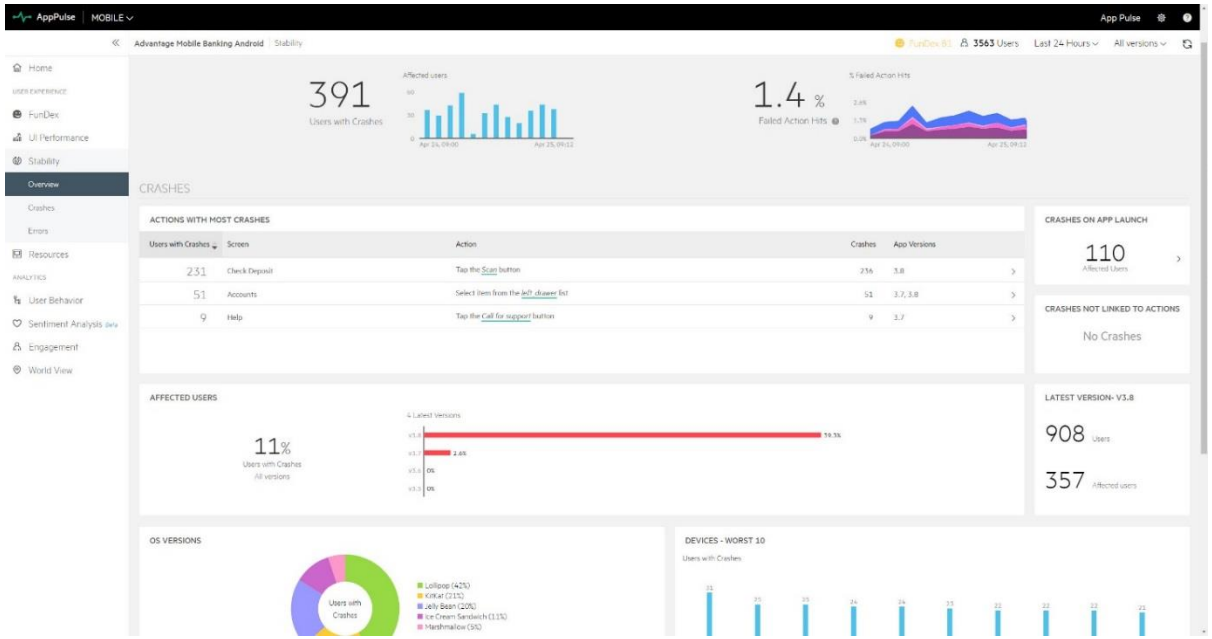
Fredric Hernandes

Operations Engineer

Monitor release readiness in ALM Octane

Operate and monitor in production





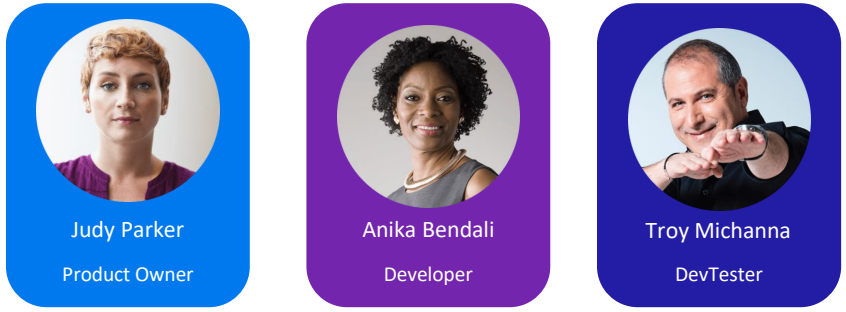
Fredric Hernandes

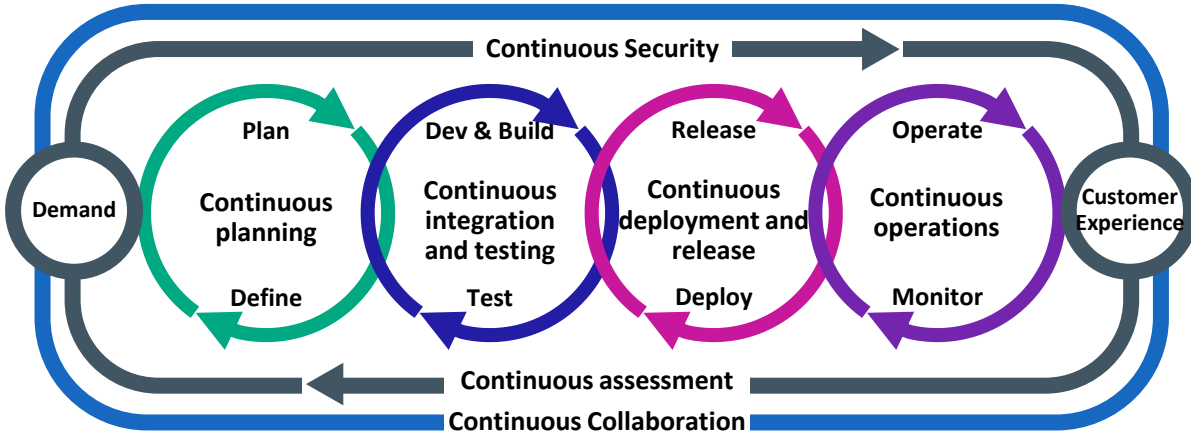
Operations Engineer

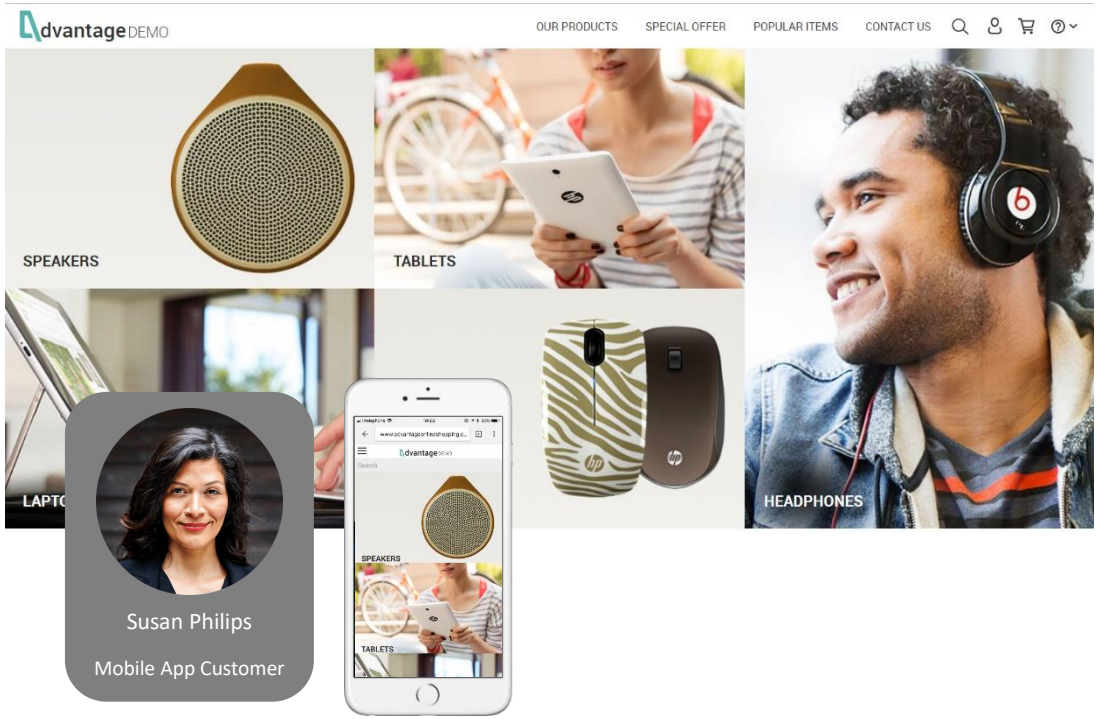
