DEVOPS

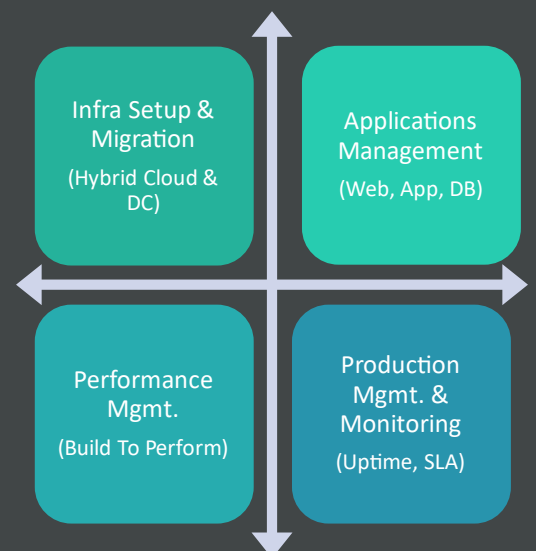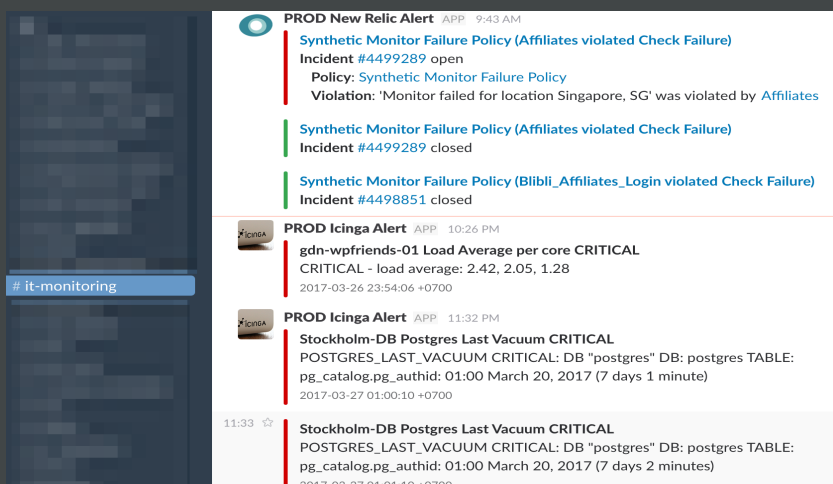## ORCHESTRATE & PERFORM • AUTOMATE • MONITOR

✉ hello@coviam.com

DevOps, is an approach that drives enterprises to achieve engineering efficiencies, increase speed to market, reduce manual error, manage & improve customer experience by creating an eco-system built on collaboration of people, process & tools.

Why do you need DevOps?

DevOps has become as important as infrastructure virtualization and is the key element to providing robust development & deployment frameworks without human intervention. Agile processes demand short span periodic or continuous elevations to environments and DevOps almost eliminates the chance of human error making agile software development more robust and tuned for speed of Agile.

New offering

ChatOps – Real time monitoring & Notifications for all parameters via Slack

it-monitoring

PROD New Relic Alert APP 9:43 AM
Synthetic Monitor Failure Policy (Affiliates violated Check Failure)
Incident #4499289 open
Policy: Synthetic Monitor Failure Policy
Violation: 'Monitor failed for location Singapore, SG' was violated by Affiliates

Synthetic Monitor Failure Policy (Affiliates violated Check Failure)
Incident #4499289 closed

Synthetic Monitor Failure Policy (Blibli_Affiliates_Login violated Check Failure)
Incident #4498851 closed

PROD Icinga Alert APP 10:26 PM
gdn-wpfriends-01 Load Average per core CRITICAL
CRITICAL - load average: 2.42, 2.05, 1.28
2017-03-26 23:54:06 +0700

PROD Icinga Alert APP 11:32 PM
Stockholm-DB Postgres Last Vacuum CRITICAL
POSTGRES_LAST_VACUUM CRITICAL: DB "postgres" DB: postgres TABLE:
pg_catalog.pg_authid: 01:00 March 20, 2017 (7 days 1 minute)
2017-03-27 01:00:10 +0700

