# Configurations: Do you prove yours?

Continuous configuration, observability, compliance

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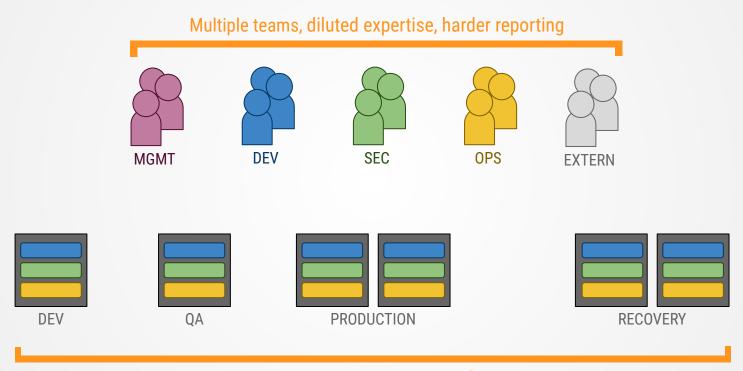


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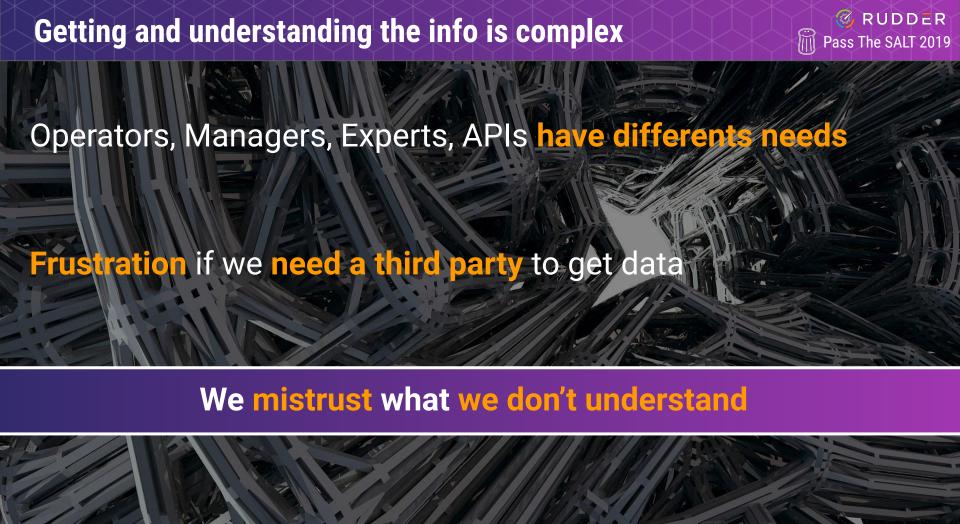


#### Main challenges faced nowadays



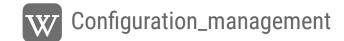


Heterogeneous systems, reduced visibility, ease of use and understanding



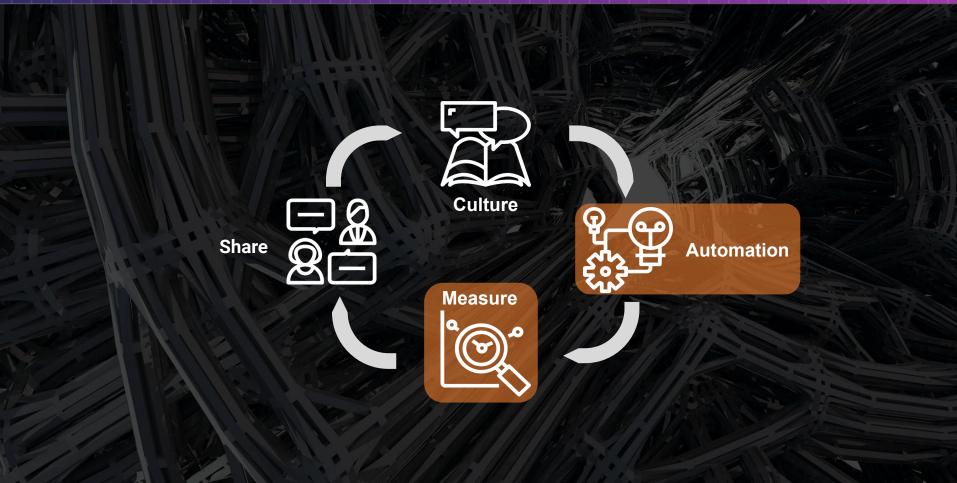


Configuration management is a systems engineering process for establishing and maintaining consistency of a product [...] throughout its life.



