



DevOps World 2020

TIAA's Continuing Journey

September 2020

CREATED TO SERVE.

BUILT TO PERFORM.

About TIAA



By the numbers

FOUNDED IN
1918



254
offices in
25 countries

More than
17,000
associates¹

Our customers



5M
individuals

More than



15,000
institutions serviced by TIAA²

\$1.1T

in assets under
management with
holdings in more than
50 countries³



More than
1,100
financial advisors⁴

More than
\$459B
in benefits paid
since 1918⁵

- According to a recent survey of 19 providers, **TIAA is the largest manager** of qualified plan stable value assets with \$168.8 billion in stable value accumulation values.⁶
- TIAA is the #1 not-for-profit retirement market provider in assets and participant accounts.⁷
- Paid **more than \$5 billion** to retired clients in **2018**, including more than **33,000** annuitants over the age of 90.
- TIAA Traditional has credited interest rates higher than the guaranteed minimum under one or more contracts every year since 1948.⁸

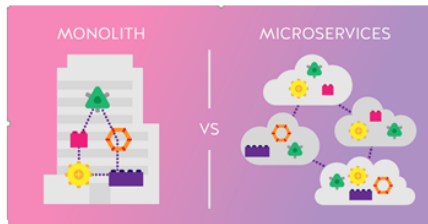
BUILT TO PERFORM.

CREATED TO SERVE.

