ACCURATE AND REPORTABLE CONFIG’ INFORMATION FOR ANSIBLE

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09-May-2018
Using Ansible automation to deploy assets and manage the configuration of multi-clouds estates to multiple customers.
Challenge

Ensure accurate, instant reporting of the infrastructure state from a database whilst minimising developer effort to collate and populate
Why?

- Change and Incident Management
  - Impact Assessments

- Service Request
  - Information Based Decision Making

- Release Management
  - Versions, Patching Information, Security

- Configuration Management
  - Known State
Objectives

- Single Source of Truth
- Flexible Config’ Item Schema
- Part of Automation Development Lifecycle
- Reporting API
- Developer Friendly (Ansible Integration)
Architecture

Red Hat SSO (Keycloak)

Write Client (Ansible)

Onix WAPI (Spring Boot)

Read Client

Onix Db (PostgreSQL)

https://github.com/gatblau/onix
Data model

https://github.com/gatblau/onix
DEMO
Context of Use
Key benefits

Integrated  Accurate  Flexible
Questions

https://github.com/gatblau/onix
THANK YOU

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