

Oracle Public Cloud DevOps Practice

OpenStack CI/CD Infrastructure

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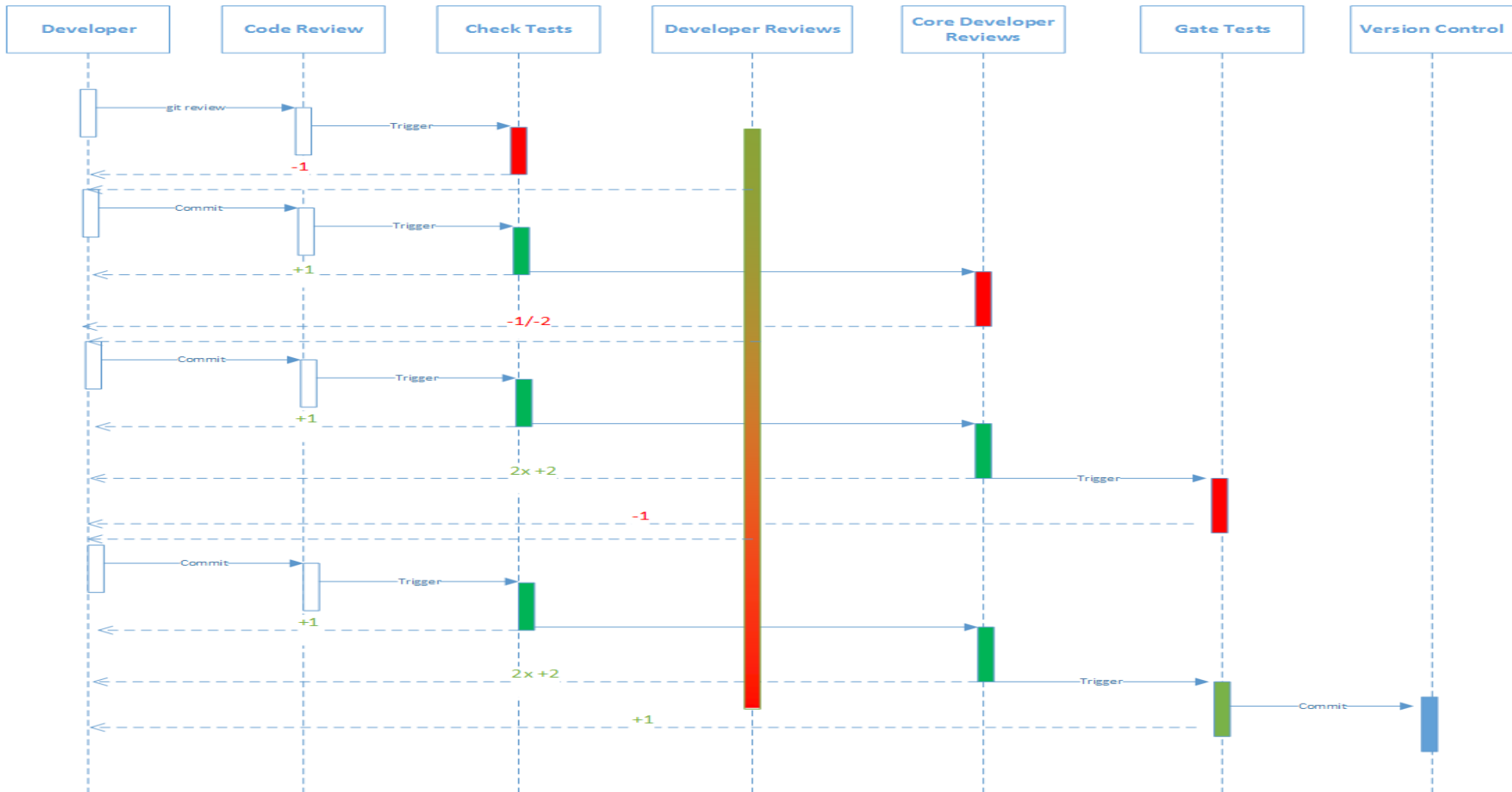
Dong Ma

