

Ingeniería de Software

Continuous Deployment

Grupo 8

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¿Que es?

```
define('PSL_DEBUG', false);
define('PSL_INTERNAL_XML', false);
if (version_compare($v, '5.2', '>=')) {
    die('PHP 5.2 or greater is required!');
}
if (extension_loaded('pcre')) {
    die('phpSyrinx requires the pcre extension to php in order to work
properly.');
}
require_once APP_ROOT .'/includes/autoload.inc.php';
// Load configuration
require_once APP_ROOT .'/config.php';
if (defined('PSL_CONFIG_FILE')) {
    if (defined('PSL_DEBUG')) {
        $p = new Template();
        $p->stop();
        $p->fetch();
        echo $p->str();
        die();
    }
}
```

CÓDIGO
FINALIZADO



PRUEBAS
UNITARIAS

AUTO



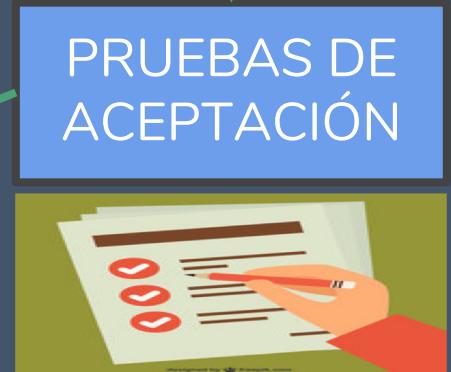
PRUEBAS DE
INTEGRACIÓN

AUTO

PRUEBAS DE
ACEPTACIÓN

AUTO

DESPLIEGUE A
PRODUCCIÓN



Mitos

\$\$\$

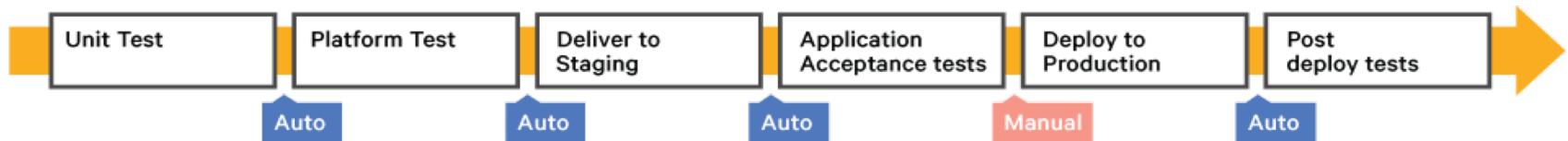


Continuous Delivery

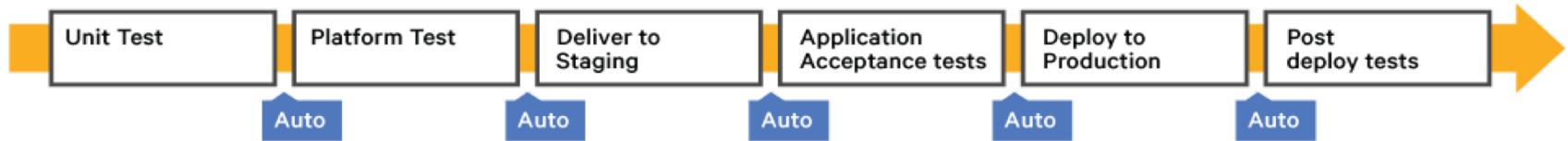
vs

Continuous Deployment

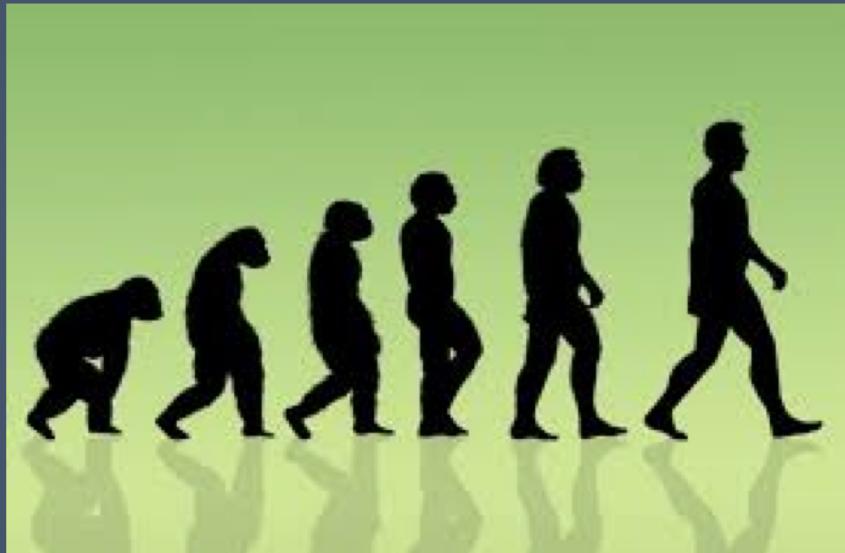
Continuous Delivery



