



StormRunner Load is a cloud based solution that makes it easy to plan, run, and scale performance tests without the need to schedule, deploy, and manage load generators

simple | smart | scalable





## **Introducing StormRunner Load**

#### **Cloud based performance testing**

#### **Simple**

Design a load test In under 10 minutes

10

minutes

#### **Smart**

Real time predictive analytics For quick problem isolation

5

seconds

#### **Scalable**

1 to 5M+ VUsers From Real world locations

5M+

**VUsers** 

## Rich Integrations for DevOps Tool Chain































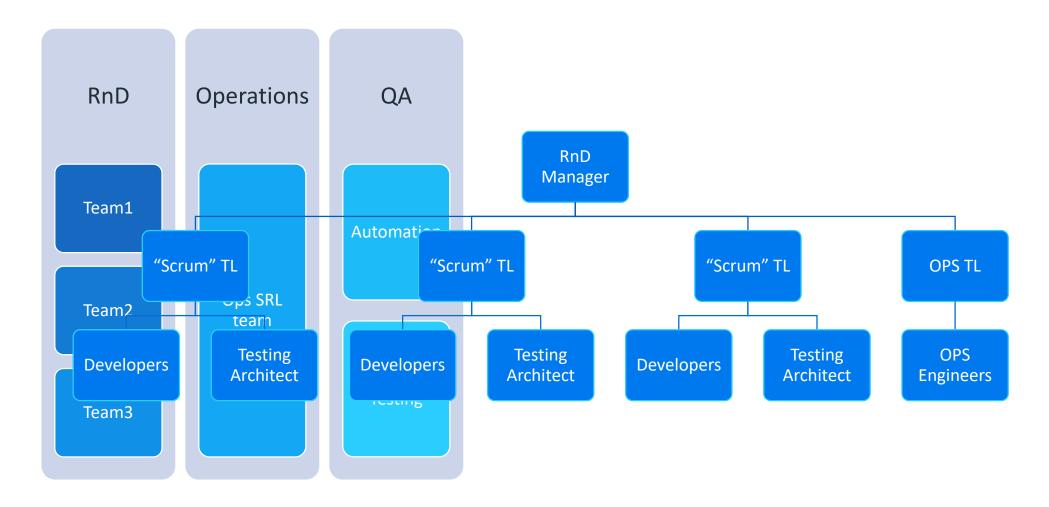


## קטע ממגזין עולם הבדיקות האחרון

הנה סיפור קצר להמחשה: התקשרתי למנהל QA שלא הכרתי כדי לקבל המלצה על מועמד שבחנו לקבל לעבודה. המנהל, שבינתיים גם הוא עבר למקום עבודה חדש, היה נחמד מאוד, שיתף פעולה ועזר לי מאוד לקבל החלטה לגבי המועמד. אבל ממש בסוף השיחה שאלתי אותו האם הציע לאותו מועמד להצטרף אליו לחברה החדשה אליה עבר ותשובתו הייתה "אצלנו אין QA, רק אוטומציה שאני אחראי עליה".

שנה חלפה, ובחברה שבה עבדתי התרחשו מספר תקלות חוזרות שנעשו ע"י שירות חיצוני בו השתמשנו (תקלות שהשפיעו באופן ישיר על לקוחותינו). לאחר מספר נסיונות ואזהרות ביטלנו את השירות מאותה חברה (הרי לא חסרים מתחרים). זה היה שירות אותו סיפקה... ניחשתם? אותה חברה בה עבד המנהל איתו דיברתי. "כנראה בכל זאת חסר להם משהו בתחום ה-QA" חשבתי לעצמי.

### StormRunner Load Group unification success story



### **StormRunner Load Agile in General**

- The Agile process is managed by <u>ALM Octane</u>
- Our Release cycle is ~2 months from CF to CF
- 3 development Sprints 1 stabilization sprint
- Each Sprint is 2 weeks
- TL is the "Scrum" Master
- Each sprint have Planning and retrospective is part of the planning. We conducting post release retrospective in management level.