- Oracle IT Principal Consultant at Cloud Operations, focused on Oracle Public Cloud China DC DevOps development
- OpenStack Software Engineer focused on Jenkins and OpenStackCI (Earlier)
- Open Source FOSSology project core contributor (Earlier)

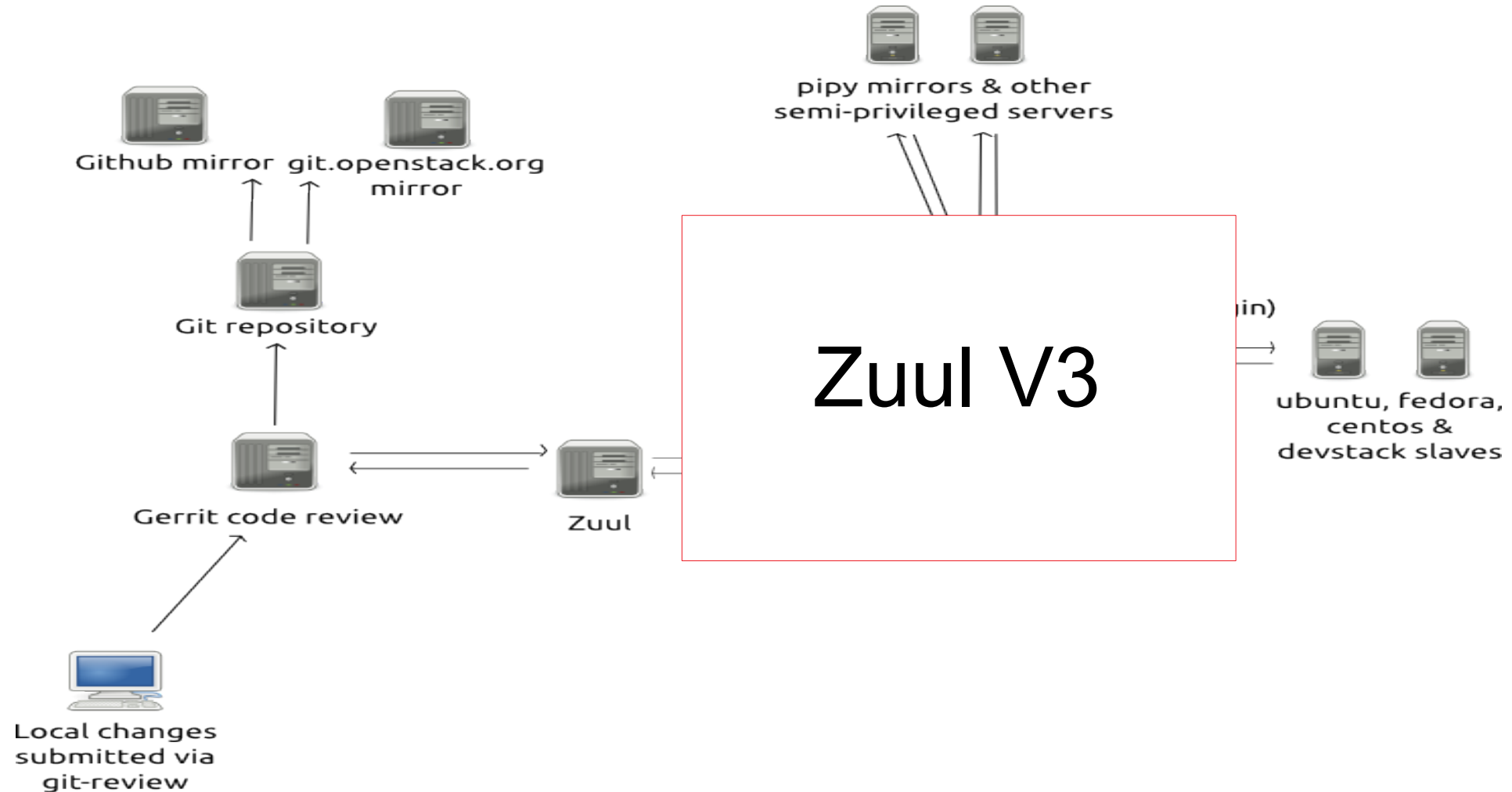
Topics

- Introduce the OpenStack CI
 - OpenStack Workflow and tools
 - OpenStack infrastructure
- Oracle Public Cloud DevOps development
 - Problems we faced in Oracle Cloud China DC DevOps
 - How OpenStack workflow and tools used in our DevOps

