



CloudBees  **DAYS**

# DevOptics Workshop

Software Delivery Visibility and Insights



You can't improve  
what you can't see

– Anon

You can't manage what  
you don't measure

– Peter Drucker



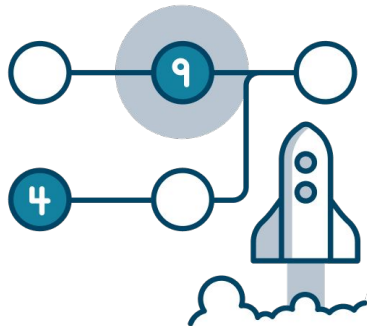
# Measure and Optimize DevOps Performance

DevOptics provides *transparency* into the end-to-end software delivery process enabling organizations to eliminate *automation constraints*, remove *blockages and bottlenecks*, and improve *DevOps performance*



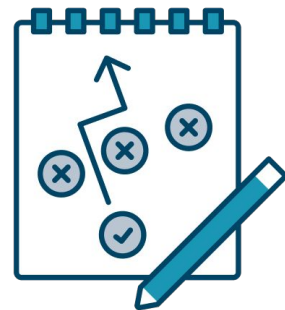
## CD Platform Monitoring

Track availability, usage and team engagement of your CD Platforms to ensure they are optimally supporting your software delivery activities.



## Real-Time Value Streams

Map your software delivery lifecycle and provide shared insights into your software delivery status. Identify and remove bottlenecks to reduce waste.



## Industry Standard DevOps Metrics

Measure performance across teams to leverage best practices and enable continuous improvement.

