

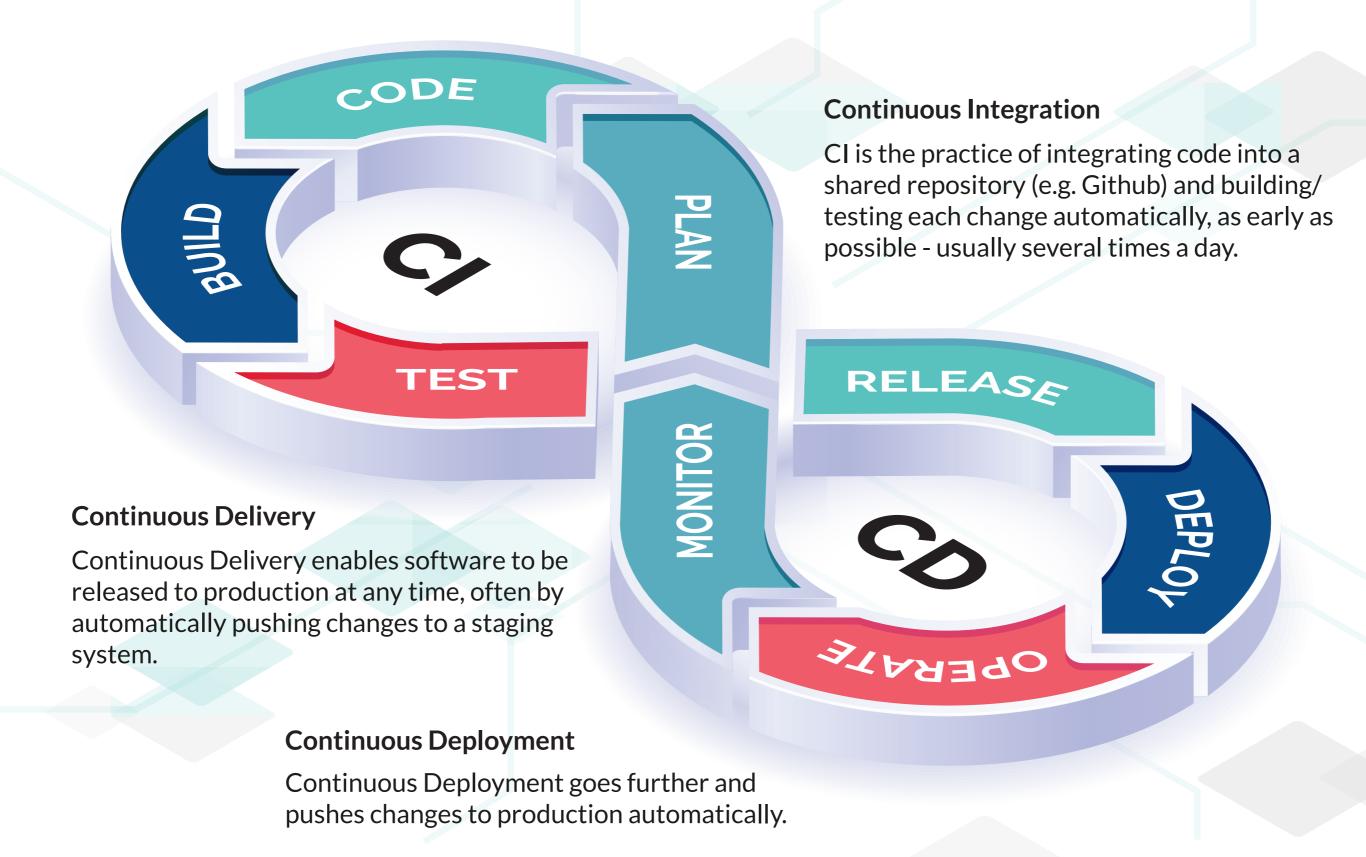
INFOGRAPHIC

A New Way for CI/CD

Standardized infrastructure, continuously tested

What is CI/CD?

Traditionally, development of applications involved siloed workloads with numerous teams working on numerous parts of development, only to merge them later to create a complete product. This often leads to "merge hell" and creates numerous difficulties as well as inefficiencies that CI/CD (continuous integration/continuous deployment) attempts to solve.