Continuous Deployment



Orígenes



2002

2006

2009



Principales Beneficios



Errores Comunes



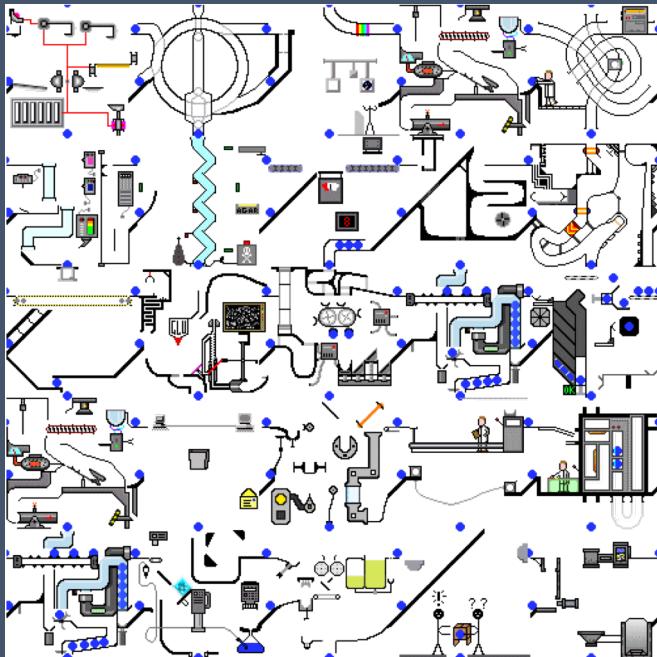
Costos Potenciales



Noche de Deployment en PRD



Desafíos modernos



MICROSERVICE

ALL THE THINGS

memegenerator.net

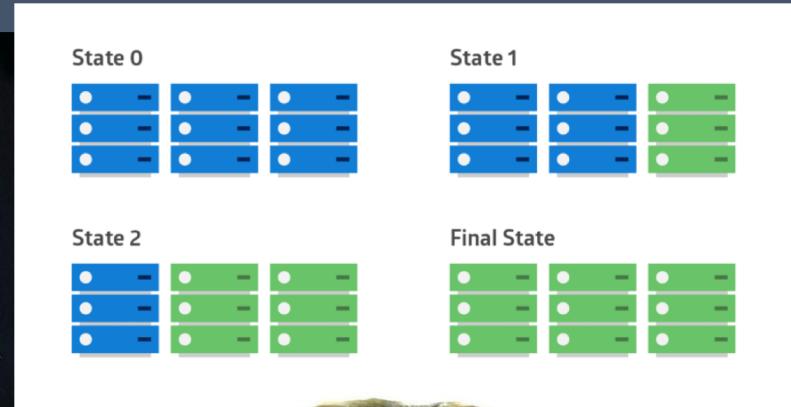
Estrategias



There can only be
one



Green/Blue



Rolling



Canary

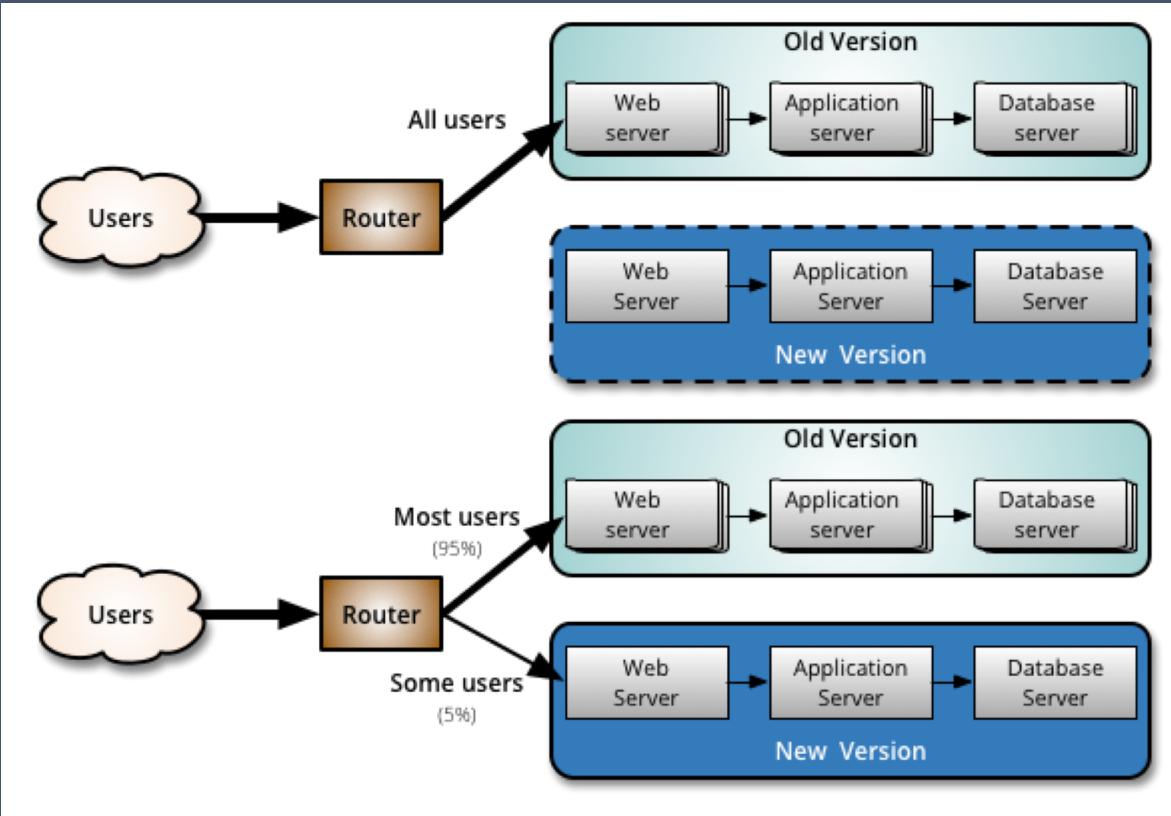
Despliegue por regiones

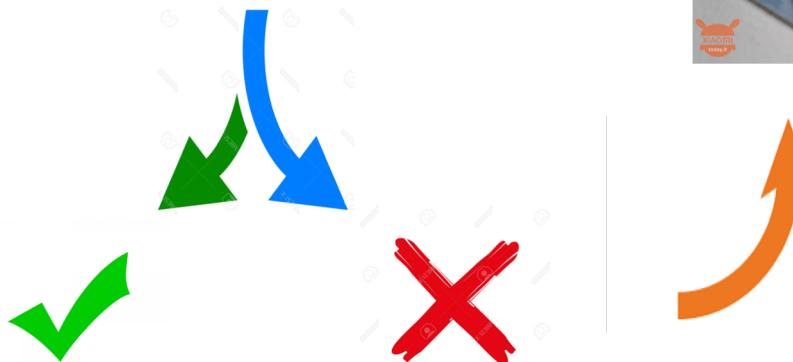
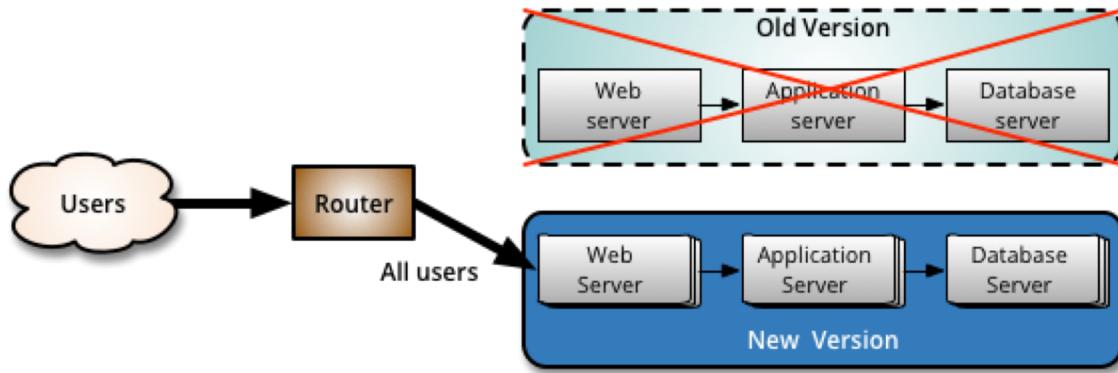