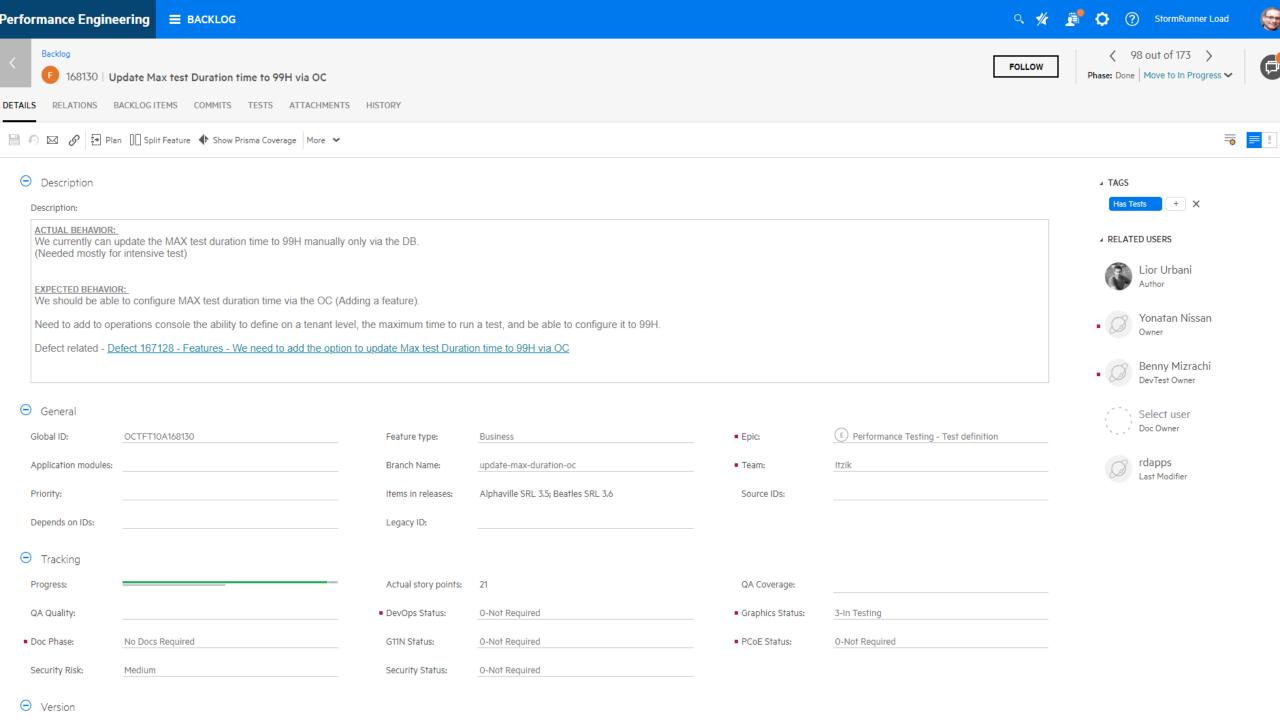
## **Work Flow During Development Sprint**

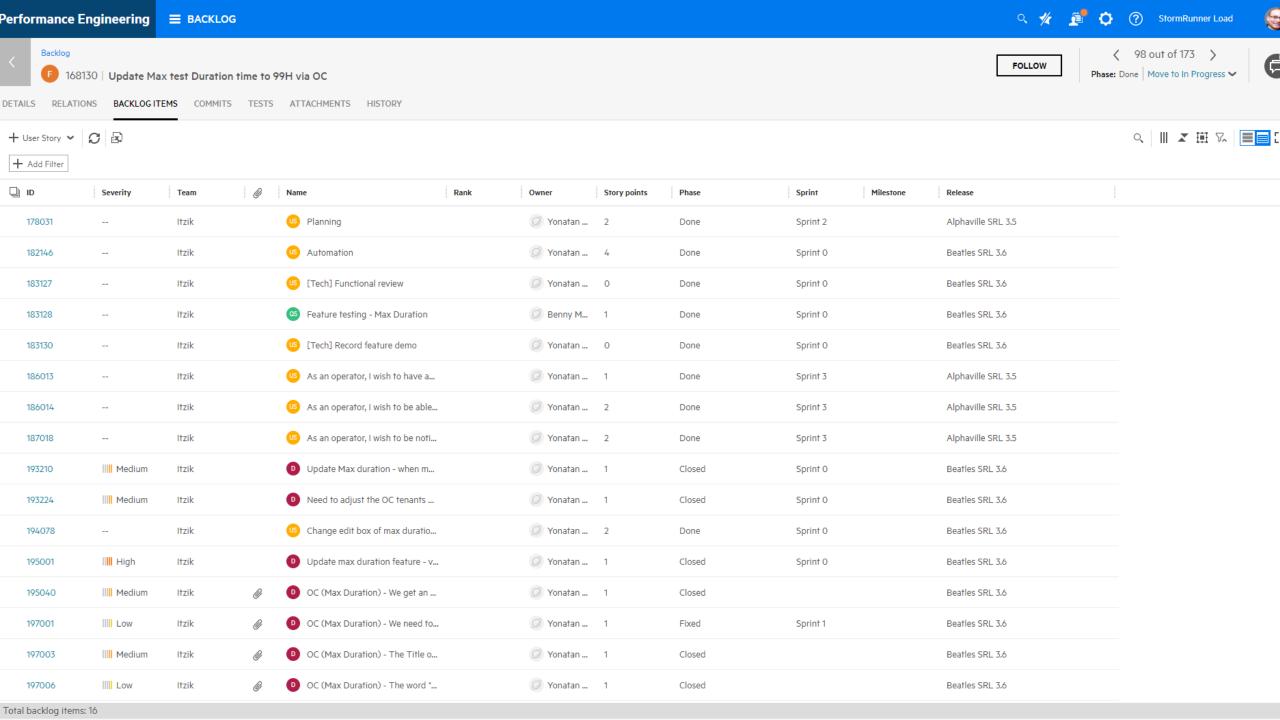
- Each developer is assigned to feature/features
- All Agile management is done via Octane (Feature\User Stories\Defects etc)
- Feature can be extended between sprints and sometimes releases but it is not ideal. In general we are trying to create MMFs when feature is huge.
- Developer is the Feature Owner and in charge of the feature development, Test
   Automation and Manual tests if needed and on all other aspects that need to be
   considered (Documentation working with Docs (Technical writer), DBA, Performance
   – Working with Performance Engineer, Security etc)
- Feature is moving to Done after Feature Check list is approved.

