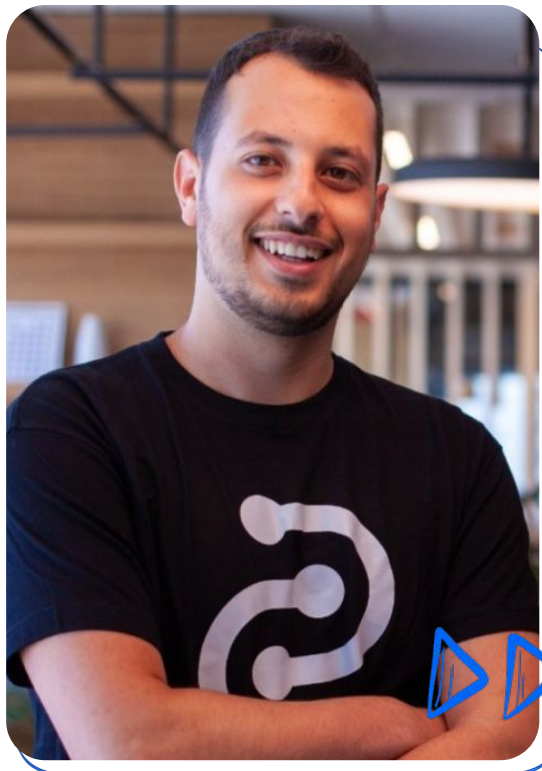


CONFIGURATIONS: THE WEAK LINK IN THE SECURITY CHAIN



PELEG PORAT
Co-Founder and CEO @ Configu
 [linkedin.com/in/peleg-porat](https://www.linkedin.com/in/peleg-porat)





WHO AM I ?

Peleg Porat

Co-founder and CEO @ Configu

More than 8 years of experience as a
Software Developer

Specializing in network security

CEO BY DAY,



CODE WHISPERER BY NIGHT



WHAT WE WILL COVER



Understanding Application Configurations



Exploring Permission Issues & Challenges



Unencrypted Files and Risks



Monitoring Configurations: Techniques & Tools



The Role of Automation in Enhancing Security



Best Practices for a Secure Configuration Strategy

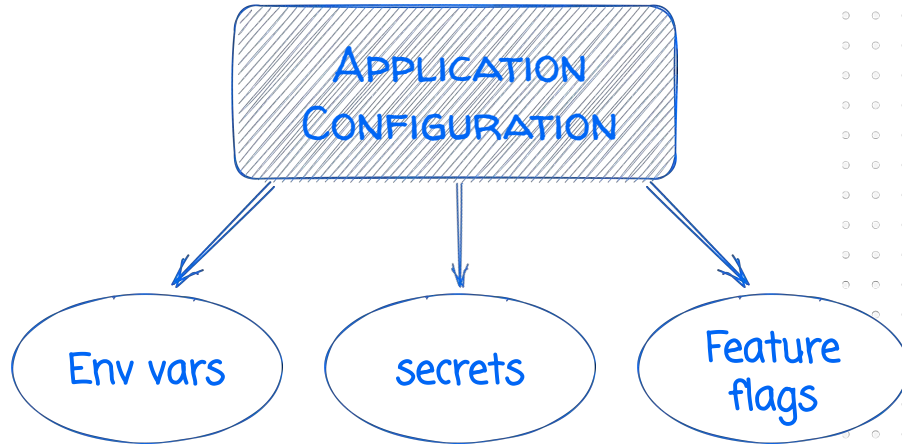


AN **APP'S CONFIG** IS EVERYTHING THAT IS LIKELY TO VARY BETWEEN DEPLOYS (STAGING, PRODUCTION, DEVELOPER ENVIRONMENTS, ETC.)

