

UDAPEOPLE

Benefits of Incorporating CI/CD to Achieve, Build, and Deploy Automation for Cloud-Based Software Products.

RUBY ABUYE
UDACITY-AWS

1

Slides

Comments

+ New slide

1



2



3



4



5



CI/CD will help us to :

**Repeatable Reliable
Process**

Automate Everything

**Version Control
Everything**

**Everyone is
Responsible**

**"Done" Means
Released**

**Continuous
Improvement**

Why do we need CI/CD RIGHT NOW?



1

We are Investing **more time** in a release cycle than delivering value, this is reducing cost, and keeping all our necks on the line.

2

Our Unit test suite hasn't been green in ages, which factors back to Point Number 1, delaying our releases, and wasting more money.

3

Only one engineer can deploy a system, which shouldn't be so. What happens if he gets sick or can't come to work ? We will be in a bind

4

Friction between ops and development departments mainly due to lost code and integration hell

If we incorporate CI/CD into our company, there are lots of benefits we stand to gain.

Listed below are just a few points.



Less developer
time on issues
from new
developer code,
which will Reduce
Cost

Prevent
embarrassing or
costly security holes,
and therefore avoid
Unnecessary Cost

More New value-
generating features
can be released
quickly, which in turn
increases revenue

Quick undo to return
default software back to
production, saving face
& protecting revenue

Less time for
products to be
released into the
market, increasing
Revenue

Reducing downtime
from a deploy-related
crash or major bug,
thereby protecting
Revenue

THANK
YOU