Monitor with AppPulse

MICRO FOCUS

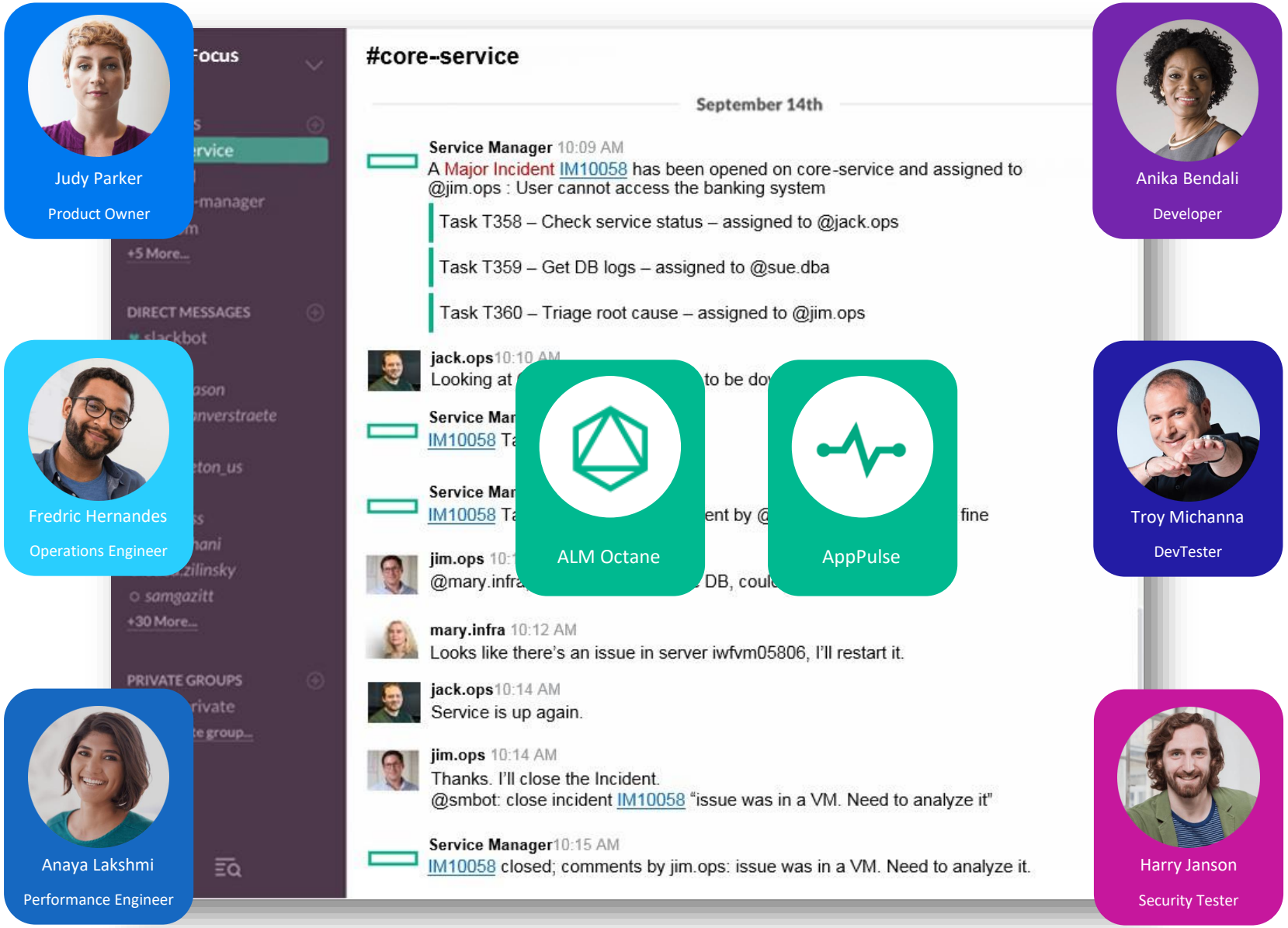
Operate and monitor in production







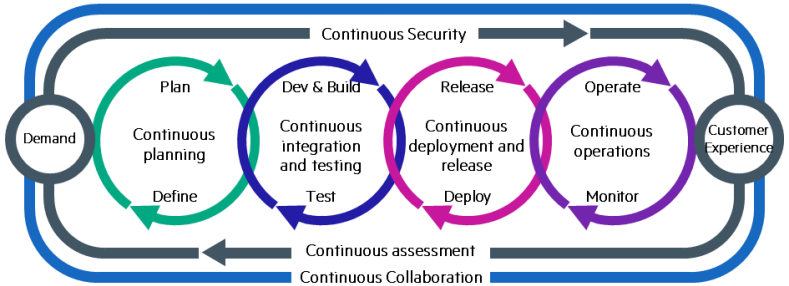
Close the loop with chatops

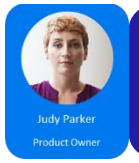


Demo

MICRO FOCUS

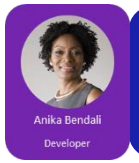
Recap





Issue detected

- Product owner assesses impact
- Product owner assigns a developer to solve it

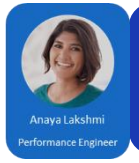


Developer implements a fix

- Developer writes code to fix it
- Developer initiates a build

CI runs functional tests

- The CI system triggers the functional tests
- Tests run on many devices and environments