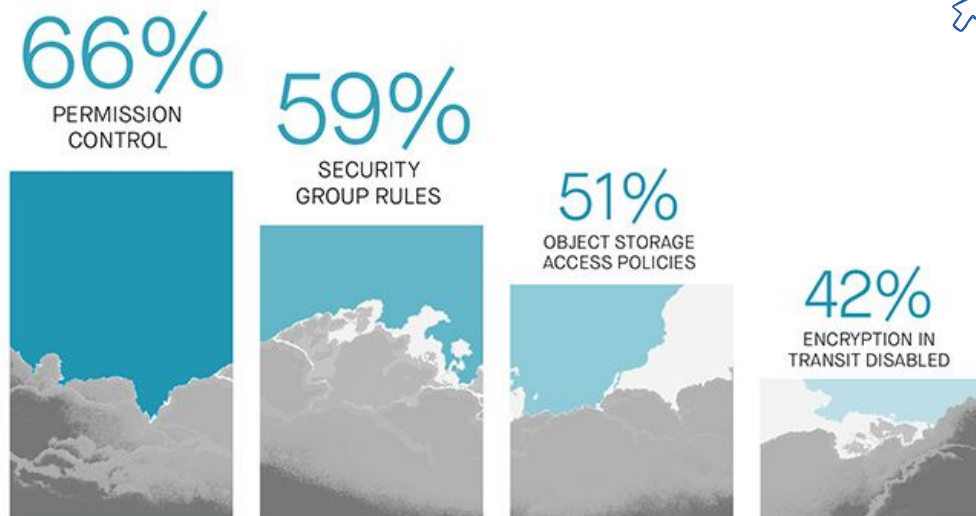


The Twelve-Factor App 12factor.net/config

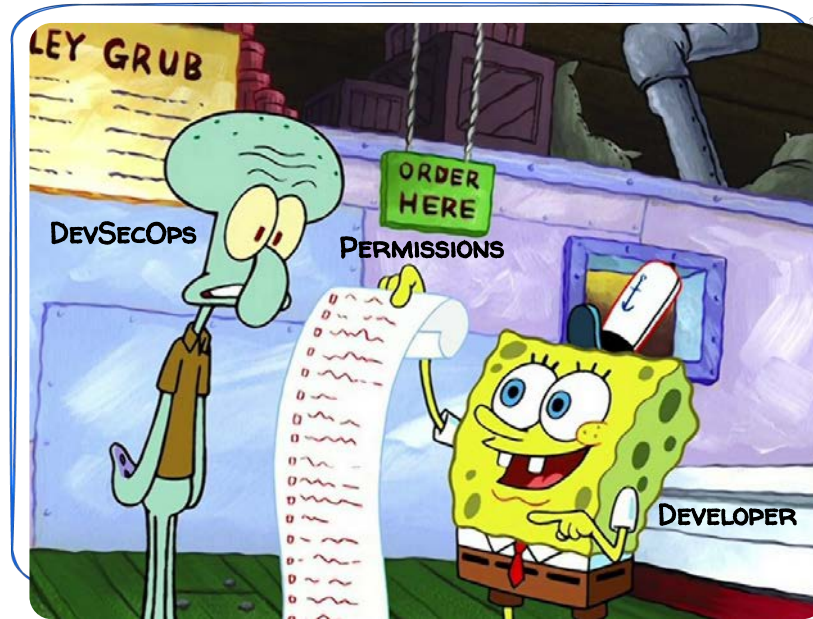




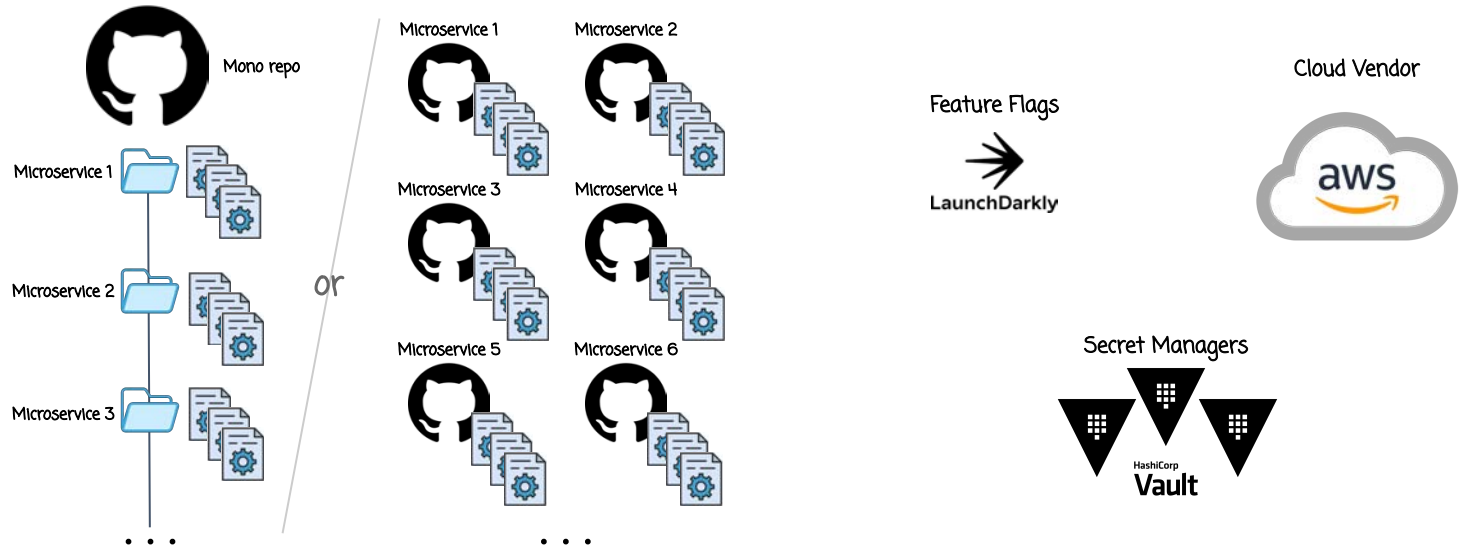
COMMON TYPES OF MISCONFIGURATIONS



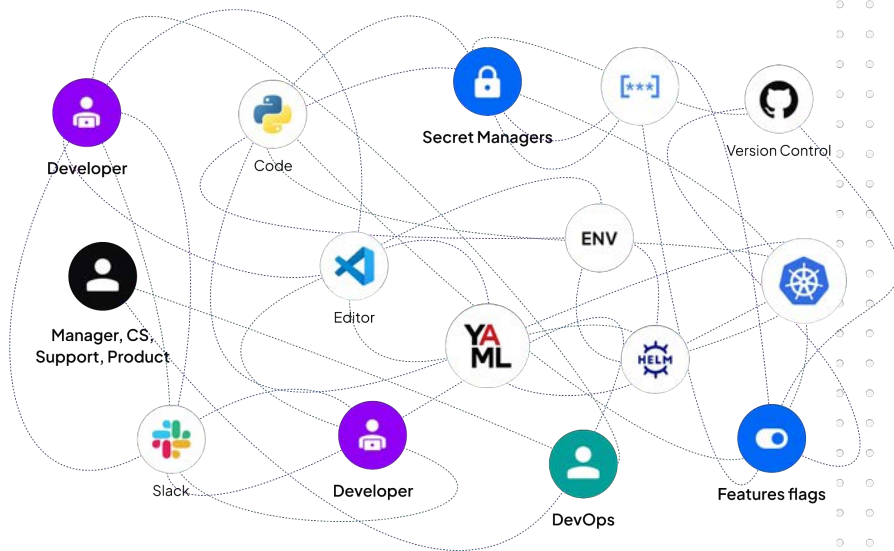
PERMISSION ISSUES



PERMISSION ISSUES