Active runs



30

Expected: 28

Idle executors

30

Expected: 28

Runs waiting to start

30

Expected: 28

Avg. Time Waiting to Start

7h 12m

Expected: 14h 43m

Current time to idle

30

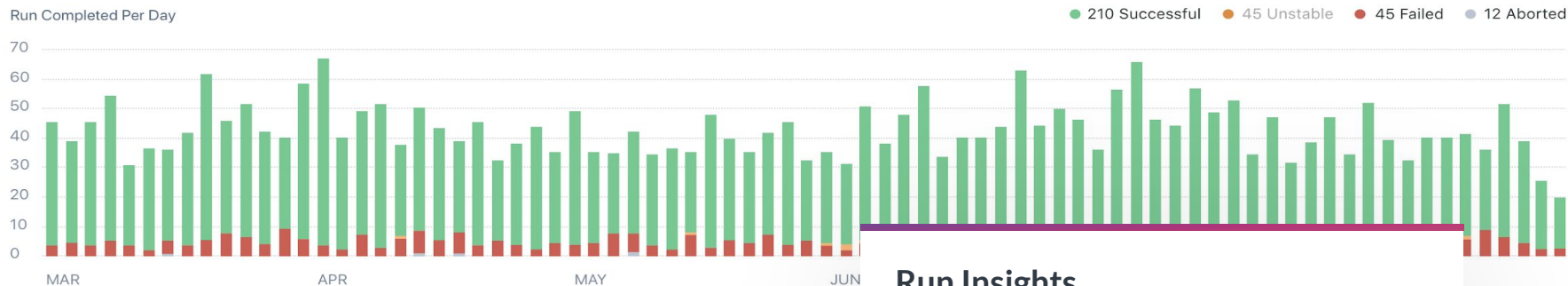
Expected: 28

Run Completions

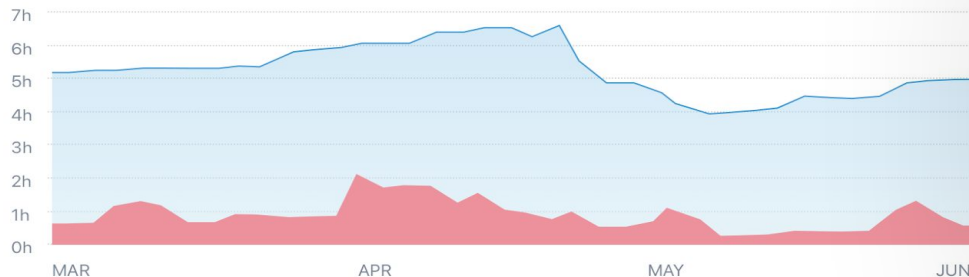
Runs Per Node Label

Runs Per Node Label

Run Completed Per Day

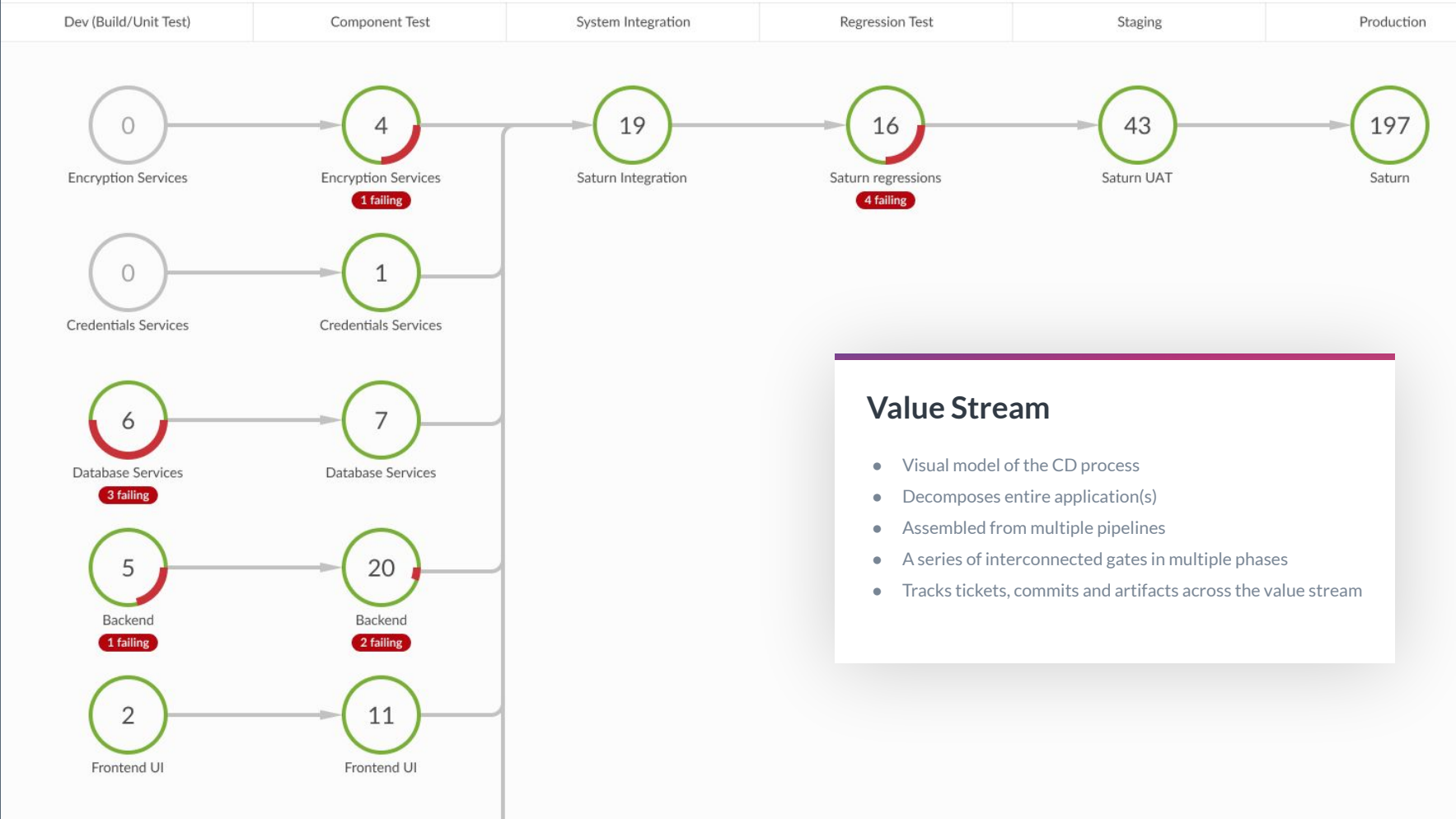


Average time to complete a run



## Run Insights

- Monitoring and insights of all runs across your CD platform infrastructure
- Real-time and historic view of job and pipeline activity
- Connect any number of masters for aggregate view across the organisation
- Works with heterogeneous mix of CloudBees Core and Jenkins OSS
- Metrics viewable over an adjustable time period
- Ensure your CD platform is optimally supporting the demands of the product teams



## Value Stream

- Visual model of the CD process
- Decomposes entire application(s)
- Assembled from multiple pipelines
- A series of interconnected gates in multiple phases
- Tracks tickets, commits and artifacts across the value stream

## Tickets tracked at this gate

Filter tickets

Properly URL encode the display name



16 min ago



SAT-2230

IN PROGRESS



Fix adjunct loading error on orders



16 min ago



SAT-1836

IN PROGRESS



Properly URL encode the display name



16 min ago



SAT-2230

IN PROGRESS



Fix adjunct loading error on orders



16 min ago



SAT-1836

IN PROGRESS



## Visualize Context

- Facilitate root cause analysis
- Dig deeper and easily navigate to
  - tickets in Jira
  - commits in Git
  - builds/jobs/pipelines in Jenkins

# JENKINS

# JIRA

# GIT

The image displays three overlapping software interfaces. The top interface is Jenkins, showing a list of pipelines for the 'Astro Team' with columns for NAME, HEALTH, BRANCHES, and PR. The middle interface is Jira, showing a ticket for 'Saturn / SAT-4' with details like Type (Story), Priority (Medium), and Status (IN PROGRESS). The bottom interface is Git, showing a commit history for the 'kmalhi / Saturn' repository, with a list of commits and their messages.



# CloudBees DevOptics

*Visibility and insights to measure, manage and optimize your software delivery*



## Reduce Waste

Get immediate visibility into bottlenecks, wait times and dependencies to identify improvements at every stage of delivery.



## Continuously Improve

Access data across teams, tools and applications for actionable insights to measure, manage and optimize DevOps performance.



## Leverage Best Practices

Apply DevOps best practices and enable cross-team collaboration through actionable feedback to refine your continuous delivery capability.

## CloudBees DevOptics landing page

- Login via the DevOptics page on cloudbees.com
- Sign in directly, or via Google or GitHub
- Also supports SSO via SAML



# DevOptics

Visibility and insight to measure, manage and optimize your software delivery

Get Started Today!

