DevOps Essentials Introduction Notes

DevOps = Dev(Development) + Ops(Operations)

Different definitions of DevOps

* DevOps is a software engineering culture and practice that aims at unifying software development and software operations. DevOps aims at shorter development cycles, increased deployment frequency, more dependable releases, in close alignment with business objectives.

DevOps is

* DevOps is first a culture of collaboration between developers and operations people
* This culture has given rise to a particular set of practices

DevOps is not

* Are not tools, but tools are essential to success in DevOps
* DevOps is not a standard. There are best practices, but no official standards set by the DevOps movement
* DevOps is not a product
* DevOps is not a job title. Cultural movement between software developers and system operations people across an entire organization

A brief history of DevOps

Agile Software Development Movement

* Agile seeks to develop software in small, frequent cycles in order to deliver functionality to customers quickly and quickly respond to changing business goals.
* DevOps was made off the ideas of the agile software development movement

Today

* Became mainstream
* Spawned a large variety of tools used today
* Completely changed the IT industry forever