UNENCRYPTED FILES AND RISKS



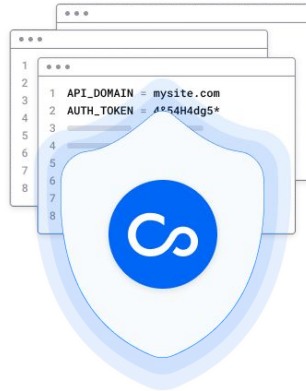
CHALLENGES IN MONITORING CHANGES



THE AUTOMATION GAP

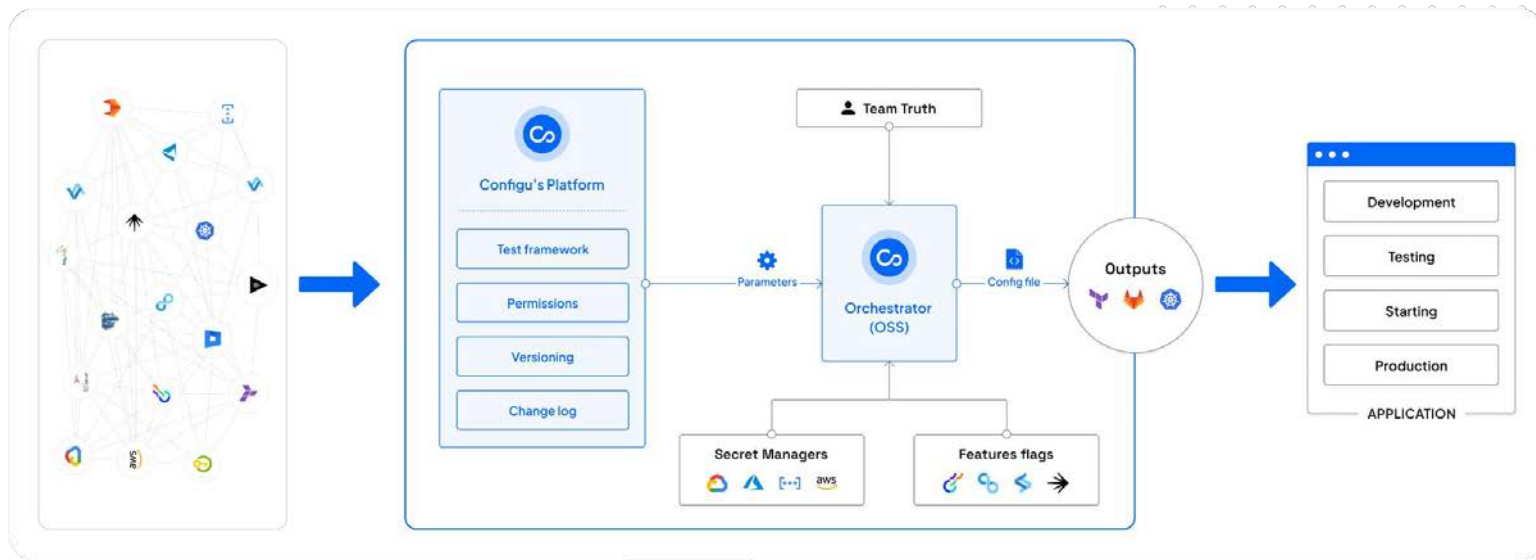


DEFENCE

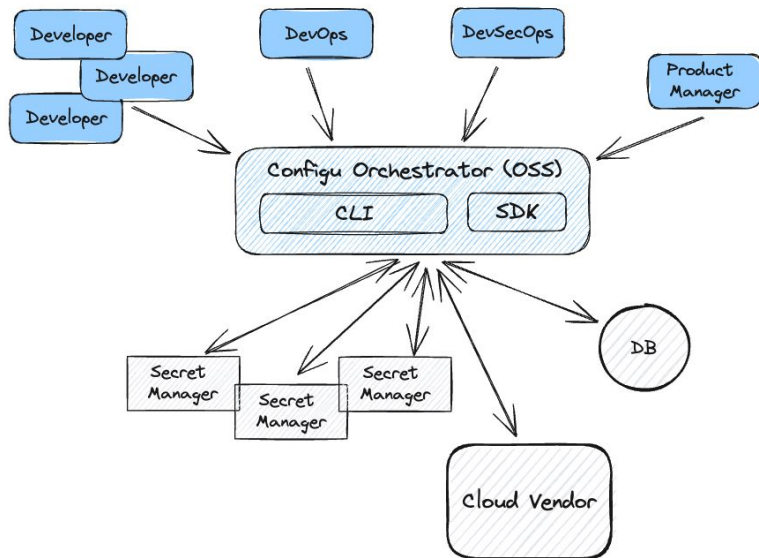


</>

INTRODUCTION TO CONFIGU



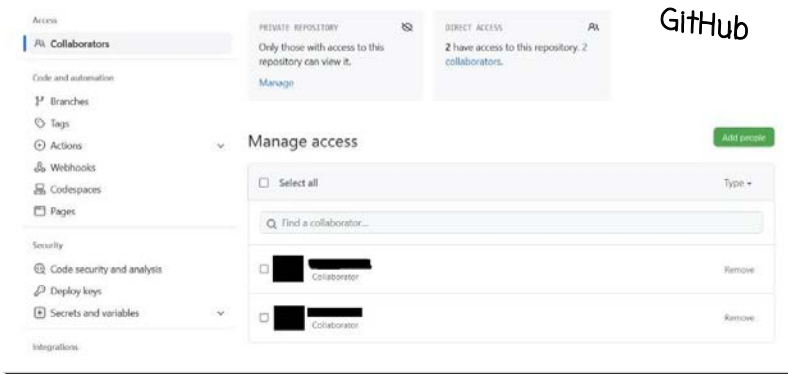