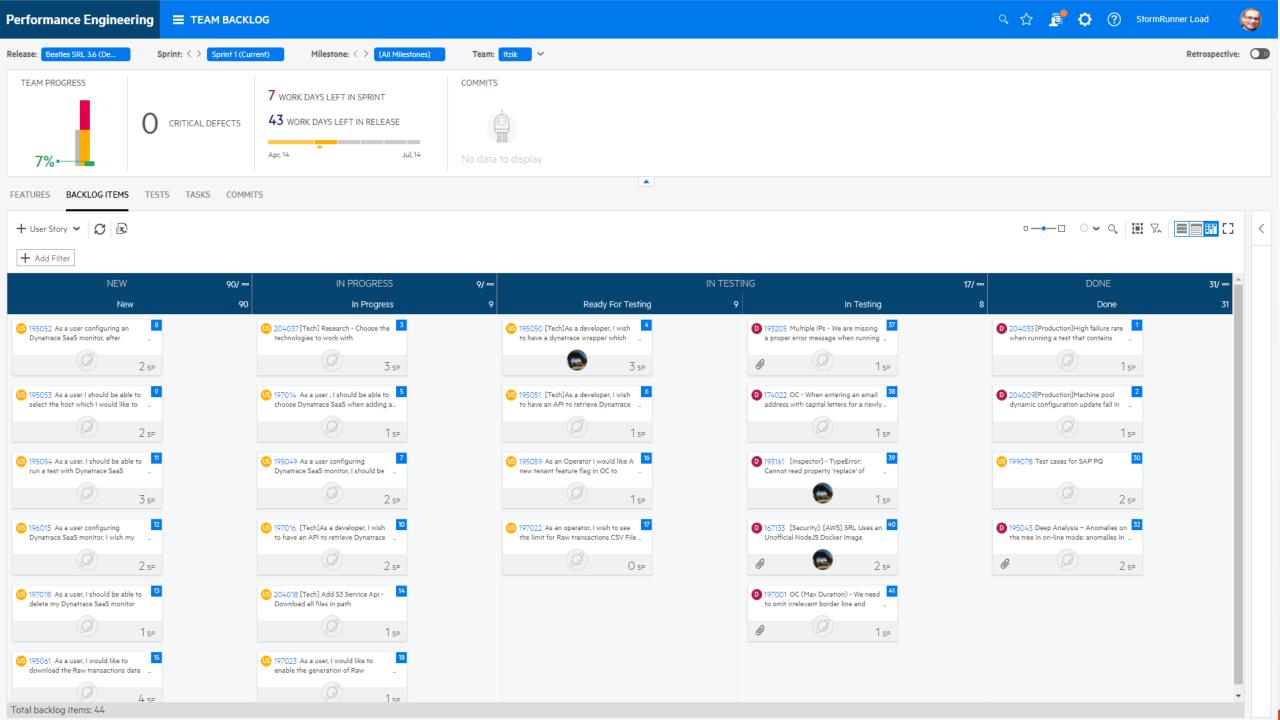
#### **Feature Check List**

Feature Name	<feature name=""></feature>			
Descritpion	<short description="" feature=""></short>			
Phase	Tasks	Status	Comments	Stakeholder
1Execute	Coding			TL
2Execute	Code Review			TL
3Execute	Automation			TL
4Execute	Infra/Devops changes review			TL/DevOPS
5Execute	Strings and docs Review			Docs
6Execute	Functional review		was reviewed by FA/SA?	FA/TL/SA
7Execute	UX+Graphic review			UX\Graphics
8Execute	complete graphics adjstuments			UX\Graphics
9Execute	DBA Review			DBA
10Execute	Security review			SA/Elena
11Execute	Document & send new/modified Public APIs to SA			SA
12Execute	Document & send new/modified 3rd parties to SA			SA
13Execute	Testing		The team tested the feature branch and approved the merge?	QA
14Execute	Performance test			TL
15Execute	Monitors			TL
16Execute	Usage Statistics & Google Analytics			TL/FA
17Execute	Provide description to the writing "What's new"			FA
18Deliver	Record Feature Demo			ΤL