Canary Deployment



Canary Deployment







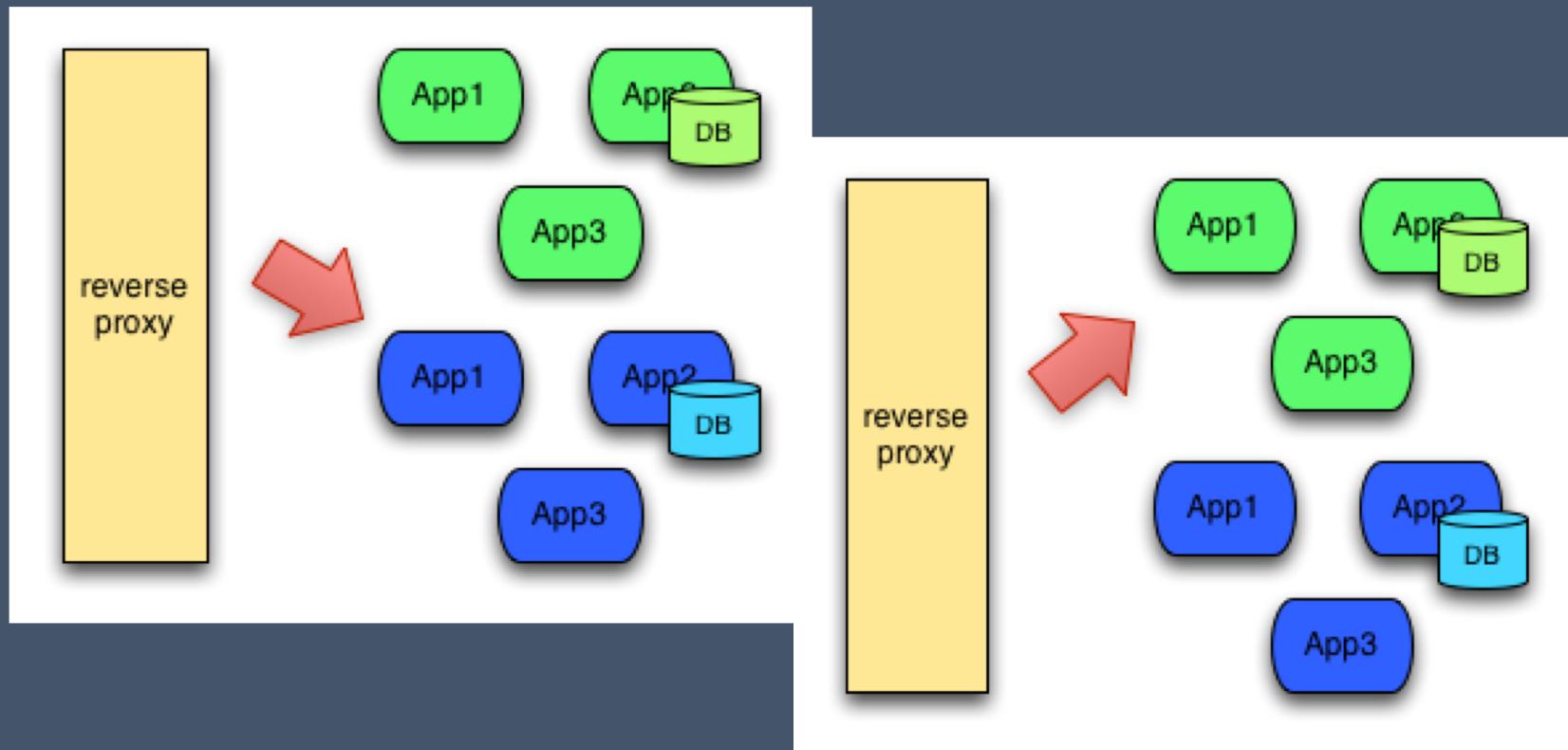
Blue/Green Deployment

Service Unavailable

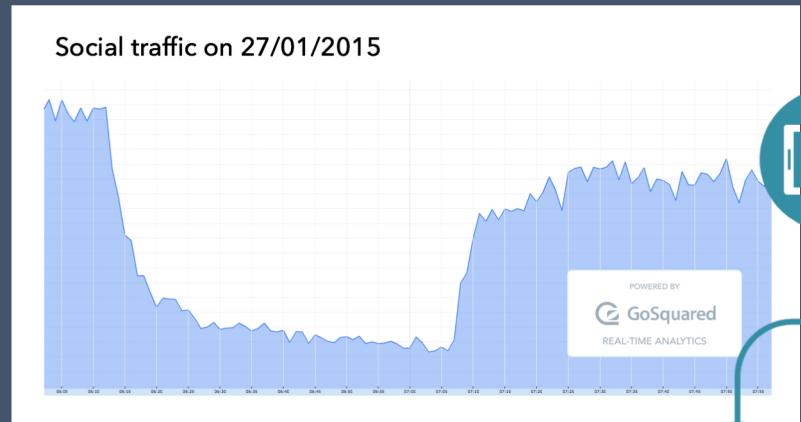
HTTP Error 503. The service is unav



Blue/Green Deployment



Blue/Green Deployment - Consideraciones



Conclusión...

Bibliografía

- <https://dev.to/mostlyjason/intro-to-deployment-strategies-blue-green-canary-and-more-3a3>
- <https://devops.com/7-strategies-continuous-delivery-deployment-success/>
- <https://blog.armory.io/advanced-deployment-strategies-with-armory-spinnaker/>
- <https://octopus.com/docs/deployment-patterns/multi-region-deployment-pattern>
- <https://martinfowler.com/bliki/CanaryRelease.html>
- [https://www.agilealliance.org/glossary/continuous-deployment/#q=~\(infinite~false~filters~\(postType~\(~'page~'post~'aa_book~'aa_event_session~'aa_experience_report~'aa_glossary~'aa_research_paper~'aa_video\)~tags~\(~'continuous*20deployment\)\)~searchTerm~\(~sort~false~sortDirection~'asc~page~1\)}](https://www.agilealliance.org/glossary/continuous-deployment/#q=~(infinite~false~filters~(postType~(~'page~'post~'aa_book~'aa_event_session~'aa_experience_report~'aa_glossary~'aa_research_paper~'aa_video)~tags~(~'continuous*20deployment))~searchTerm~(~sort~false~sortDirection~'asc~page~1)})
- <https://martinfowler.com/bliki/BlueGreenDeployment.html>
- <https://www.testingexcellence.com/difference-between-greenblue-deployments-ab-testing-and-canary-releases>