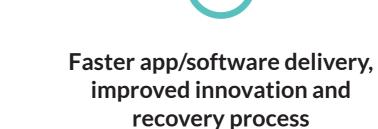
CI/CD KEY BENEFITS



Operations to work together, breaking silos

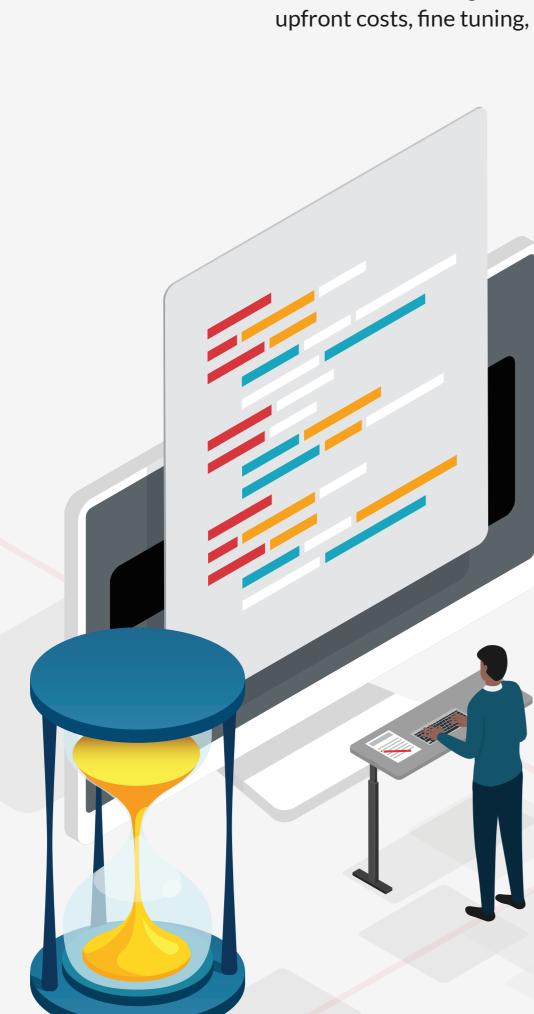


to increase productivity



CI/CD Can Still Fall Short

While CI/CD offers tremendous benefits and is quickly becoming the standard operating procedure for many companies, it's not without its challenges. Aside from the common challenges of implementing a completely new system (training, upfront costs, fine tuning, etc.), even the most well implemented CI/CD pipelines can have shortcomings.



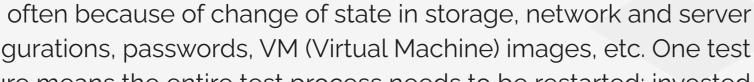
SLOW RESOURCE PROVISIONING

their testing environment, thus causing delays in application development and deployment.

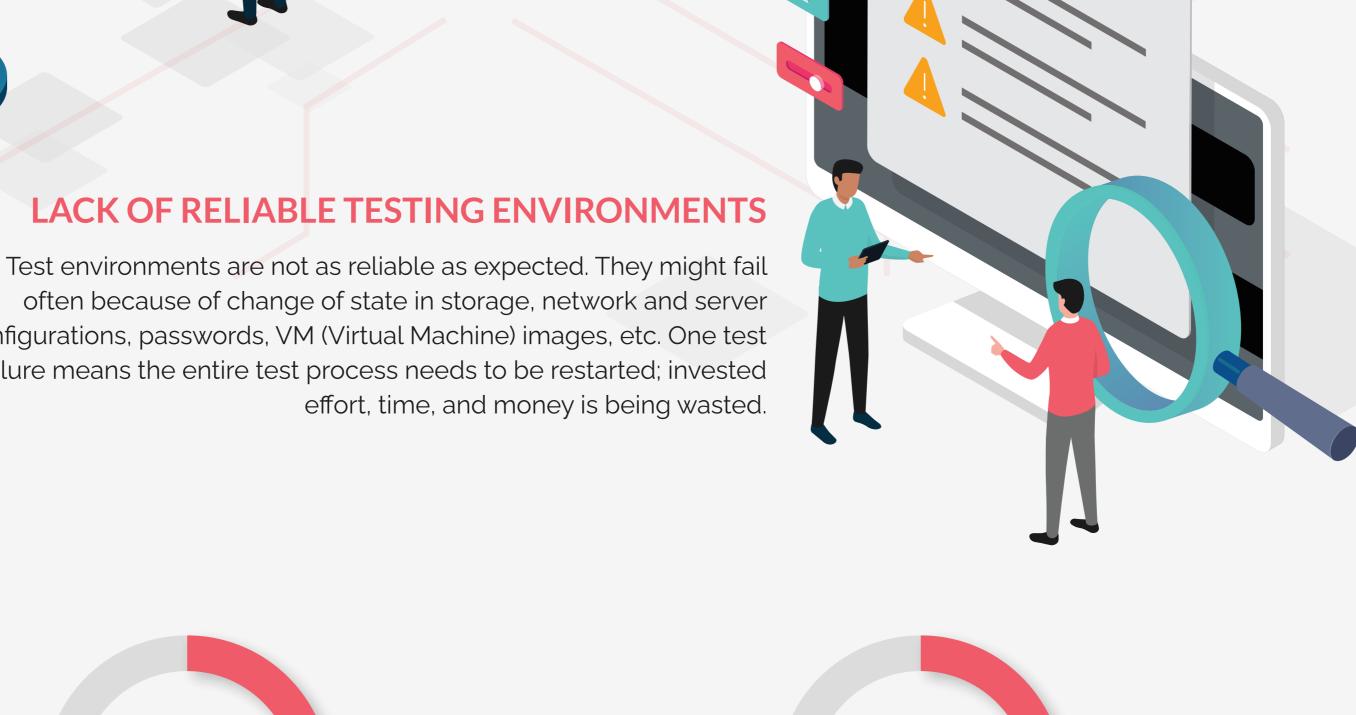
Developers currently take days or weeks to ready the technology stack

