dimension data

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IT Innovation at Dimension Data: DevOps Beyond Deployment with StackStorm

20 November 2017

Technology transforming conservation

A customised end-to-end solution

digital infrastructure

data and analytics

Digitising and analysing the entry and exit information of people visiting the park.

hybrid cloud

automatic backup

Backing up data in real-time, to ensure uptime.

workspaces for tomorrow

multiscreen communication

Keeping rangers connected across multiple devices in all areas.

cybersecurity

secure network and data flow

Eliminating the risk of information falling into the wrong hands.

Professional services to design and implement the solution;
operated as managed service, using the cloud for data analysis and backup.

What I do

People

- 31,000+ employees
- 1-5 year skills strategy

Skills

- Introducing software as a key skill
- Transitioning traditional to DevOps

Innovation

- Decentralized innovation practice
- 43 countries

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4 Trends in DevOps from 2016

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Skills are hard to source and costly to acquire.

DevOps is becoming Silo'ed

Point solutions are multiplying- FAST

"We do DevOps" because we have some scripts

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What is the best way to structure your DevOps teams?

Centralize

✓ Consistent

✗ Bottlenecked

OR

Distribute

✓ Fast

✗ Duplication

Collaborate

- Open/Inter-sourcing IP
- Ownership by merit
- Knowledge sharing
- Collaboration platforms

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DevOps integration Spaghetti

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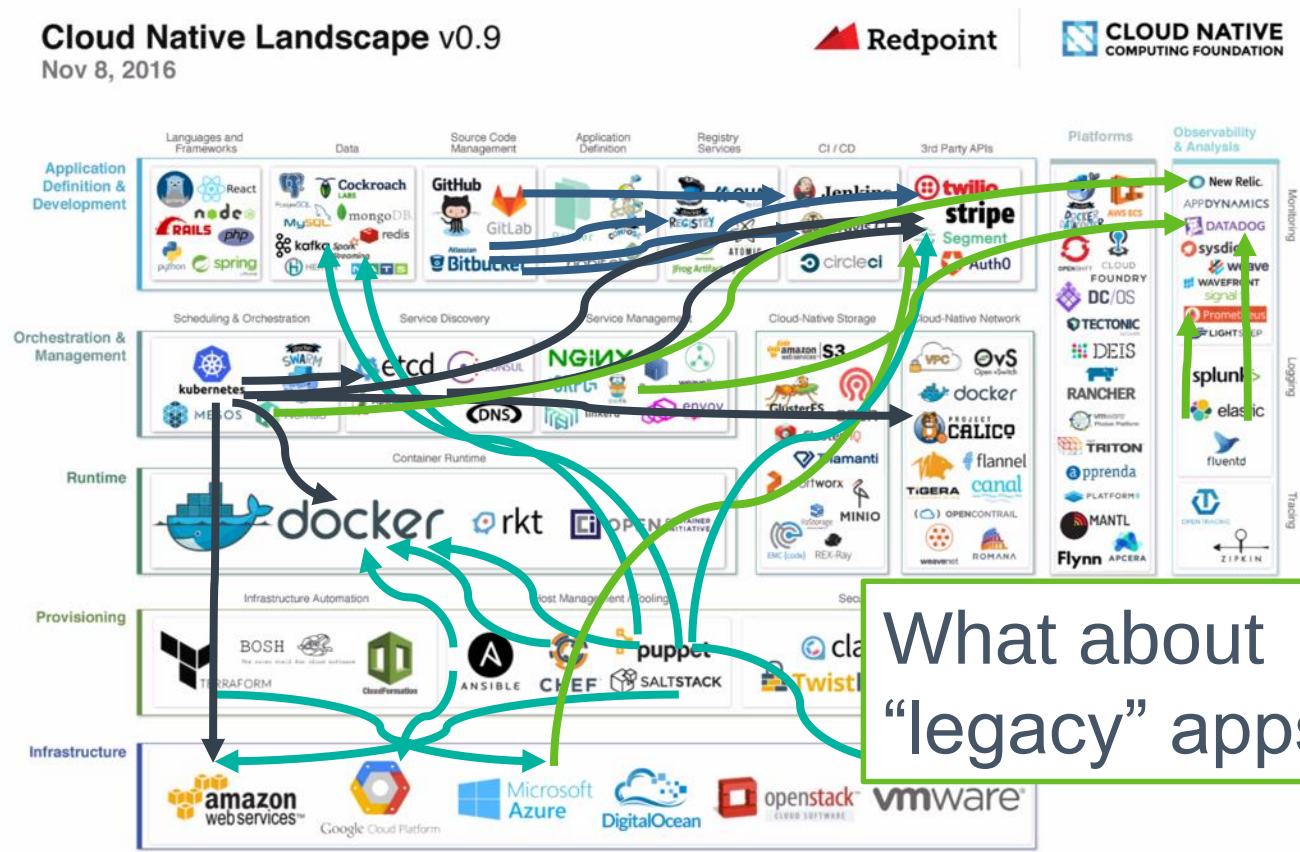

