HOW TO DEVOPS WITHOUT LEAVING TRADITIONAL IT BEHIND

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THEMES IN IT TODAY

DEVOPS AND CLOUD
Seismic shift in how organizations work with IT

OPERATIONAL AGILITY
Automation is required for both DevOps and Cloud

DEFINE ONCE, RUN ANYWHERE
Automation improves cloud-posture and technology adoption
BINGO

CLOUD
AKA HPC two decades ago.

DEVOPS
You can’t buy it. But good tools help.

INTERNET OF THINGS
So wait. My servers aren’t things?

SERVERLESS
It’s really just a name. Or Hosted PaaS?

WEB 2.0
Your fax machine is calling...

HIGH AVAILABILITY
It depends on who you are.
DEVOPS
What is it... and what it’s not.

COLLABORATIVE
Complete end-to-end application lifecycle management

COHESIVE (COMBINES FUNCTIONS In Theory)
Development, QA, Security, and IT operations all working together

FORWARD-LOOKING
Typically applied to greenfield environments (but that’s not where your pain is, right?)
DEVOPS IN TRADITIONAL ENVIRONMENTS CAN BE HARD
ENTRENCHED
LARGE EXISTING INFRASTRUCTURE
REUSE IS HARD
WE’RE BUSY
DEVOPS NEEDS AUTOMATION

ENABLE REUSE
Leverage existing people, processes, and (often) technology

INCREASE SAVINGS
Free up time to work on more important things

SPAN SILOS
Empower teams to work efficiently

CREATE REPEATABILITY
Lather, rinse, repeat
THE LANGUAGE OF ENTERPRISE IT

Ansible is the first automation language that can be read and written across IT.

Ansible is the only automation engine that can automate the entire application lifecycle and continuous delivery pipeline.

COMMUNICATION IS THE KEY TO DEVOPS.

Ansible is the first automation language that can be read and written across IT.

Ansible is the only automation engine that can automate the entire application lifecycle and continuous delivery pipeline.
Create VM → Kickstart OS → Install Patches → Deploy Configured Baseline → Security Baselining → Approved Server → App Delivery Team
CONTINUOUS DELIVERY FOR THE OS
Glue it together

Leverage existing tools (Satellite, etc.)
Employ automation to eliminate manual processes
OS environments get real version control

AND ...New and existing systems get to look the same
Ansible Tower connects development to operations by orchestrating complex application environments:

- Application Code
- OS Updates
- Web Servers
- Databases
- Load Balancers
- Networking
- VMs or Cloud Instances
- ... and more
RAPID BENEFITS

REDUCE TIME TO DELIVERY
Development and QA get access to prod-configured resources more quickly

IMPROVE COLLABORATION
Consumers of servers have clear method to define and request changes

PROMOTE ADOPTION
Automation doesn’t remove responsibility from concerned teams
GETTING STARTED

Automation, automation, automation
LCD is not always a bad thing
Process is the security
Unify current build process
Enable auto-application of updates through CI/CD on OS layer
QUESTIONS?

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