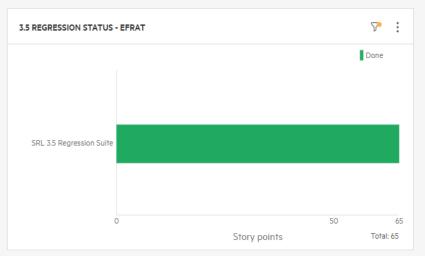


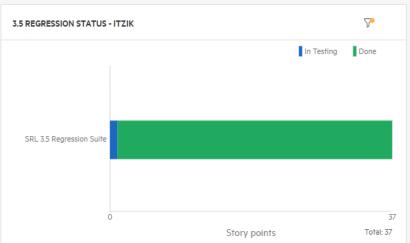




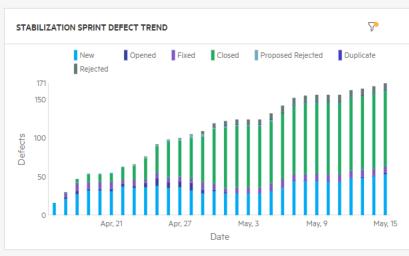


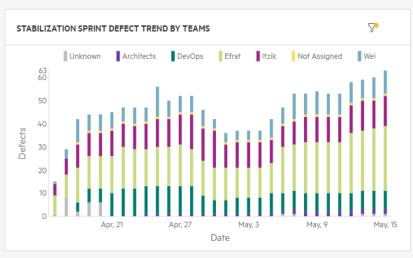


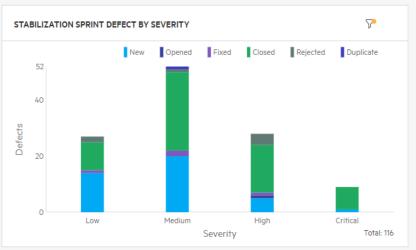


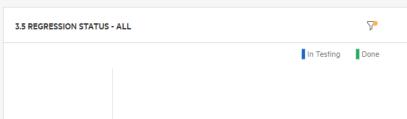












#### **Regression Sprint with unified team**

- Tests are managed by User Stories in order to give the team leader the ability to manage the sprint as regular development sprint
- The User Story define the needed tests to be done via description or attached test using Octane
- Each team member (Developers or Test Architect) having there own Users Stories
- Surprise!!!!! Developers submitting defects and making Manual test if needed.
- Our goal is to reduce Regression sprint duration, to reach up to 95% automation and to shorten our delivery to production cycles



# From Local (Micro Focus) Data Center to AWS

Private cloud provider (SaaS DC)

Monolithic service
(Virtual Machines)