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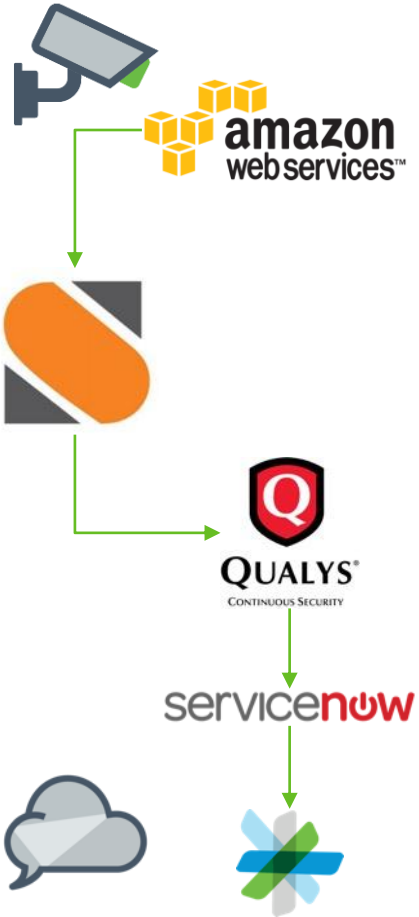
Event-driven DevOps – a practical example



New instance deployed in EC2

When a new instance is detected, run SOC compliance workflow

Scan the networks for vulnerabilities

Raise an incident in SOC ITSM queue

Tell the SOC via Cisco Spark and/or email

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Collaborative DevOps with StackStorm

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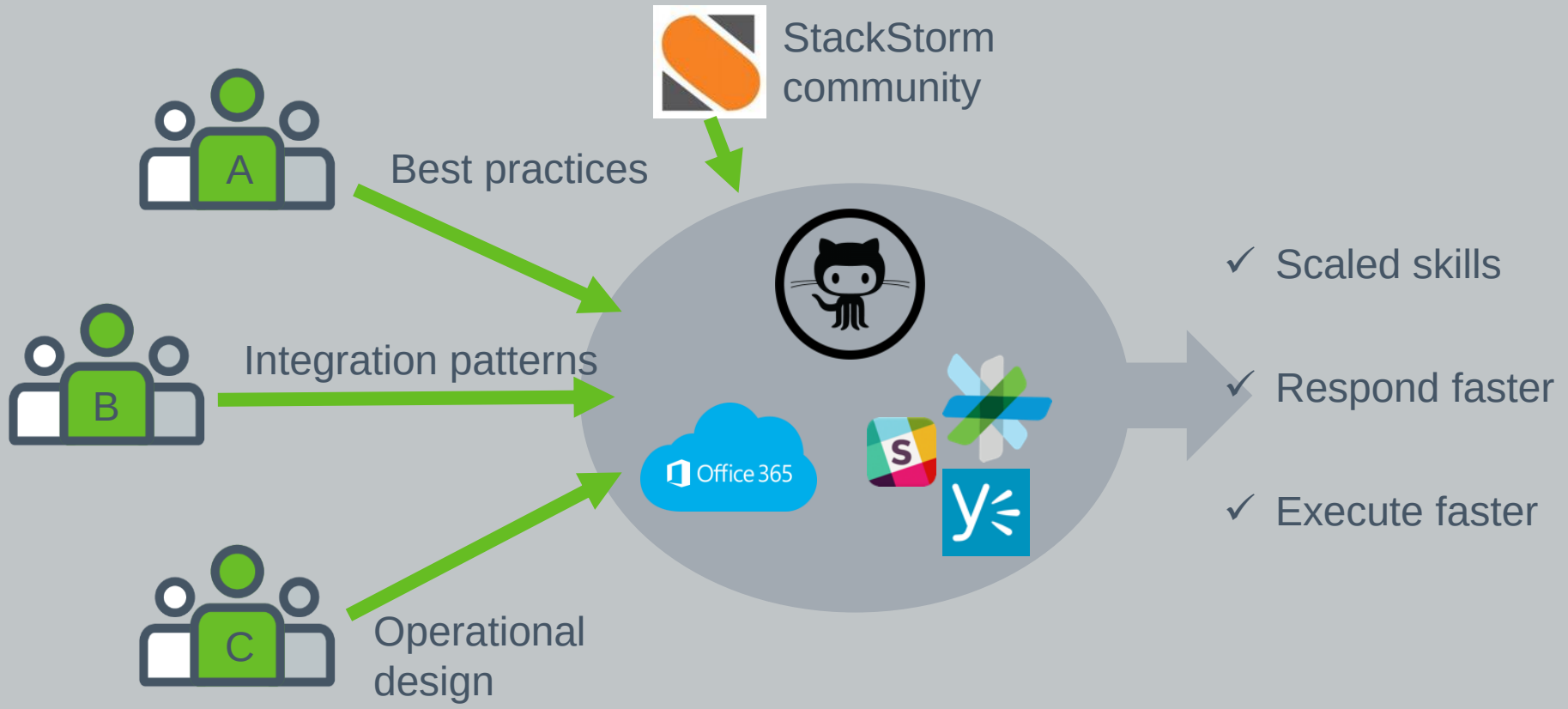

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3 major trends to enable skills transformation in 2017

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- Don’t centralise- *collaborate*
- Open-Source is key
- Continuous Learning

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Keep in touch

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