

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')) {
        $fp = fopen(PSL_CONFIG_FILE, 'r');
        $content = fread($fp, filesize(PSL_CONFIG_FILE));
        $content = str_replace('##', '##', $content);
        echo $content;
        fclose($fp);
    }
}
```

CÓDIGO  
FINALIZADO



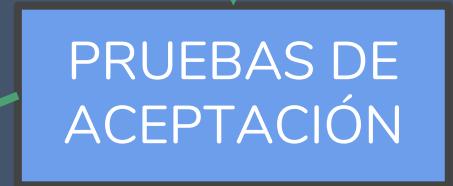
PRUEBAS  
UNITARIAS

AUTO



PRUEBAS DE  
INTEGRACIÓN

AUTO



AUTO

DESPLIEGUE A  
PRODUCCIÓN



# Mitos

\$\$\$

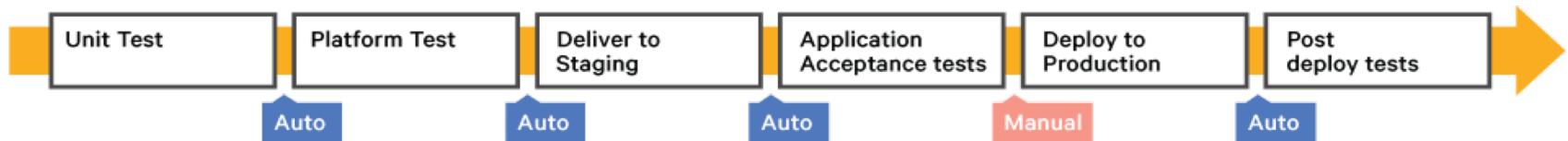


# Continuous Delivery

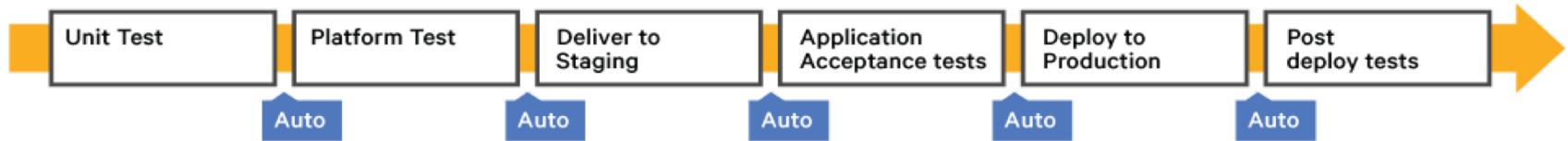
vs

# Continuous Deployment

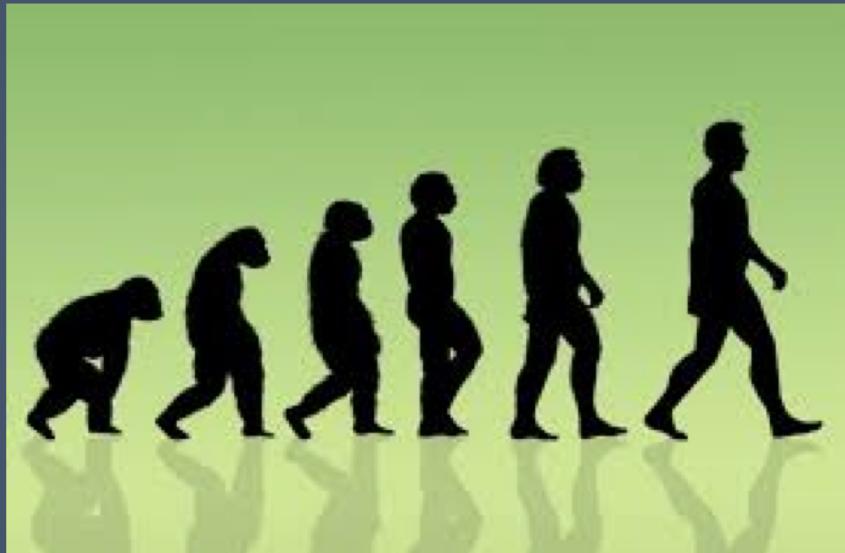
## Continuous Delivery



## Continuous Deployment



# Orígenes



2002

2006

2009



# Principales Beneficios



# Errores Comunes



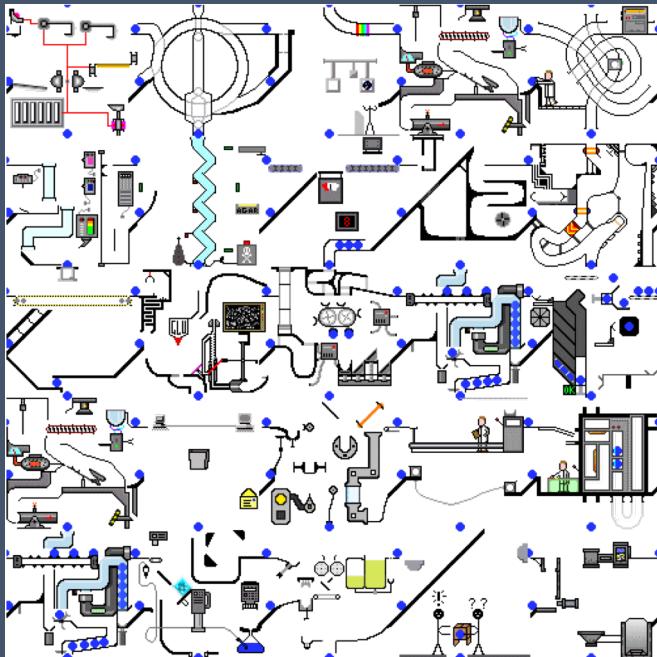