OpenStack workflow



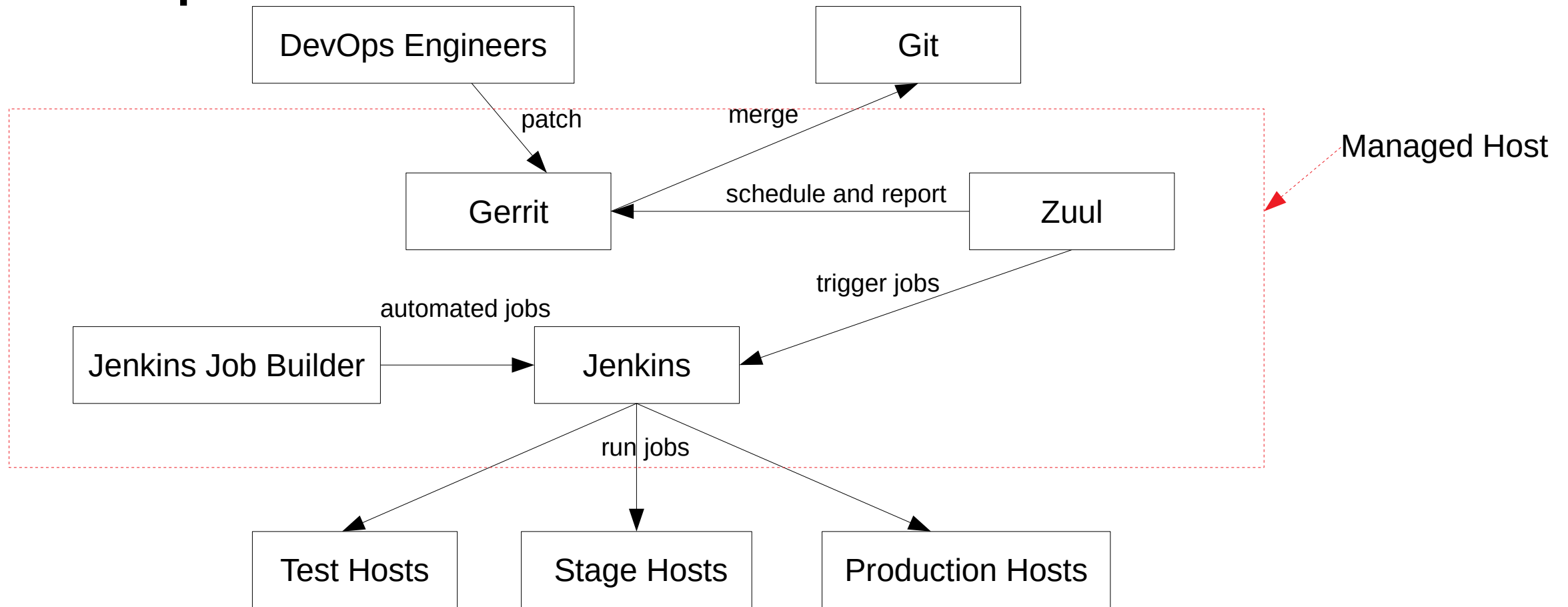
OpenStack Infrastructure



Problems we faced in Oracle Cloud China DC DevOps

- Hard to manage the DevOps development code
- No standard workflow for DevOps development
- Rapid changes of Oracle Public Cloud components

How OpenStack workflow and tools used in our DevOps



How OpenStack workflow and tools used in our DevOps

- Tools we use
 - Git
 - Gerrit
 - Zuul
 - Jenkins (jenkins-job-builder)
 - Ansible (next)
 - Terraform (next)
- <http://docs.openstack.org/infra/openstackci/>

Questions

- Contact

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Thanks!