Process coding

TO

AWS

Micro service

State

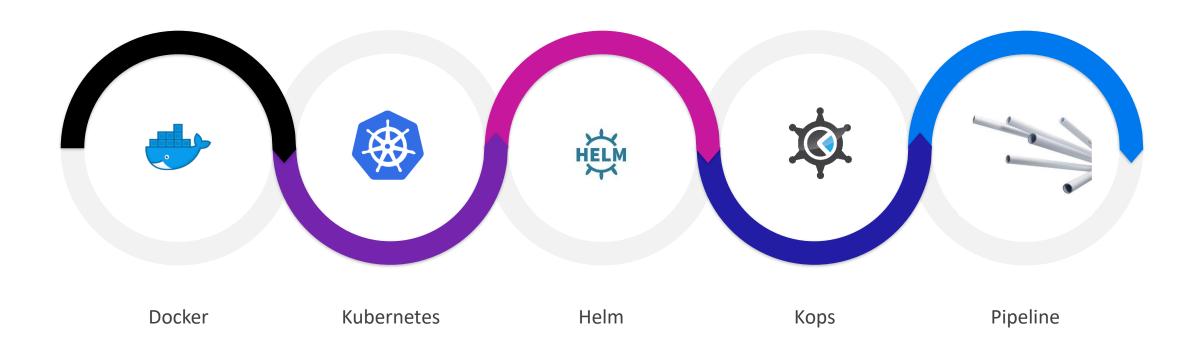


# Why?

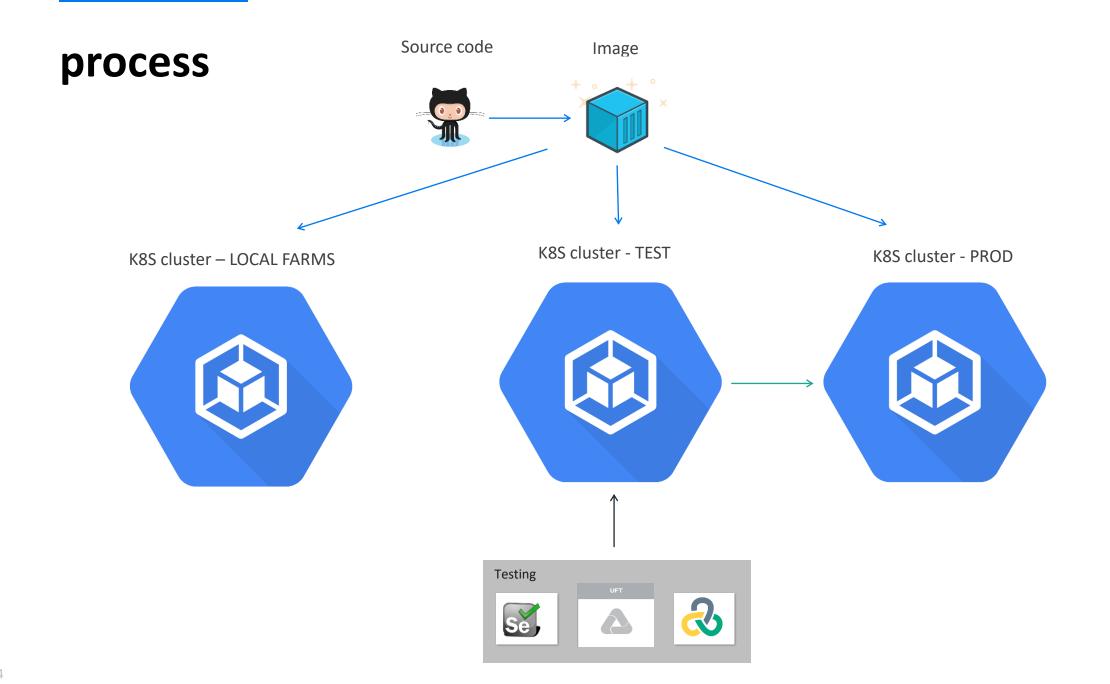




