

Continuous Delivery

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30 listopada 2017

Kot na dziś



O czym będzie

- 1 Continuous Delivery
- 2 Tools
 - Rundeck
 - Ansible
 - Vagrant
 - RPM
- 3 Stachu, jak się to robi?
 - Określenie wymagań
 - Krok po kroku
 - Best practices
- 4 Demo?

Continuous Delivery

Ciocia Wikipedia:

Continuous delivery (CD) is a software engineering approach in which teams produce software in short cycles, ensuring that the software can be reliably released at any time. It aims at building, testing, and releasing software faster and more frequently. The approach helps reduce the cost, time, and risk of delivering changes by allowing for more incremental updates to applications in production. A straightforward and repeatable deployment process is important for continuous delivery.

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bla bla bla...

Continuous Delivery



A komu to potrzebne?



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- cp
- unzip
- stop/start
- select/update

A komu to potrzebne?

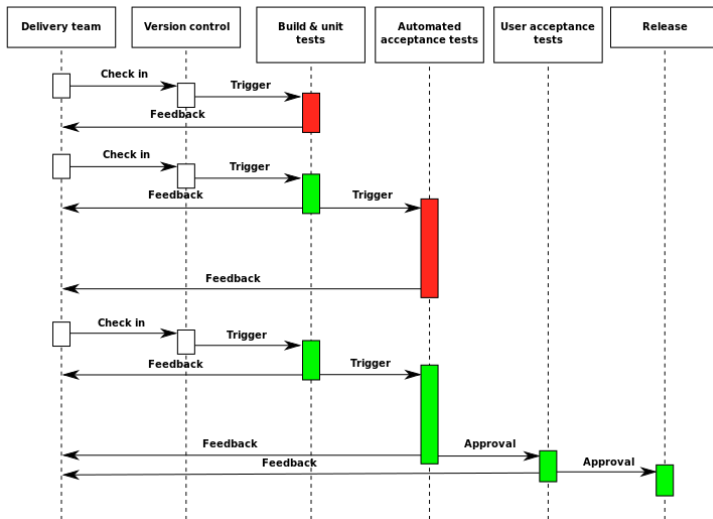


- cp
- unzip
- stop/start
- select/update



- strace
- tuning
- ansible
- koty w internecie

Przepływ według Wikipedii



Rundeck



Rundeck is open source software that helps you automate routine operational procedures in data center or cloud environments. Rundeck provides a number of features that will alleviate time-consuming grunt work and make it easy for you to scale up your automation efforts and create self service for others.



ANSIBLE

Ansible is an open-source automation engine that automates software provisioning, configuration management, and application deployment.



Vagrant is an open-source software product for building and maintaining portable virtual software development environments



RPM Package Manager (RPM) (originally Red Hat Package Manager; now a recursive acronym) is a package management system.

Określenie wymagań

Cele główne:

- 1 Deploy aplikacji
- 2 Minimalizacja czasu deployment-u
- 3 Brak niedostępności

Krok po kroku

Jak się do tego zabrać:

- 1 postawienie maszyny (opcjonalne)
- 2 przygotowanie systemu
- 3 przygotowanie serwera aplikacyjnego
- 4 wypięcie z balancerów
- 5 deploy aplikacji
- 6 testy
- 7 wpięcie do balancerów

Na co zwrócić uwagę?

Jak robić, to dobrze...
czyli jak?

- 1 idempotencja!!!
- 2 wykorzystanie dostępnych modułów
- 3 prostota
- 4 unikanie 'command' i 'shell'
- 5 tagowanie tasków
- 6 podział inventory na środowiska
- 7 deduplikacja kodu

Demo?

Demo?