

# Lessons using Ansible at J.Crew

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# The Beginning

# DIAGNOSIS

Lengthy Deployment (Hours)

Rube Goldberg Machine

Sisyphus effect

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**STOP!**

# DECISION TIME!

DevOps

**Ansible**

QA automation

# ANSIBLE

Simplicity is beauty, agentless

Community and examples

Automate all things!

# You never go full DevOps

**¡Gracias! Any questions?**



# Lesson 1: You are not a unicorn

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Become a teaching organization

Training might take years of investment

Change your hiring/review process

# Lesson 1: You are not a unicorn!

Long term solutions are better

Understand your infrastructure

Innovation is not only in tools

# Lesson 2: Nash equilibrium

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Same goals

One team

Remove blockers

# Lesson 3: The Dip

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Stay calm

Avoid toxicity

Patience and Empathy

# Lesson 4: Trust



# Lesson 4: Trust

Trust your people

Trust between departments

Mistakes will be made

# Lesson 5: Ansible Tower

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Great reports

Delegation and security

`tower-cli`

# Lesson 6: The Single Queue of Work

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Different priorities

Budget unplanned work

Gather utilization metrics

# Lesson 7: Use what you have at hand

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RPMs with yum module

Use a single playbook

Use vagrant

# Lesson 8: Bus factor



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Train a team, not a person

Knowledge base

Take vacations

# Lesson 9: You are a tech company

# Lesson 9: You ARE a tech company

Changes in devices

Changes in the market

IT is a core competency

# Lesson 10: Have fun

# Lesson 10: Have fun

Bot to create VM's

Promote new projects

Influence other teams

# Results

# RESULTS

Finished crewbot, self service

Deploy used to take hours at night

Takes 5 minutes now

# RESULTS

7 new prod servers in 5 minutes

Ops cost down by 20%

Changes took 2 months



# RESULTS

Increase in productivity

Support and training mindset changed

# AUTOMATED RESULTS

Crewbot Saved 750,000 USD so far

# The future!

# THE FUTURE

We are adding two more brands

Upgrade to ansible 2.1

Distribute roles across the company

# IN SUMMARY

Use Ansible, ADAPT and have fun



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**LEARN. NETWORK.**  
**EXPERIENCE OPEN SOURCE.**