# How?

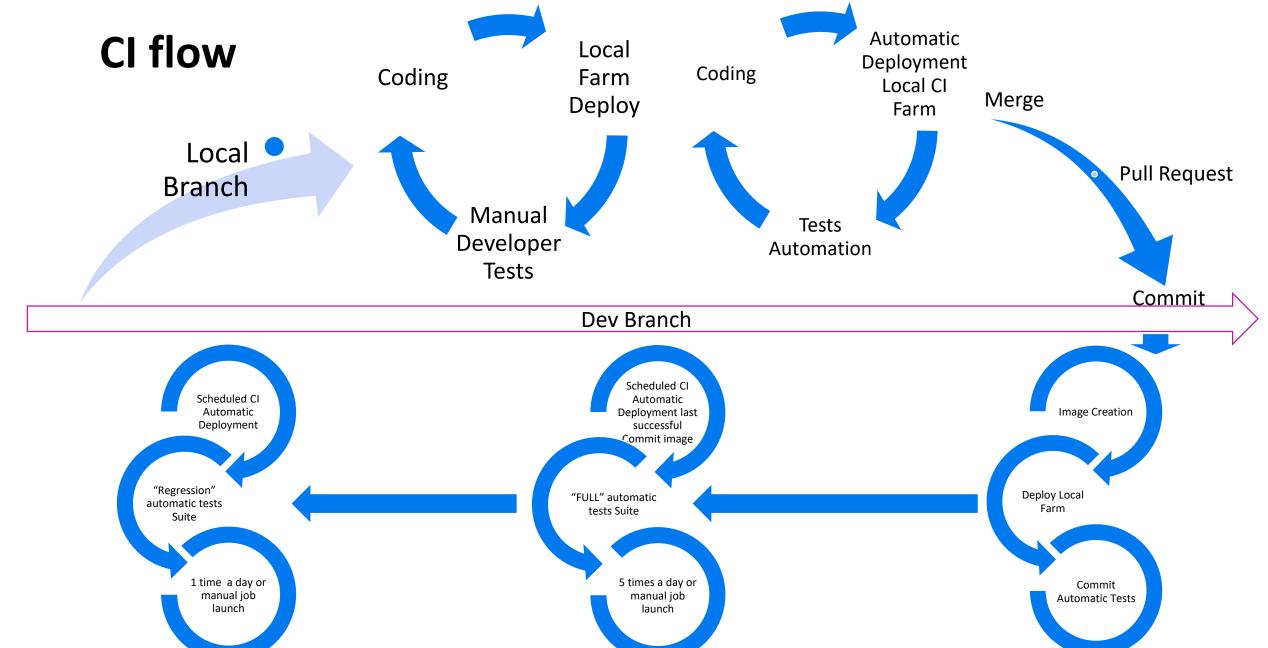




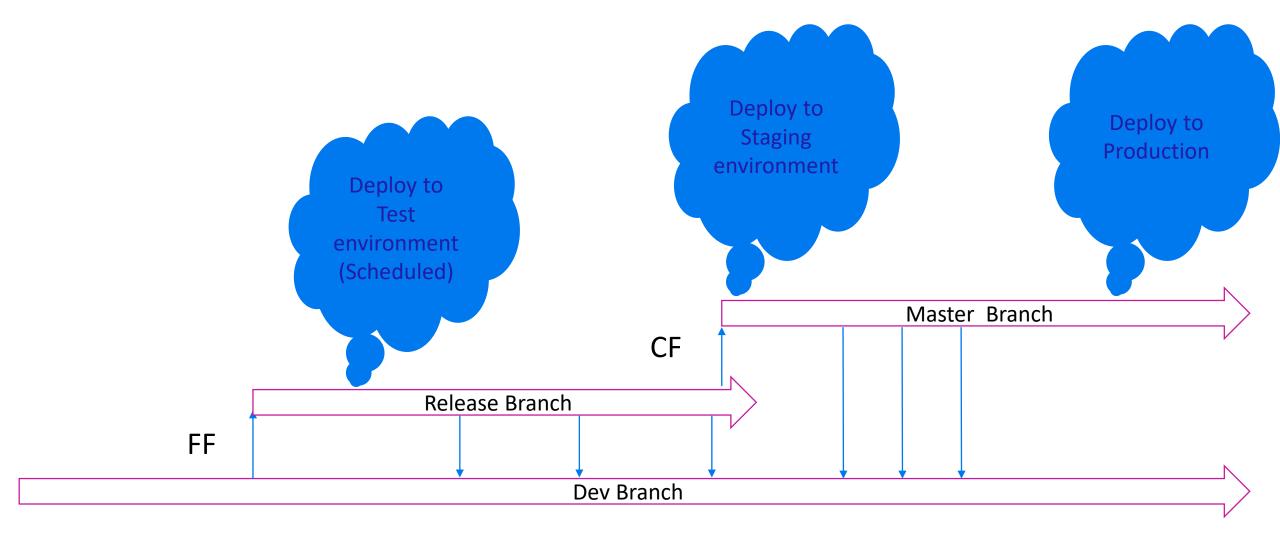




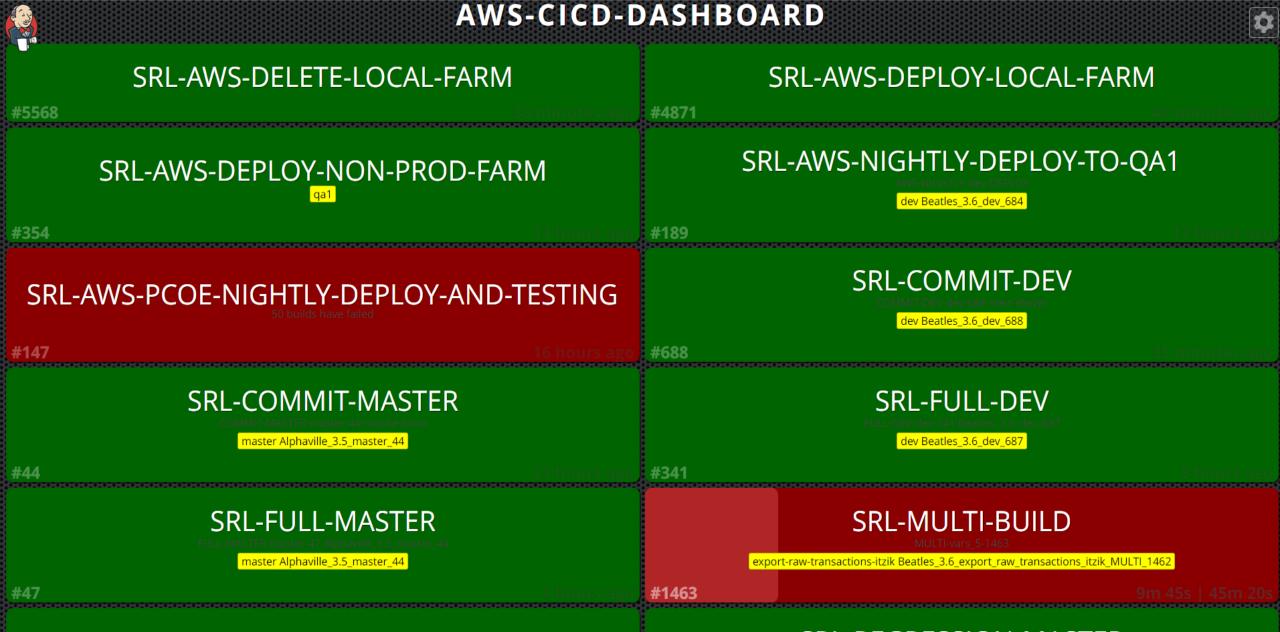