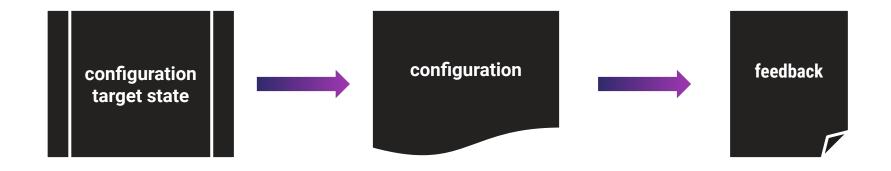
### How DevSecOps can help to understand?





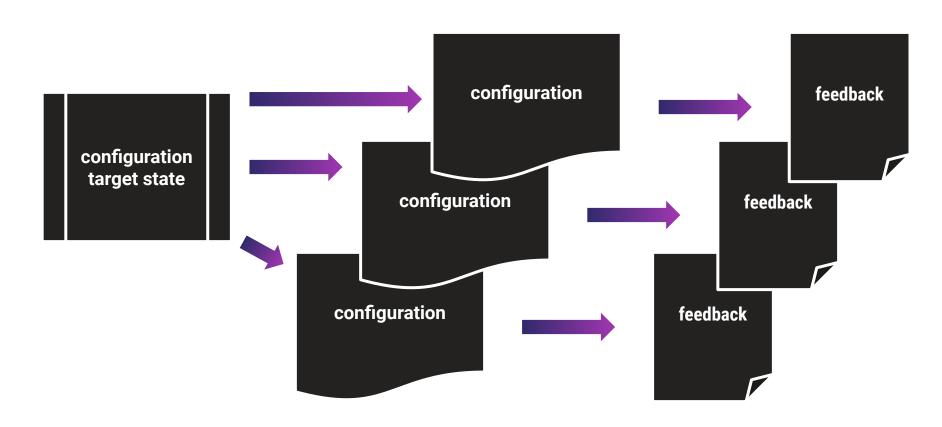
## Let's remember: What does configuration management do? Pass The SALT 2019





## Let's remember: What does configuration management do? Pass The SALT 2019







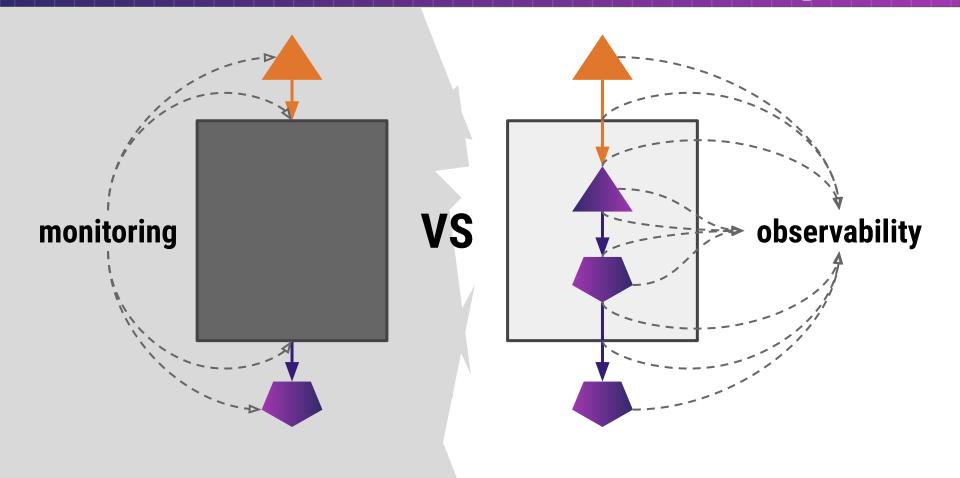
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Observability is a measure of how well internal states of a system can be inferred from knowledge of its external outputs.