CI runs performance tests

- The CI system then runs the load tests
- Ensures that the system is stable under load

Operate in Production

- Team continuously monitors user experience
- Everyone sees the dashboard

ALM Octane
Lifecycle & Pipeline Management

StormRunner Functional
Functional Testing
Mobile Device Lab

StormRunner Load
Performance Testing

AppPulse
Production Monitoring

The Micro Focus DevOps Suite

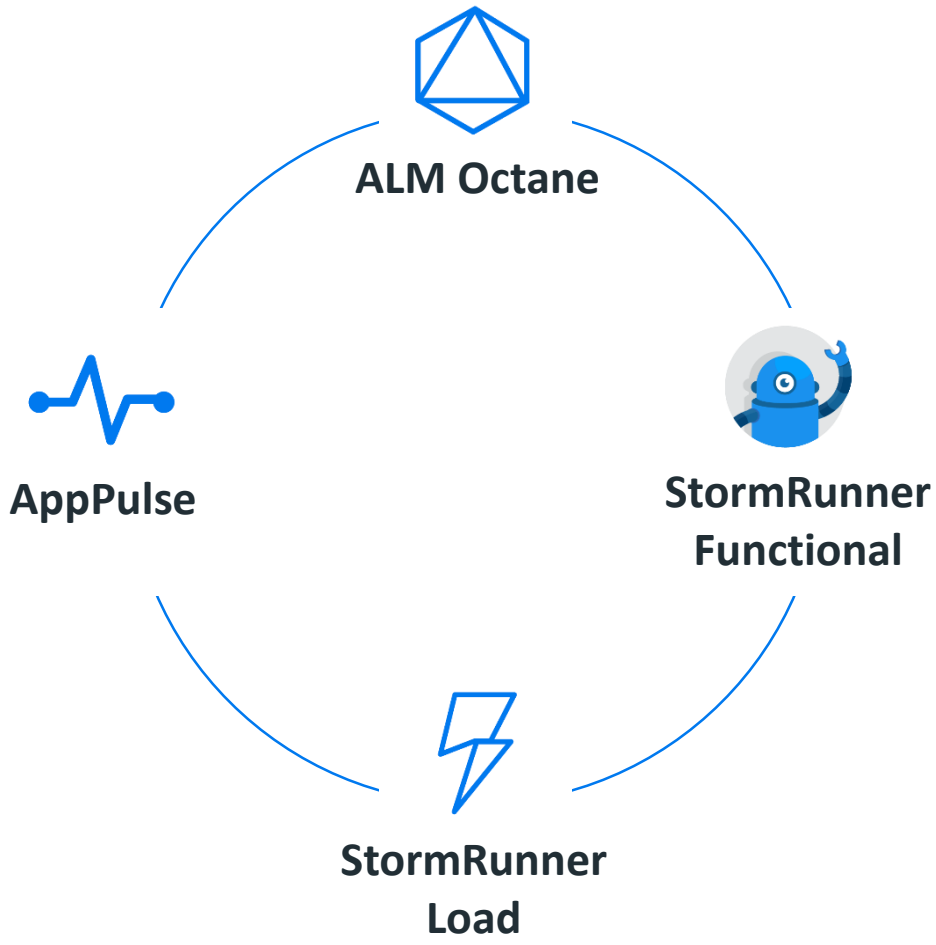
An integrated set of products that help you govern, test, manage, monitor and improve your software.

ALM Octane
for lifecycle and pipeline management;

StormRunner Functional
for functional testing of web and mobile applications;

StormRunner Load
for performance testing of web and mobile applications;

AppPulse
suite to monitor and adapt your products' user experience in production



http://microfocus.com/devopssuite, devops@microfocus.com

Thank you.

www.microfocus.com

Upcoming Vivit Webinars

April 17, 2018
SIG Talk: Quality and Testing - Proven Practices
9:00 - 10:00 AM PST (Los Angeles), 12:00 PM - 1:00 PM EST (New York), 18:00 - 19:00 CET (Fran**kfurt)**
https://vivitworldwide.site-ym.com/events/EventDetails.aspx?id=1083510&group=

April 19, 2018
SIG Talk: IT Operations - SACM/OpsBridge
8:00 - 9:00 AM PST (Los Angeles), 12:00 PM - 1:00 PM EST (New York), 18:00 - 19:00 CET (Frankfurt)
https://vivitworldwide.site-ym.com/events/EventDetails.aspx?id=1081712&group=

Thank you

- Complete the short survey and opt-in for more information from Micro Focus.

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