#### From development to Production Deployment



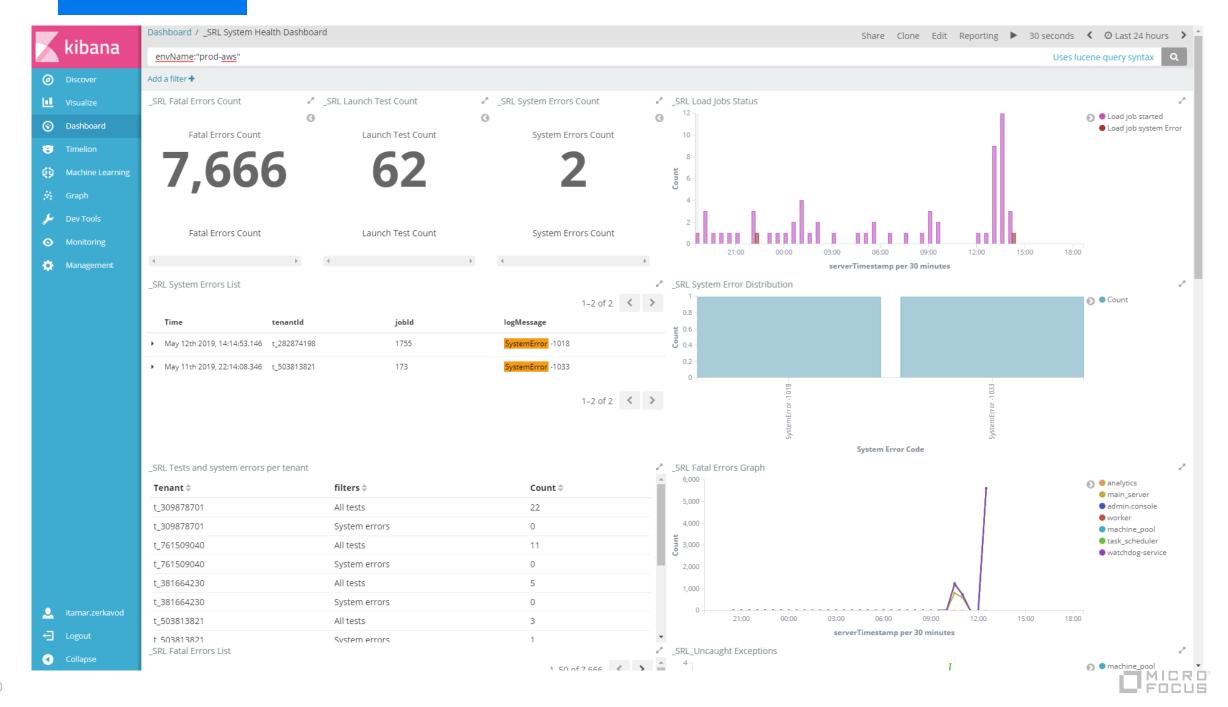


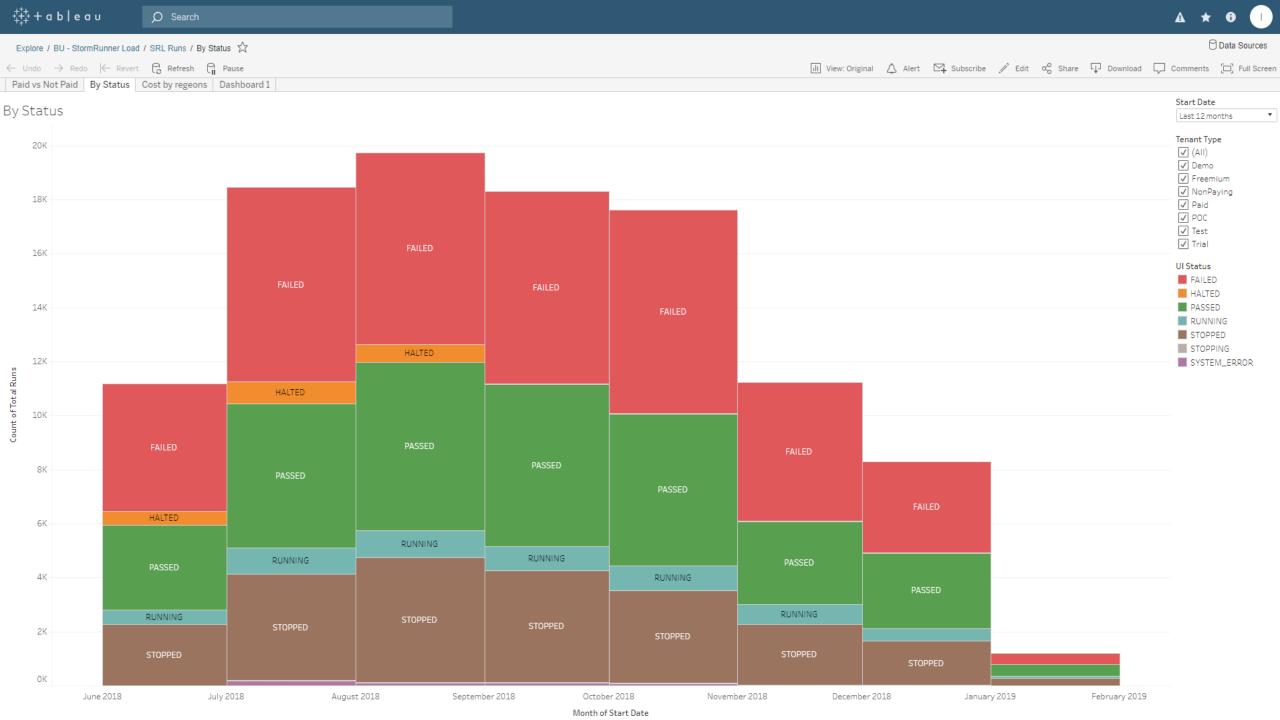


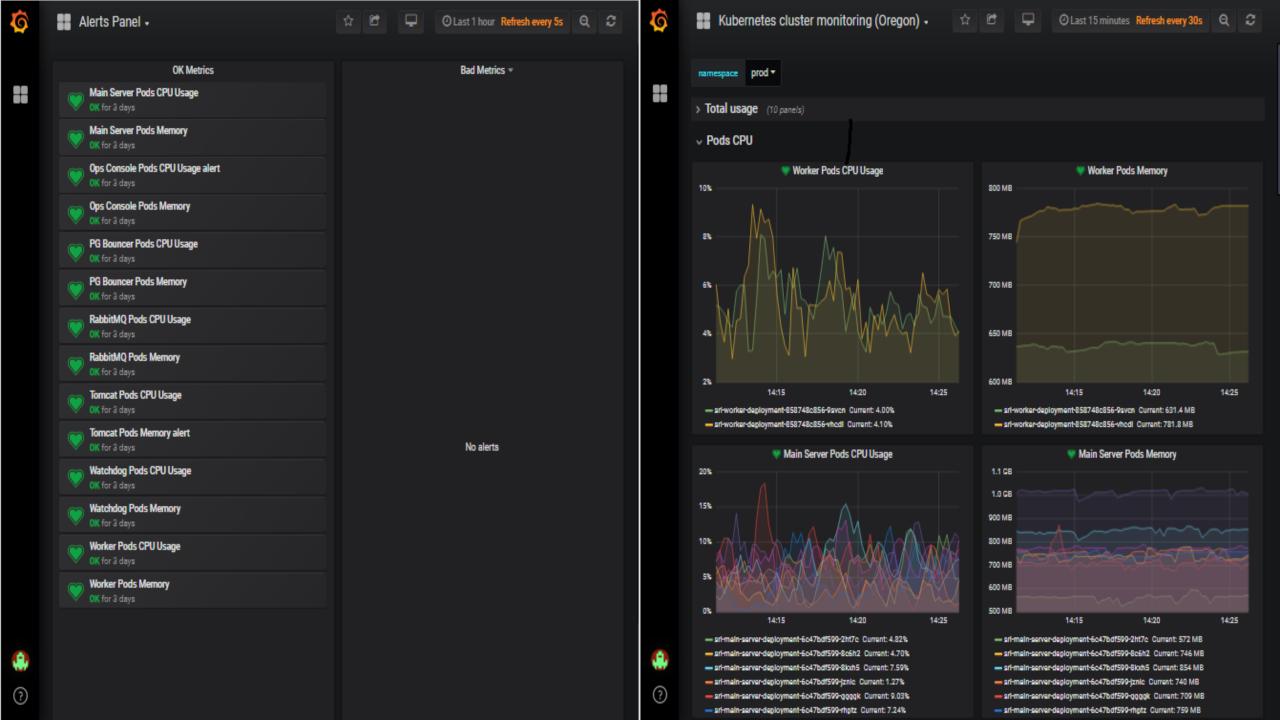
# **SRL-REGRESSION-DEV**

SRL-REGRESSION-MASTER













# Thank you.

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