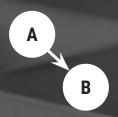
Observability

## Monitoring VS Observability: having a factual & deep insight Pass The SALT 2019



### Why we need Observability in Configuration Management?





## Causality

trust and prove configuration states



### **Perspective**

**provide insights** relevant to different needs



### **Agency**

help teams find the best levers for their job



## RUDDER

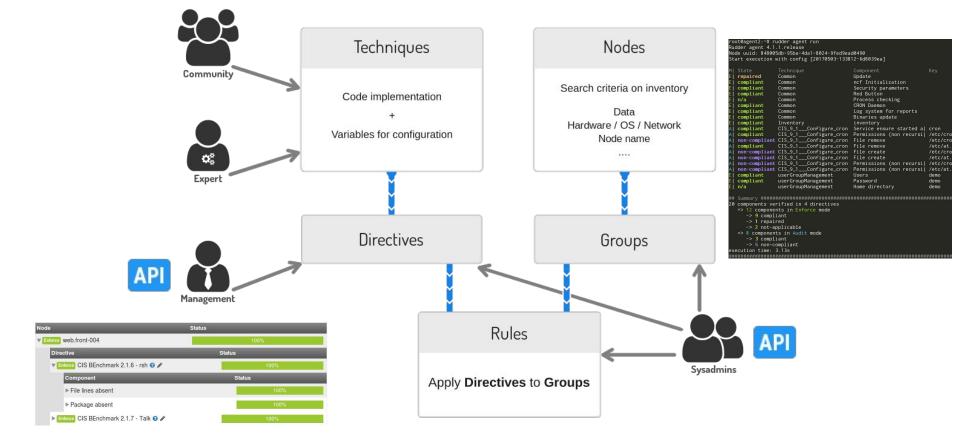
CONTINUOUS AUDITING & CONFIGURATION



#### These concepts are core to Rudder

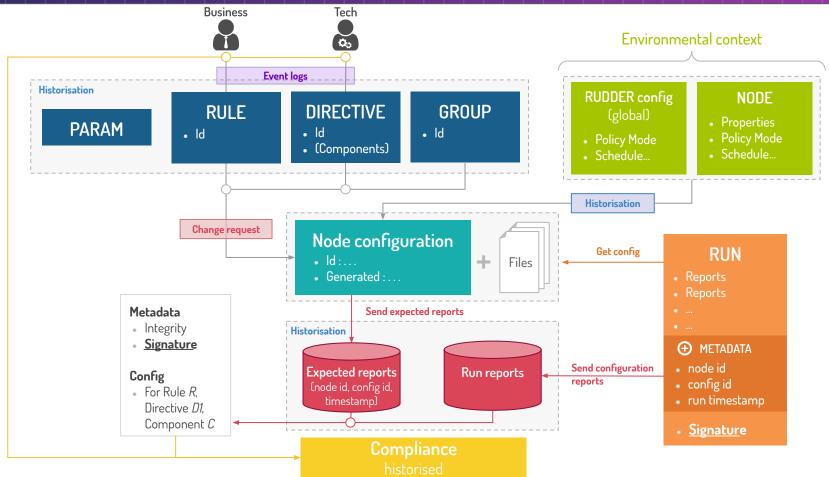


#### Everyone/thing can be an actor of configuration management



#### Observability and how Rudder can prove the compliance?





# French, mature and open-source of continuous configuration compliance



## RUDDER













Manage OS, middleware and software level



Team oriented (WebUI, CLI, API)



Audit only or automatic drift remediation



Continuous reporting and dashboarding



# Thank you!

Any questions?

5mn Survey on SecOps: bit.ly/pts19-secops

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RUDDER