MANAGING PERMISSIONS EFFECTIVELY



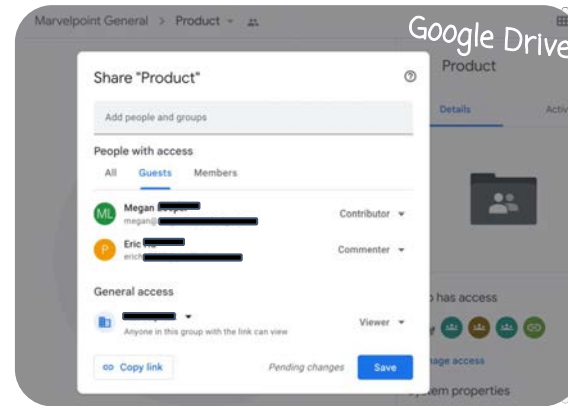
Permissions

MANAGING PERMISSIONS EFFECTIVELY

RBAC



ABAC



MANAGING PERMISSIONS EFFECTIVELY

RBAC

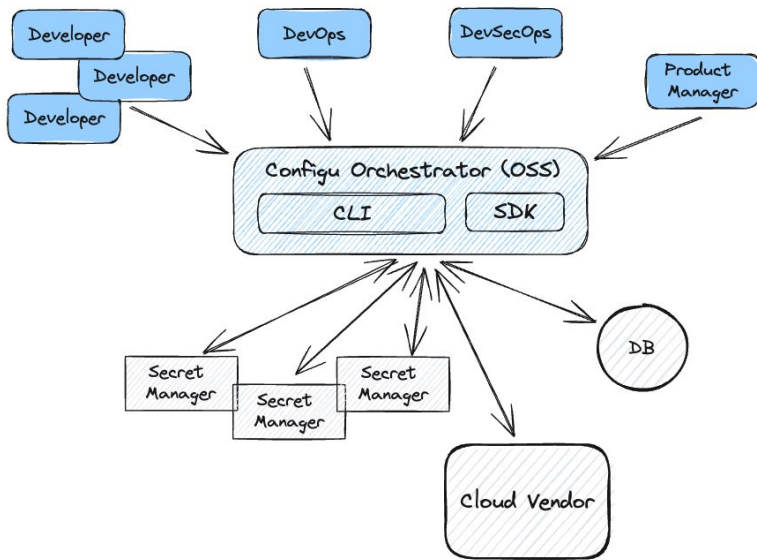
Developers -> dev
 -> test

DevOps -> dev
 -> test
 -> prod

ABAC