Our Continuous Journey to Automated Delivery



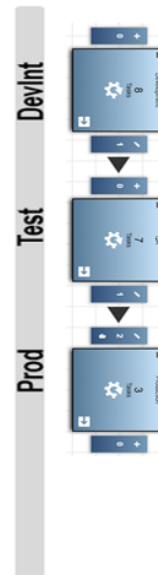
Microservice Migrations



CI/CD Automation



Electric Cloud



Journey into the Public Cloud



Containerizing Applications





Scalability and Availability

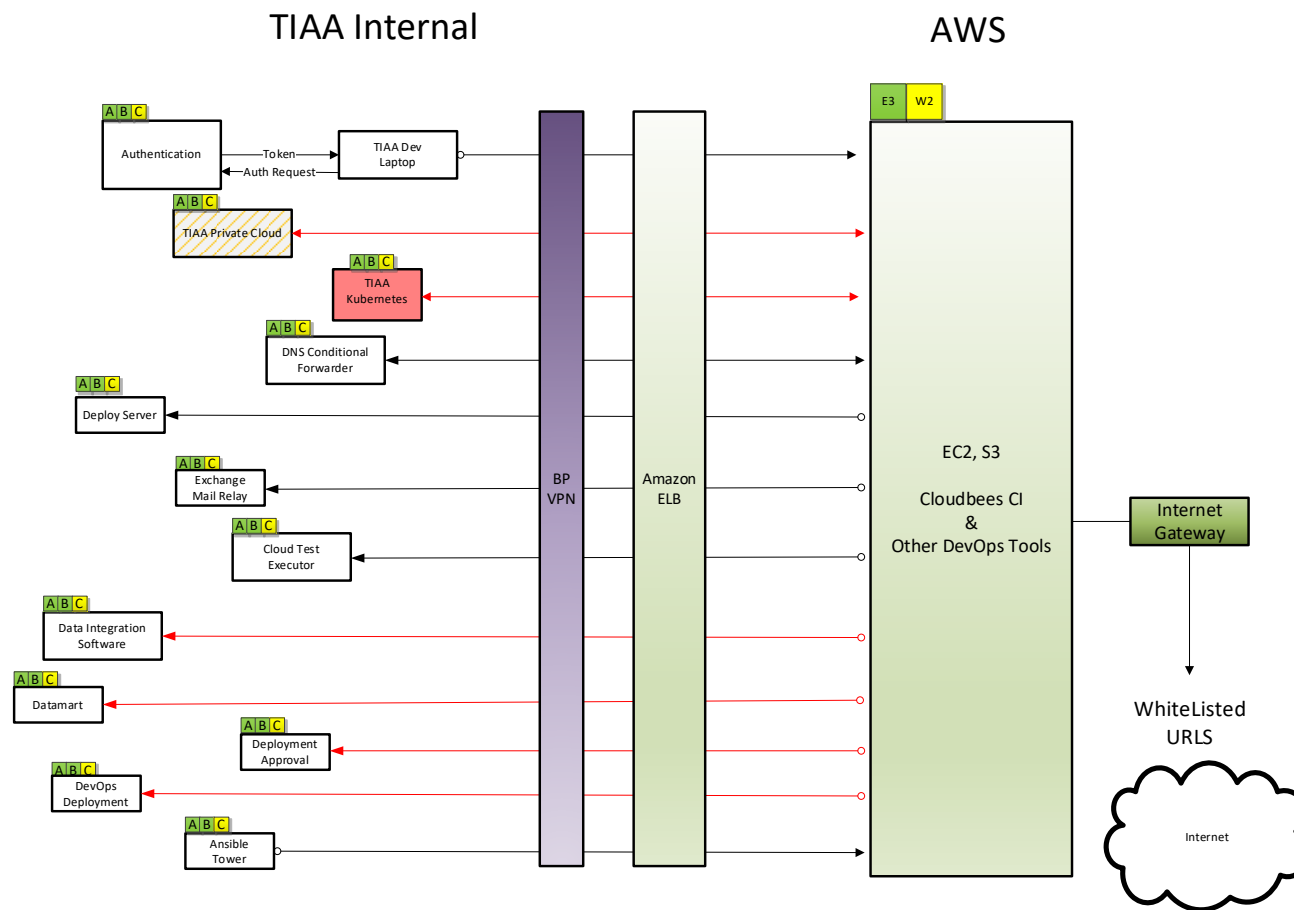


Security and Auditability

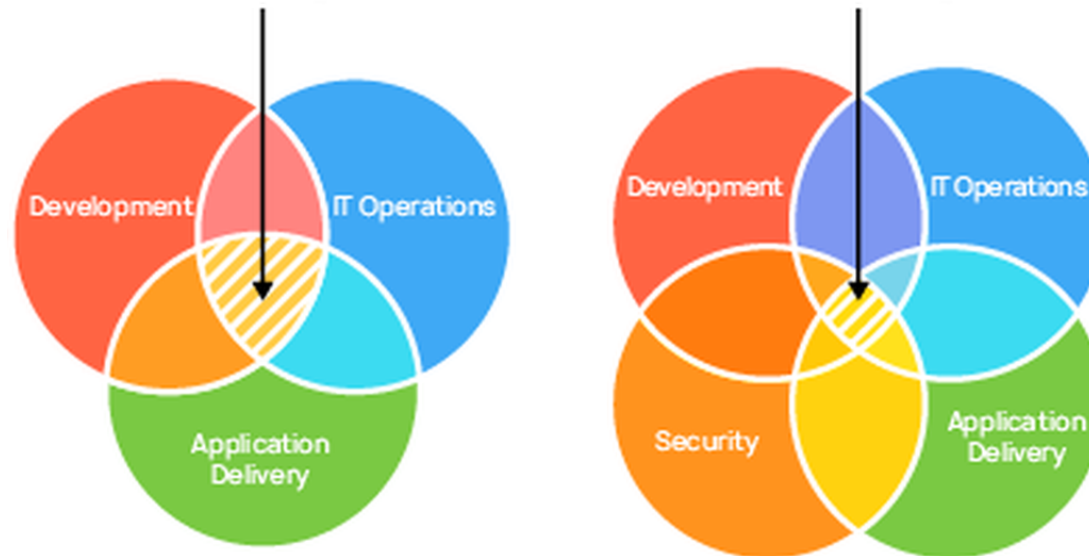


Self Service and Visualization

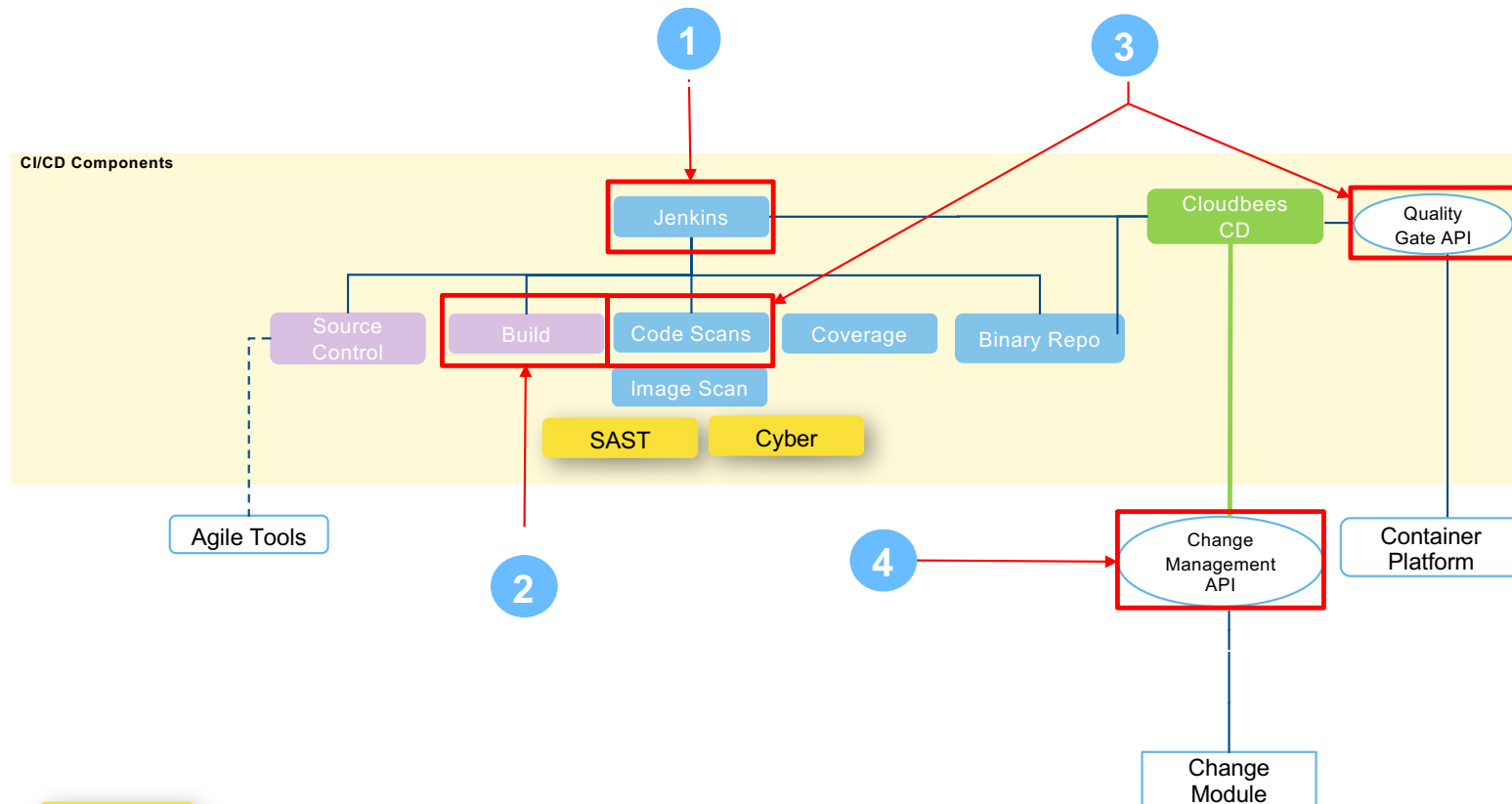
Scalability and Availability - CI Tools Migration to AWS



