Devops 23 May Lors

-people related factors. due to change in cuiture & 75% deugs will fail - 2020

Devops -> not a tool. Its a shared mindset

Practice of Denops engineer working together in a sopware rife yell following lean & agrile life cycle to deliver fast products Think differently, work differently, organized measure differently.

-> small butches.

-> softwar reuse I Sharing.

-> Test diven & behauser dri'un.

- CILGD.

- Measure differently; measure what matter.

Tech enables immoration not drives

aff 10 - test in market in 16. I test in market instead of analyzing like ad b testest - your application design allowed inclinidual design components to be replaced.

Netflix was first a disk sharing platform but change to enketainment sector replacing blockbusks.

Decrops: The turn is an entension of agile dece enu that aims to enhance the process of square delinery as a whole.

designs is not developers & quations its the combination of both man velocity/min risk.

Goal of Deceps: max velouty / min when risk

Agility is the goal:

-Smart Experimentation

- Mouing in market

- Gaining quick, valuable insights

Agility: the three pillarg

Suffastruture as code
Immutatele
infrastruture

Devops Devops Microsenices

Container)

Portability
Developer Centric
Ecosystem enables
Fast Startup

Koose coupling binding
Restful APIS
Designed to resist
failures

Test by breaking / fail

- Deucps for speed & agility

-) Microserius for small deployment

- Containers for ephemone justimes

Eg. when a container goes bad we delete it, throw't replace it with a new one

Application Evolution Delivery waterfall > Agile > Denges Monoliths > SOA > Microscuices Architect -> Infrastructure -> Physical -> righted -> containers.
server server machines Deceps made up of authure, methods & Tools How Most Important is altere: How do we change a authore? - charge the way people think - change the way people work -) change the way people are organized -) change the way people are measured. Requirement 7
Design 7
Gode 7
Interation 7
Test 7
Deploy Traditional waterfall Development: - No ilevation - No change - Court accomposate feedback I when one phase ends another starts -> Mistakes in later phase are more enjensive.

## Extreme frogramming

- Uses Pau programming & Test Driver Development.
- An agile frame work where we can iterate & accomodate feedback.
- Agile is not enough
- we have to make ops team agile as well

## Deugs timeline:

2007: Ratrick Debois recognized Den & ops were not unking together

2008 - Agile Conference: Andrew Clay Shaper: Agile Infrastruce

2009: John Bupan: velocity 2009 to + Hicks contribution

2010: Continuous delicious- by Jez Huntle & Bawid Harley

2013 - Phoinix Project: about lean manyacturing principles

2015: DORP: (Decops Research & Assessment)

Stak of demoss Report

2016: The Deword Handbook by Gene Rim, Jez Humble,
2 Patrick Debots & John will's

2019! Deceps Pays: 40 events in 21 countries