# Costos Potenciales



# Noche de Deployment en PRD



# Desafíos modernos



MICROSERVICE

ALL THE THINGS

memegenerator.net

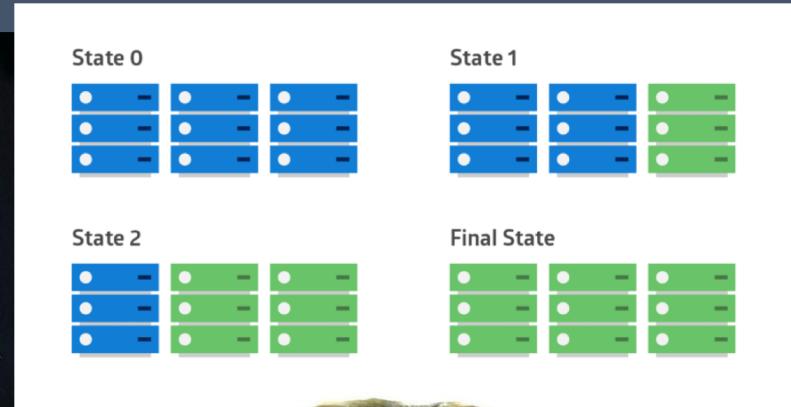
# Estrategias



There can only be  
one



Green/Blue



Rolling



Canary

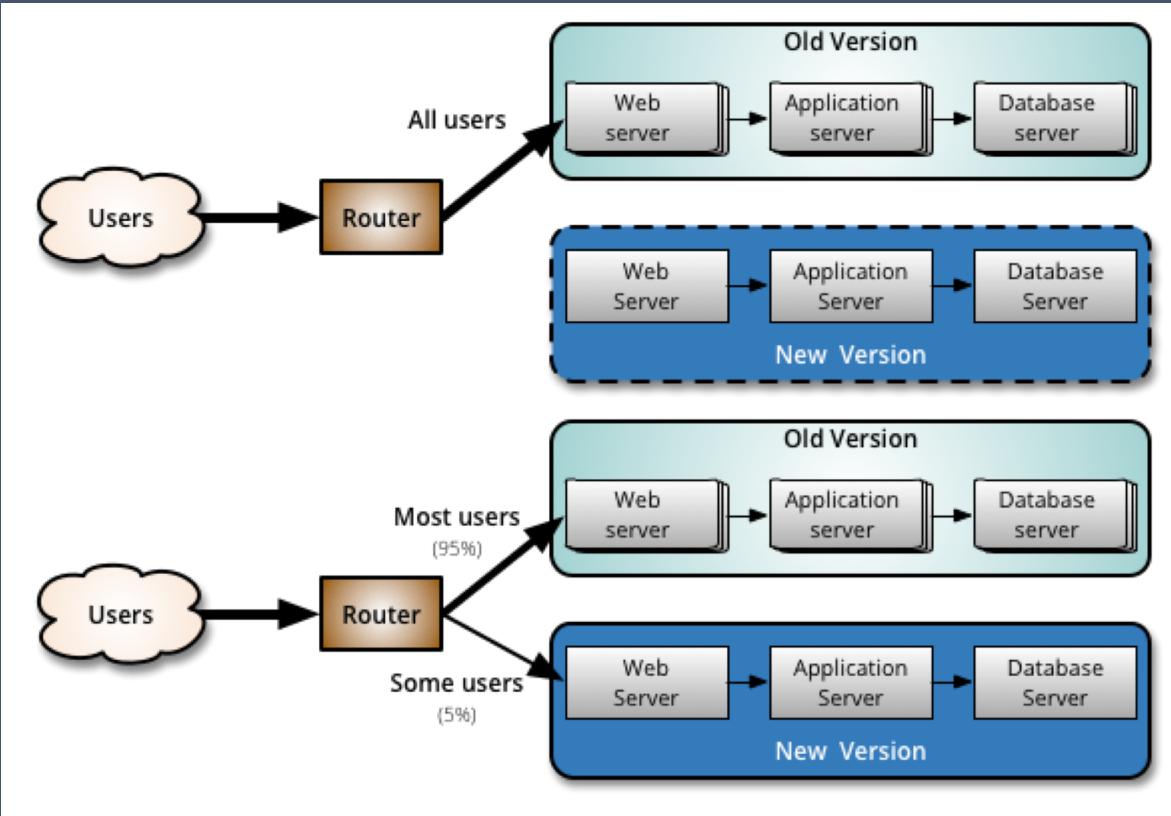
# Despliegue por regiones

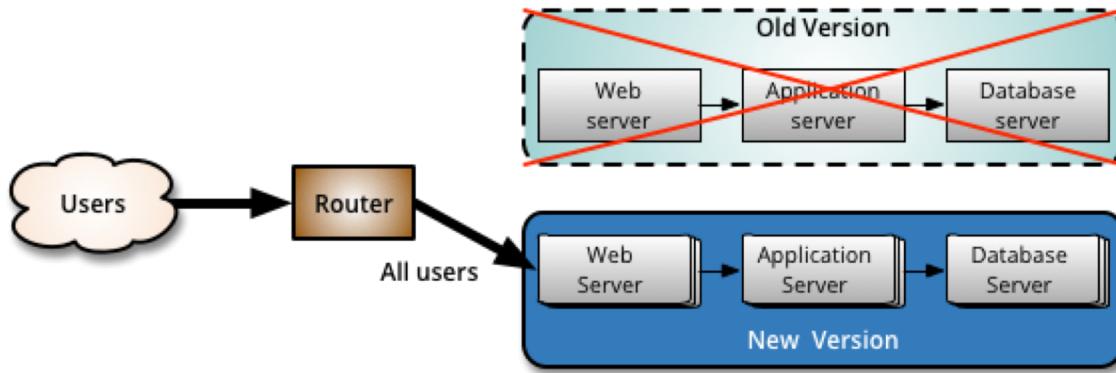