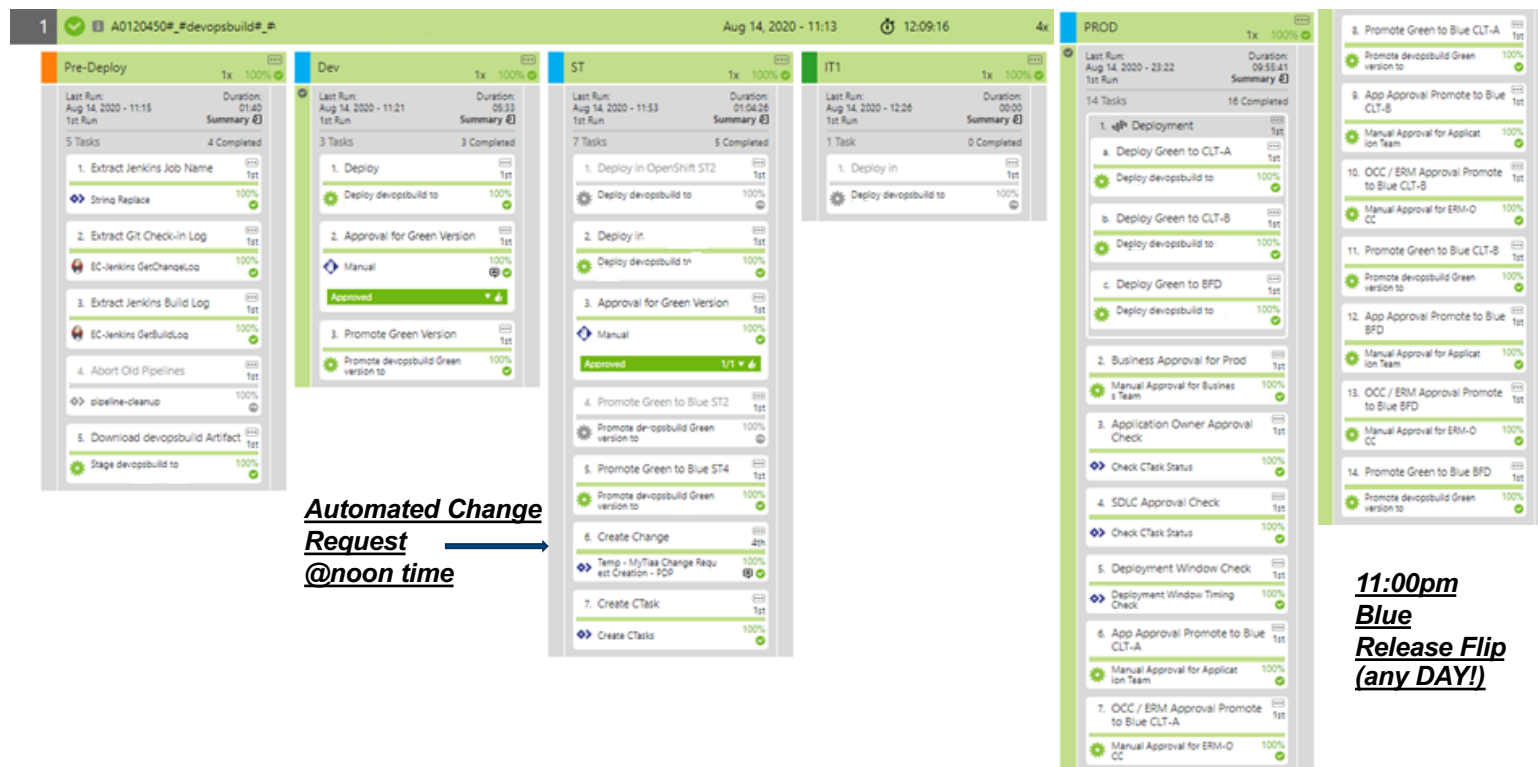
DevOps **VS** DevSecOps



Self Service and Visualization



CloudBees Flow – TIAA Rapid Release Deployment Pipeline



Looking forward in our DevOps Journey



Stronger look at decentralization and inner-sourcing



Continued focus on enhancing our security posture



Make more use of the Cloudbees CD integration to change management



Containerizing everything for ease of maintenance and scaling



**Continued
Migrations to AWS**

**Can we provide a
Self-Service, Black-
Box CI/CD
capability?**

Q&A