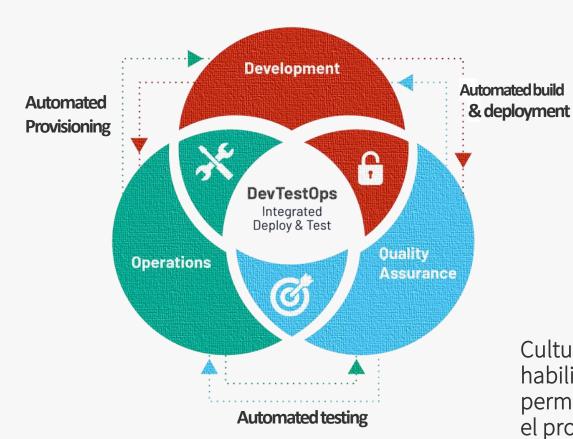


# Tendencias del Testing relacionadas a DevOps

Christian Camilo Gómez Páez

Prácticas modernas para crear software con calidad y sabor #SGVirtual



# **DevTestOps**

Cultura de trabajo enfocada en habilitar un conjunto de prácticas que permitan incluir pruebas continuas en el proceso de DevOps.



### Sabías que ...

Eliminar los silos entre desarrollo, pruebas y operaciones, permitió a **NETFLIX** desplegar hasta 1000 veces por día en producción.

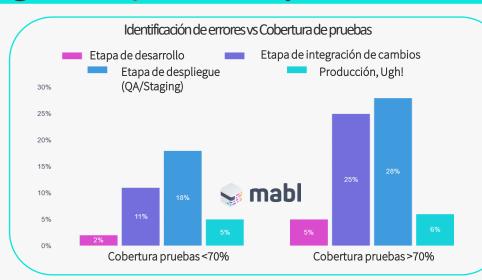


#### "DevOps needs testers, testing is the

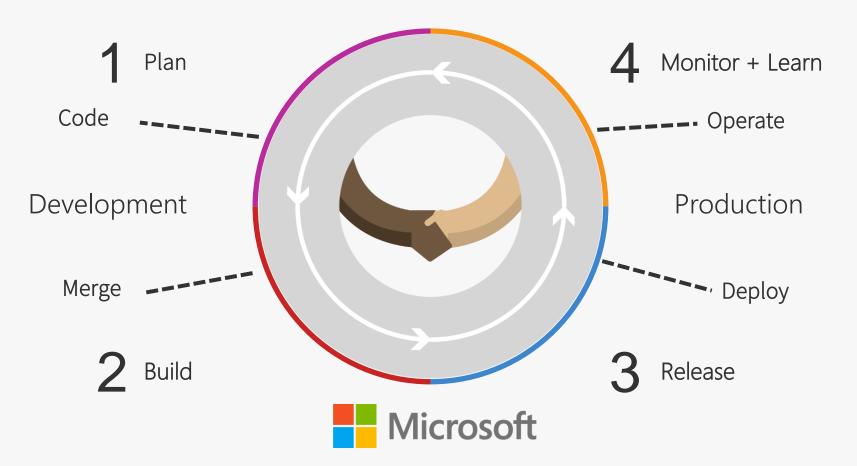


#### of DevOps." Lisa Crispin

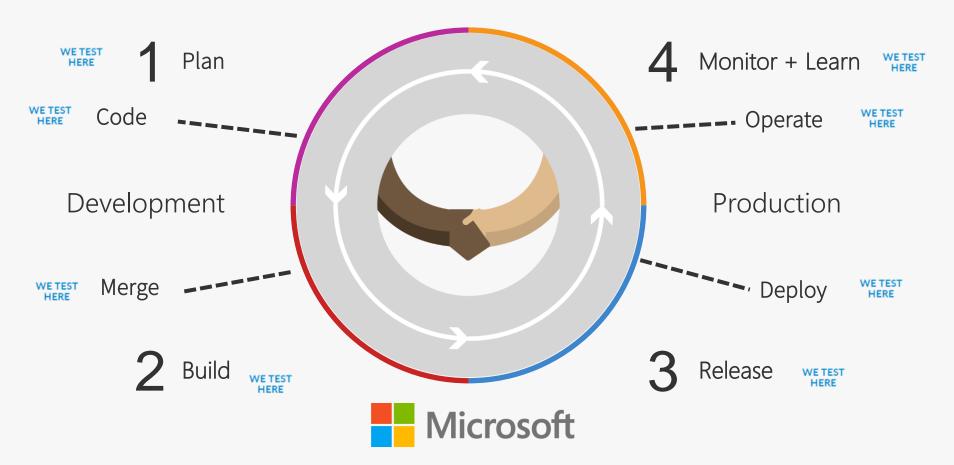
de las organizaciones encuestadas con equipos DevOps dedicados tienen el objetivo de introducir testing en todo el SDLC.