(storage, network, hypervisor, disaster recovery solutions, etc.) required for

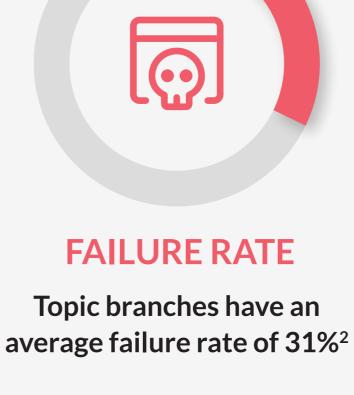




configurations, passwords, VM (Virtual Machine) images, etc. One test failure means the entire test process needs to be restarted; invested effort, time, and money is being wasted.

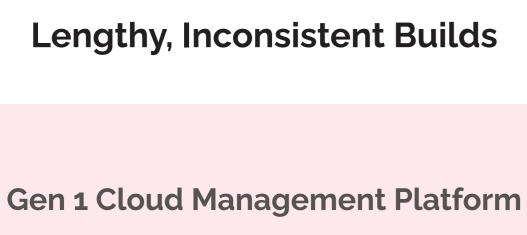








CI/CD - A NEW WAY



OLD WAY

• Developed for technical admins only (~20% of users) • Lacks flexibility to orchestrate various steps

