DevOps Culture

What is it and why is it important?

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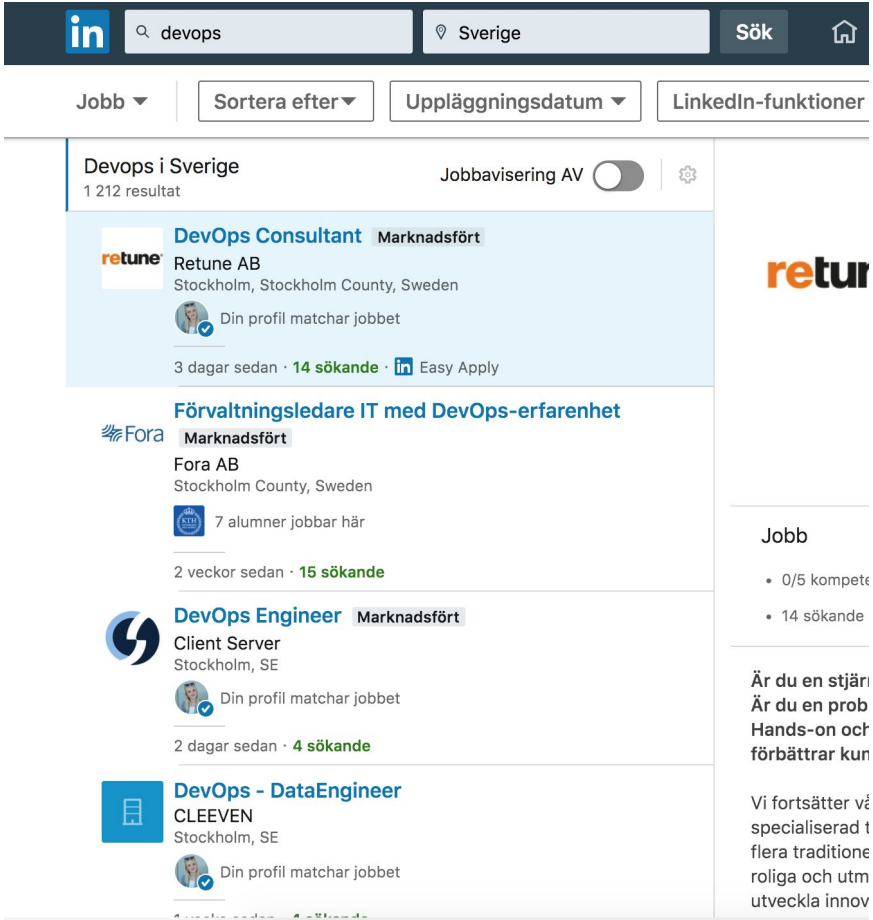
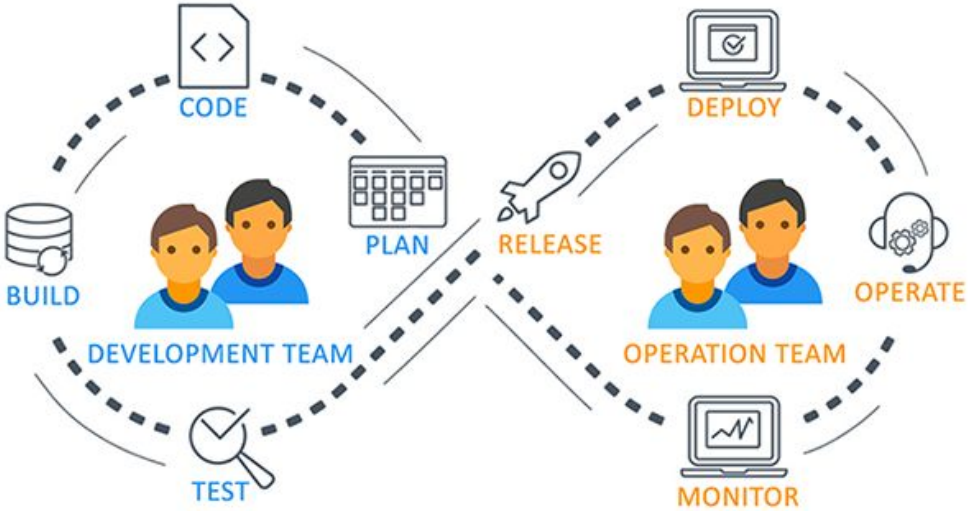
Introduction



DevOps in general

★ **The art of combining Development and Operations**

★ **Sharing efficient practises and tools**



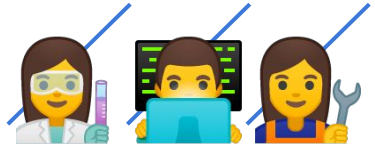
What is a “DevOps culture”?

- ★ **Shared understanding and responsibility**
- ★ **Clarity around expectations**
- ★ **Environment of psychological safety**

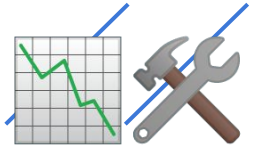
Why is it important?

- ★ Research, experiment and innovate more efficiently
- ★ Create a cycle of improved productivity
- ★ Iterate more quickly
- ★ Offer more creative solutions

How do you build a DevOps Culture ?

Roles and Responsibilities 

Rules of Engagement

Pre-mortem 

Retrospective

The HP LaserJet Team

Build cycle time:

1 week ➡ 3 hours (10-15 builds/day)

Commits:

1 commit/ day ➡ 100 commits/day

Regression test cycle time:

6 weeks ➡ 24 hours

What they did:

CI

Commit

Branch: master

★ “Stopped the line” if something failed

★ Used a chat room for structuring the communication

★ Gated commits

Summary DevOps Culture

- ★ Teamwork
- ★ Communication, affinity and shared responsibilities
- ★ Working towards the same goal

“Communication is the key”

rules of engagement
transparency
development
trust
clarity about expectation
honesty
it
accountability
affinity
people
tools
roles
operations
retrospective
pre-mortem
collaboration
responsibilities
communication
no blame
openness
innovation
feedback
embrace failure
agile
teamwork
shared understanding
teams
working towards same goal
combined achievements
autonomous teams