CI/CD: ad aspera per astra

Evgeniy Patlan, Percona

Belgrade, Serbia 2023

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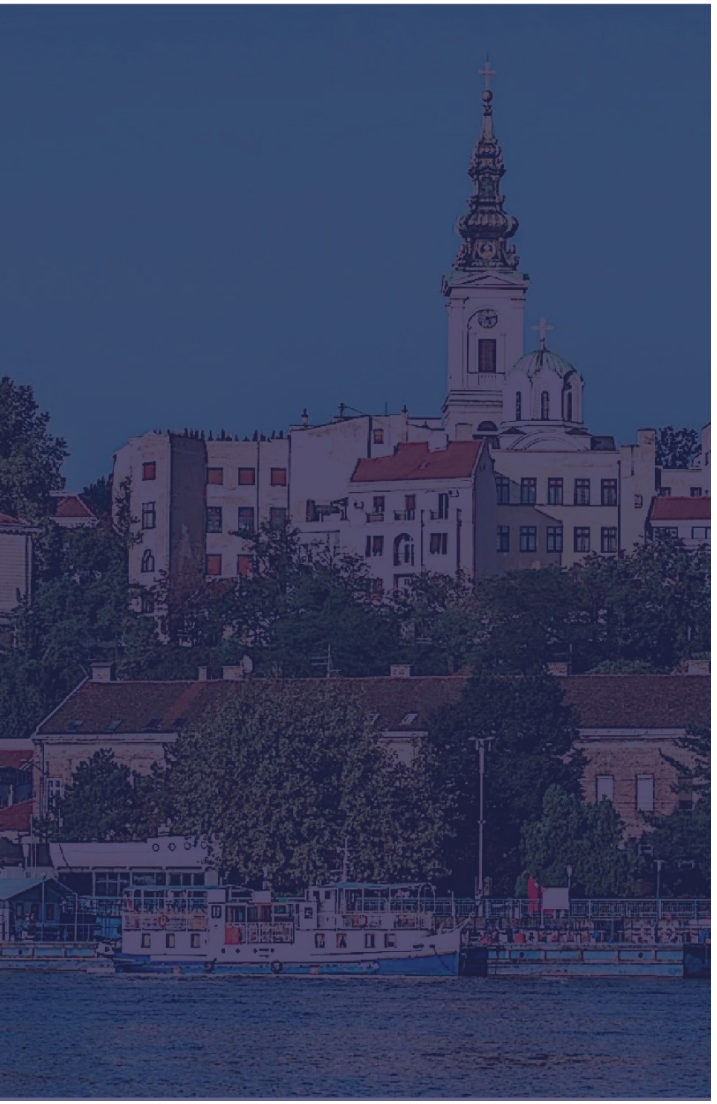

- Some statistics:
- > 200 releases during last year
- > 20 different products
- Different build/release processes for each product

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Oops!

941 Job

>200 plugins

Installation date 2012

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3 SysAdmin types:

Create Backups

Already creates backups

Create backups and CHECK them

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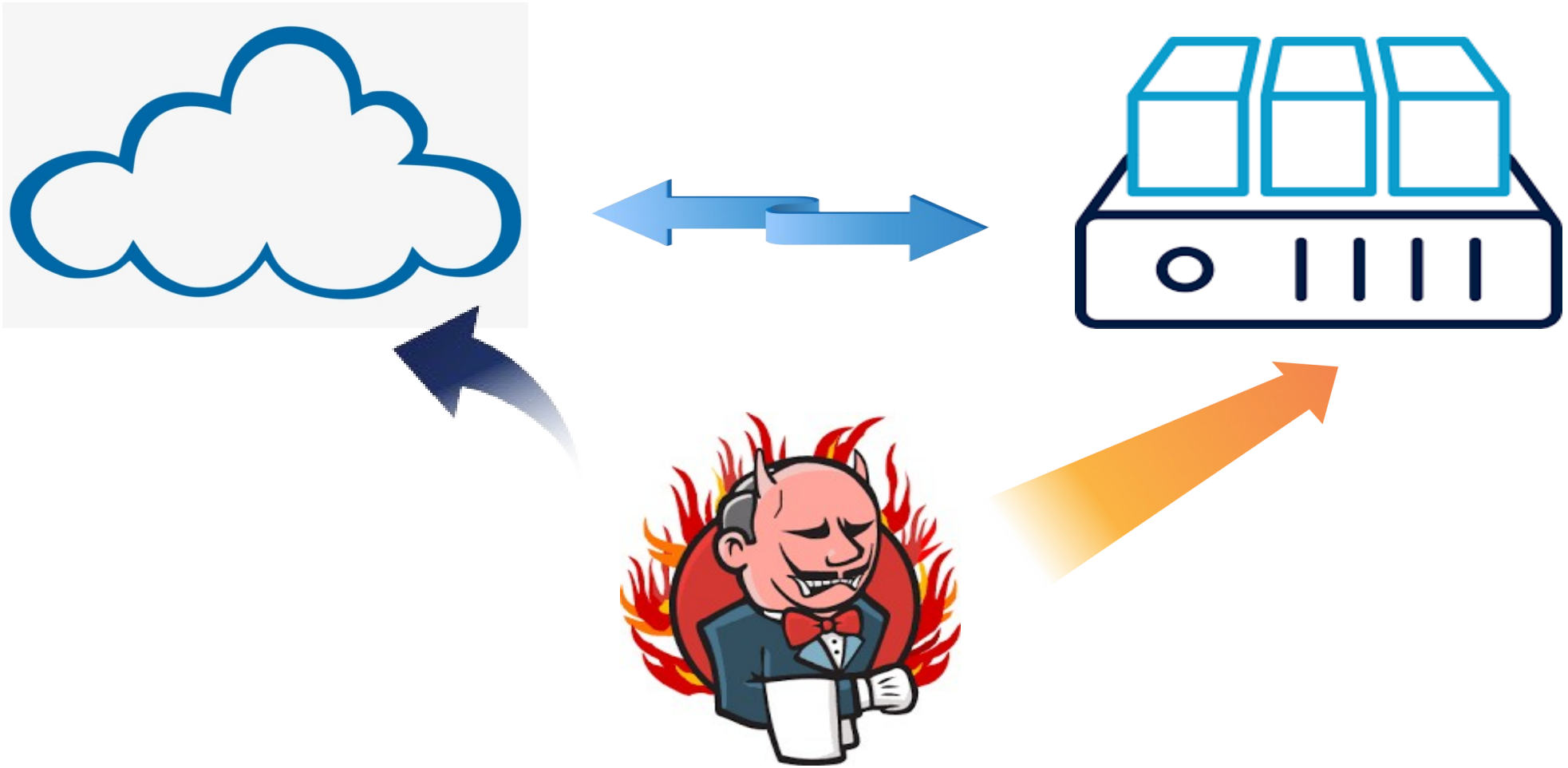

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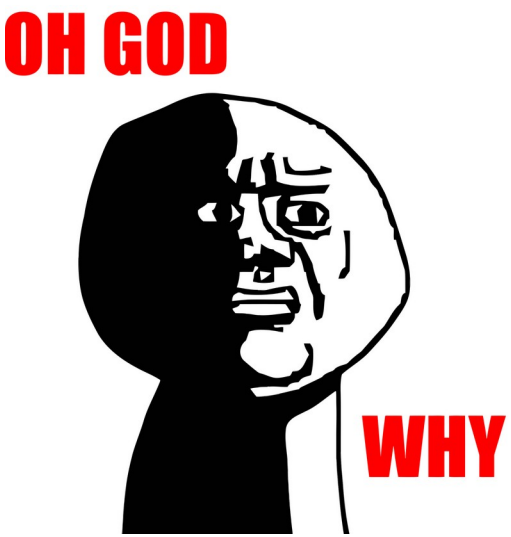
Big queues (one time it was 753)
Slow
No updates
No restarts



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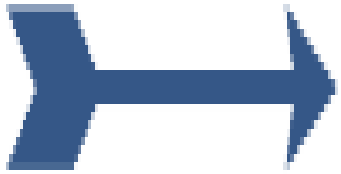

All Jenkins nodes can be started from CloudFormation or Terraform configs

Jenkins can run cluster for tests from Terraform configs

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Declarative pipeline VS FreeStyle Job

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Automatically create packages after commit to release branch
AMI, OVA and docker are created based on RPMs
Run all kind of tests
Autotesting for packages
No manual tasks during release, only push packages from one repo to another

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Q: How to test it?

A: Automatic Feature Build is a solution!

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Close ticket only after it is released!

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BUILD STAGES

- Source tarball
- Source packages
- Binary packages
- Dockers

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