# Canary Deployment



# Canary Deployment







# Blue/Green Deployment

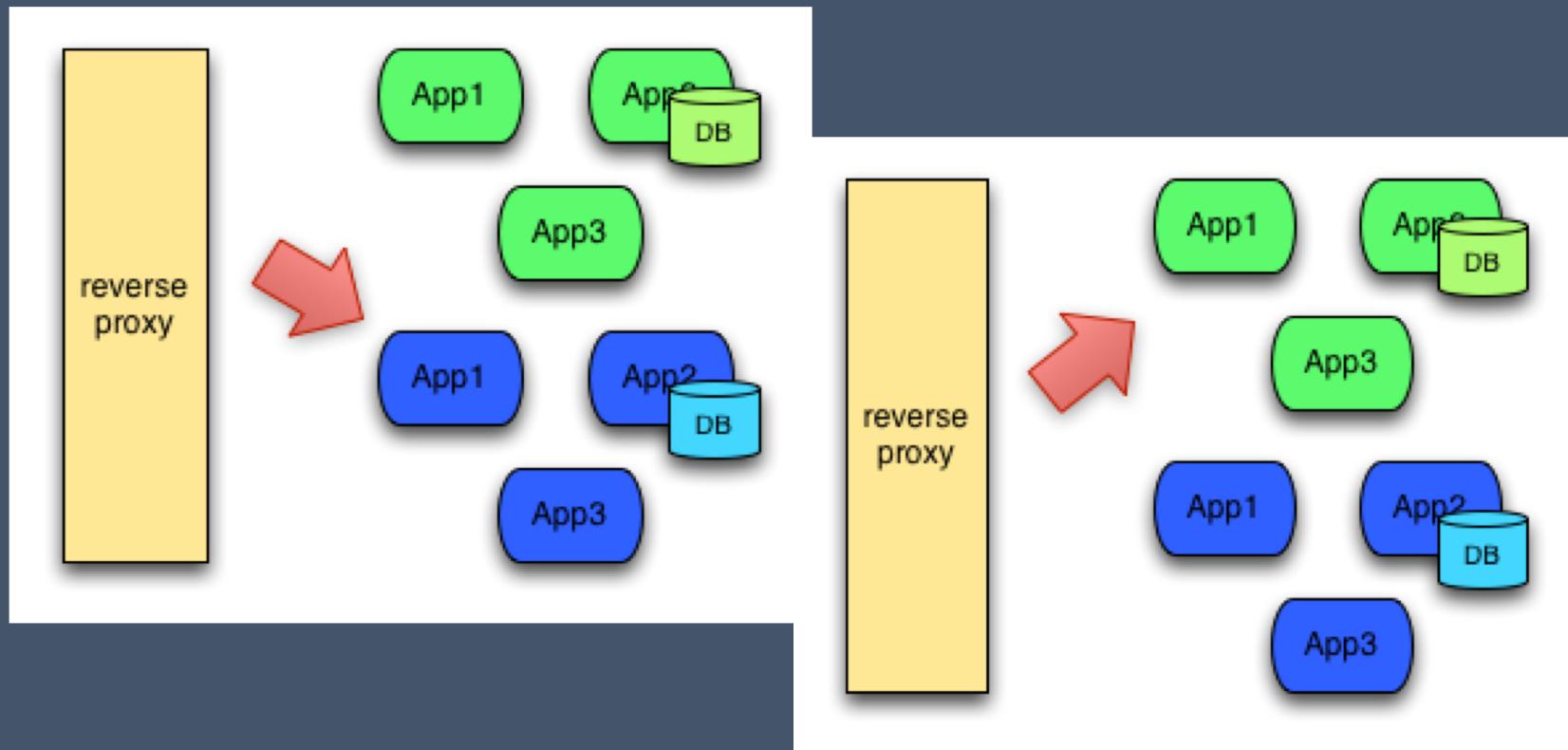
## Service Unavailable

---

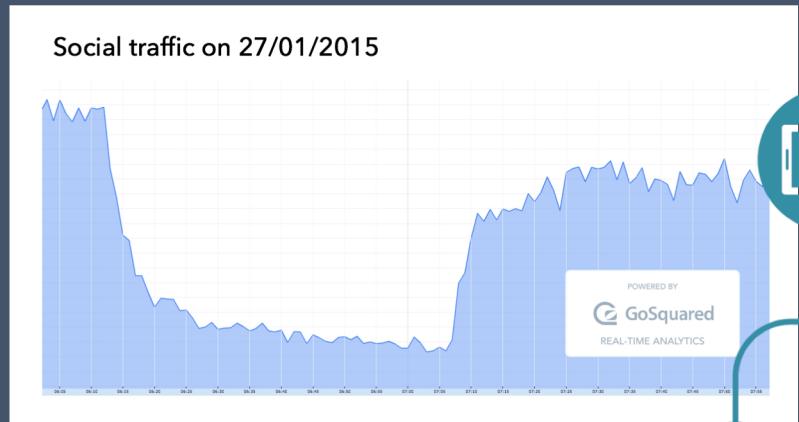
HTTP Error 503. The service is unav



# Blue/Green Deployment



# Blue/Green Deployment - Consideraciones



# Conclusión...

## Referencias

- <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>