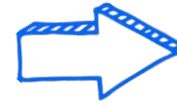
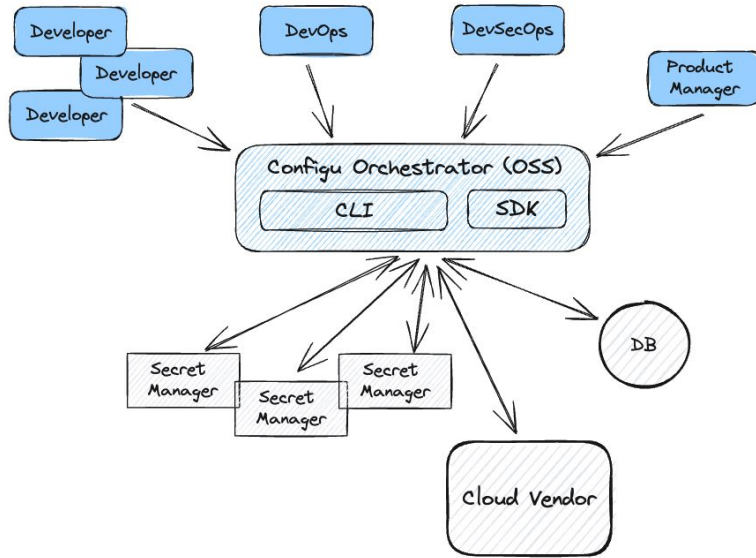
Developer_A -> LOG_LEVEL (prod)
Developer_B -> LOG_LEVEL (prod)
Managers -> MONGO_CS (prod)
QA_A -> LOG_LEVEL (dev)

ENSURING DATA ENCRYPTION

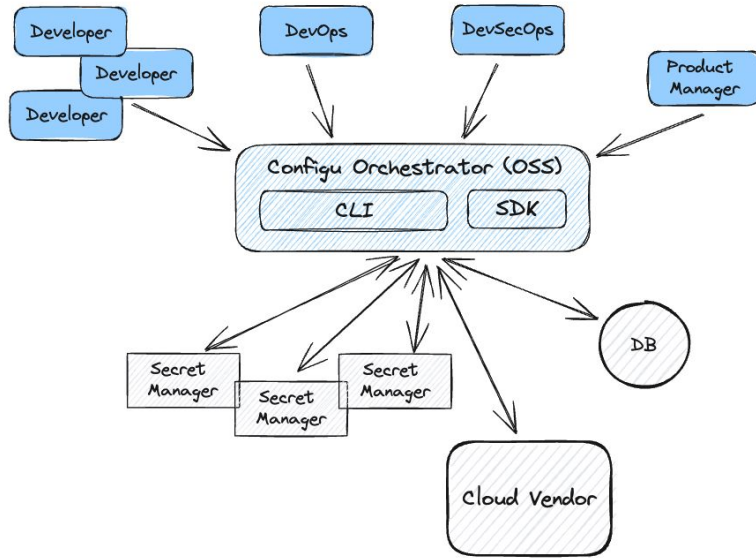


Data Encryption

EFFECTIVE MONITORING TECHNIQUES



EMBRACING AUTOMATION



Automation

THANK YOU FOR YOUR ATTENTION!

FOLLOW CONFIGU

Website:
configu.com

GitHub:
github.com/configu/configu

X (Twitter):
[@WeAreConfigu](https://twitter.com/WeAreConfigu)

LinkedIn:
[@Configu](https://www.linkedin.com/company/configu)