11:33 ☆ Stockholm-DB Postgres Last Vacuum CRITICAL
POSTGRES_LAST_VACUUM CRITICAL: DB "postgres" DB: postgres TABLE:
pg_catalog.pg_authid: 01:00 March 20, 2017 (7 days 2 minutes)
2017-03-27 01:01:10 +0700

Infra Setup & Migration (Hybrid Cloud & DC)

Applications Management (Web, App, DB)

Performance Mgmt. (Build To Perform)

Production Mgmt. & Monitoring (Uptime, SLA)

A Coviam Technologies Practice

What capabilities does Coviam provide?

Strategy, planning and design for DevOps

Development, execution & monitoring services

▸ Config Mgmt.
- Systems
- Deployments inventory
- Application configuration

▸ Orchestration (Build & Deploy)
- CI / CD
- Code elevation to Non Production & Production environments

▸ Automation
- Engine for deployments are pushed & rolled back
- Version mgmt. of Deployments

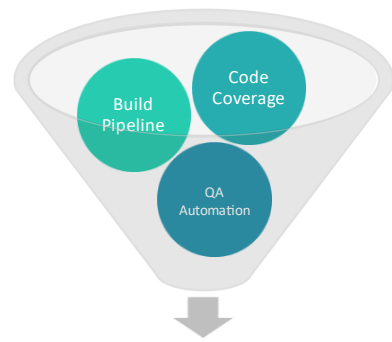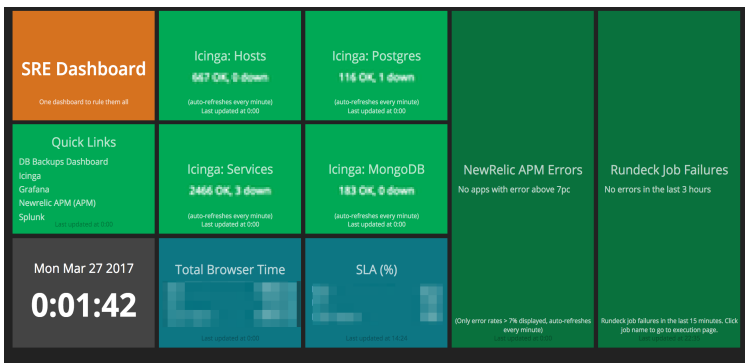▸ Production SLA & Service Mgmt.
- System uptime
- Health of the service
- Escalation , Troubleshooting & Incidence Mgmt.

▸ Monitoring
- Systems & Network
- Synthetic
- Deep Diagnostics

▸ Governance
- WBR & MBR on Uptime, Load, Transactions
- Releases made & Features out
- Risks perceived (security, tools & people)
- Cost Implications

SRE Dashboard	Icinga: Hosts	Icinga: Postgres		
One dashboard to rule them all	667 OK, 0 down	116 OK, 1 down		
	(auto-refreshes every minute) Last updated at 0:00	(auto-refreshes every minute) Last updated at 0:00		
Quick Links	Icinga: Services	Icinga: MongoDB	NewRelic APM Errors	Rundeck Job Failures
DB Backups Dashboard Icinga Grafana Newrelic APM (APM) Splunk	2466 OK, 3 down	183 OK, 0 down	No apps with error above 7pc	No errors in the last 3 hours
	(auto-refreshes every minute) Last updated at 0:00	(auto-refreshes every minute) Last updated at 0:00		
Mon Mar 27 2017 0:01:42	Total Browser Time	SLA (%)	(Only error rates > 7% displayed, auto-refreshes every minute)	Rundeck job failures in the last 15 minutes. Click job name to go to execution page.

Build Pipeline
Code Coverage
QA Automation

Build To Perform Application

DevOps Toolset

Provisioning / Config Mgmt.

Business Intelligence/Monitor

CI/CD & Artefactory

Governance & Collaboration

Performance Mgmt.

PLATFORMS

CONTAINERS

CDN

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