#### DevOps Cycle



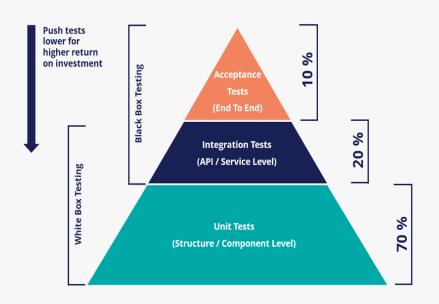
#### DevTestOps Cycle

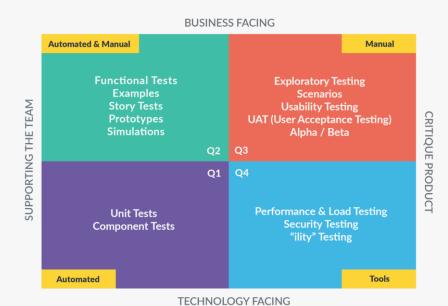


### Trend 1: DevTestOps MindSet

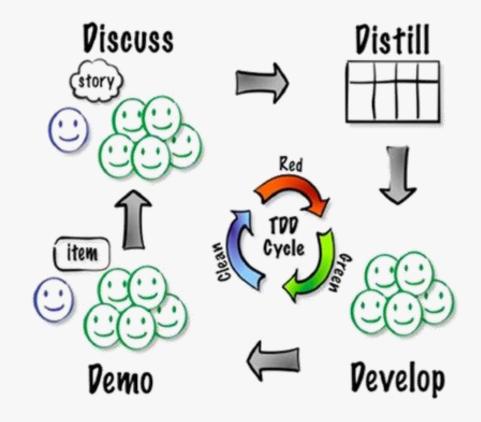


#### **Trend 2: Testing Strategy**





#### Trend 3: ATDD

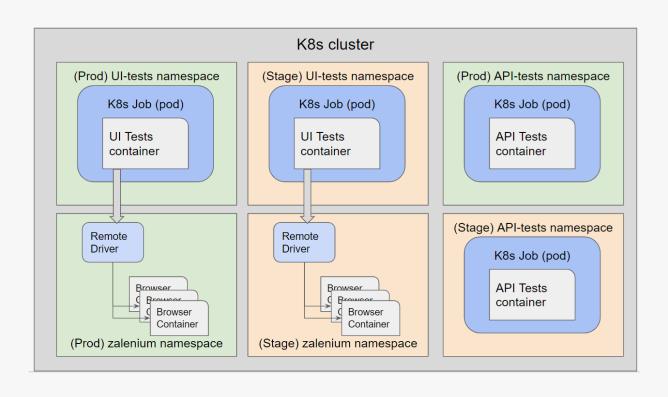


#### Trend 4: TDM for continuous testing

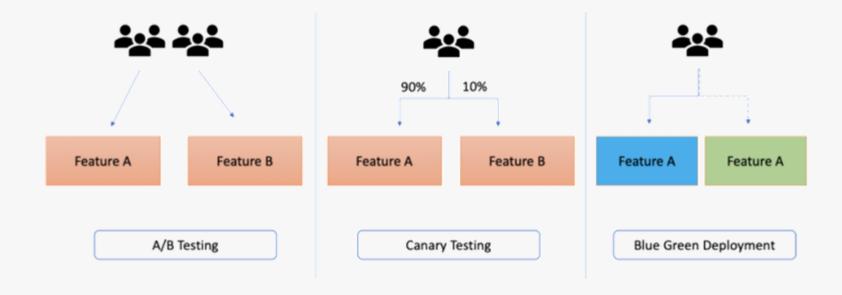
Test Data Management					
Data Virtualization	Data Obfuscation	Golden Copy Creation	Synthetic Data Generation	Self Service	Test Data Provisioning
Rapid iteration and profiling	Substitution	Data copy from production	Patterned	Store, and manage data as a package	Provision test data
Reduced data footprint	Encryption	Data Refresh	Realistic	Share data	Maintain data repository
Data scalability	Randomization	Data scrubbing	Sequential	Reuse	Maintain data dictionary
Enterprise grade distribution	Shuffling	Data sub setting	Formatted data	Enrich data	Create and maintain self servicing portal

Figure: Prime Pillars of TDM

#### Trend 5: Containers for Continuous Testing



### Trend 6: Deployment Strategy



#### Trend 7: Measure Adoption







## ¡Gracias!

¿Preguntas?