• Does not provide extensibility to add modern

technologies easily

environments change

• Time/labor intensive

Scripts or Infrastructure as Code (IaC) • Does not scale as fast when the target

Manual Machine Builds

• Provides only limited environment visibility

• Requires extensive knowledge/expertise

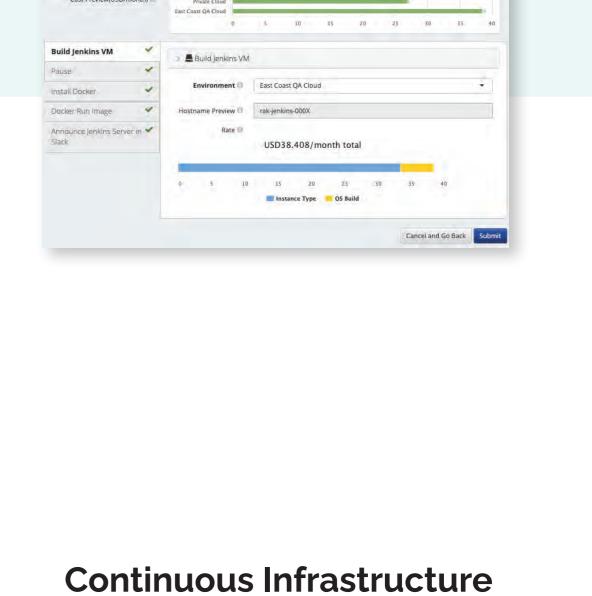




Fast, Standardized Builds

• Give developers more visibility and control over their testing environments

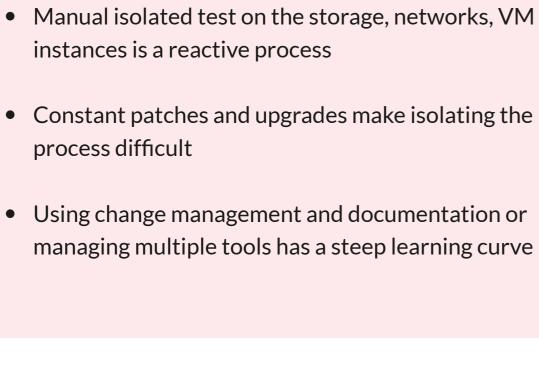
Catalog / Order Jenkins



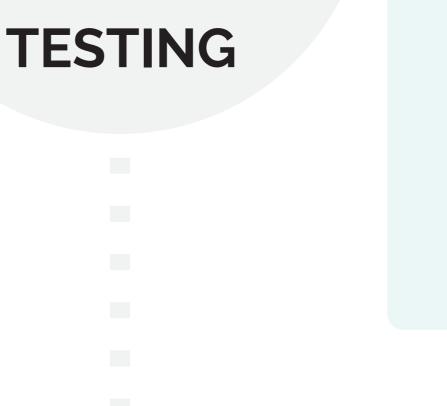


Manual Testing

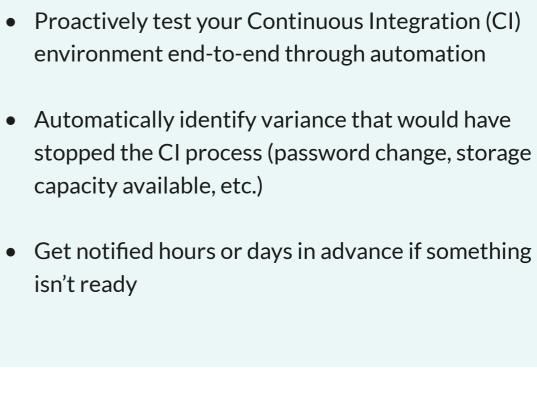
TRADITIONAL MODEL







Testing



VS

THE BOTTOM LINE



time queuing.

Old Way

WEEKS TO PROVISION

Builds take 30 minutes and the whole team is wasting

DIFFICULT TO IMPLEMENT Requires numerous tools and hours of configuration in **NUMEROUS** order to be efficient and secure. **TOOLS**



REACTIVE

DAYS/WEEKS

VS



SINGLE

INTERFACE

MINUTES

Builds take minutes without wasted time. **AUTOMATED TESTING**

Testing is proactive and automatic.

MINUTES TO PROVISION

Intelligent Way

pipelines are created, recreated and destroyed. CIT allows a secure and frictionless process.

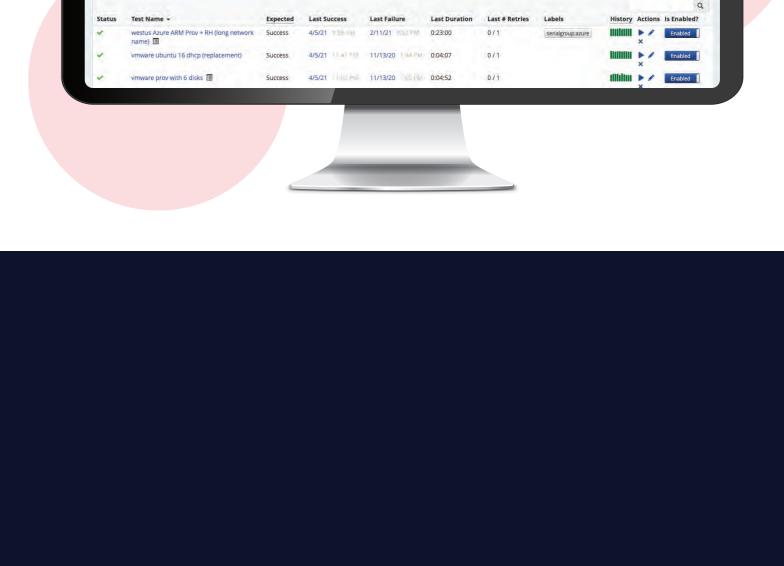
EASY TO IMPLEMENT AND RUN

Provides a single interface through which (via UI, API)

Current State of Tests Tests

See CloudBolt in Action!

REQUEST A DEMO



CloudBolt's hybrid cloud platform for enterprises helps IT admins provide

simple to very complex IT resources to end users from a single portal.

2. CircleCi blog

1. FreeFormDynamics Survey