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Q1: Devops is no more than a role of person that coordinates to unify development teams and process to complement software development.

The main reason behind devops popularity is that it allows enterprises to create and improve products at a faster than traditional software development methods

- Shorter development cycles, faster innovation
- Reduce implementation failure, reflections and recovery time.
- Better communication and cooperation
- Greater competencies
- Reduce cost and risks

Q2: While devops is culture, the right state of makes it possible to implement devops meaningfully. At its core and perhaps the most remarkable concept that devops approach brought is the collaboration b/w software development and operation teams. Devops tools are:

- (i) Version control Tool: Git
- (ii) Build Tool: Maven

- iii) Continuous integration with Tool: Jenkins
- iv) Configuration management Tool: Chef
- v) Configuration management Tool: Puppet
- vi) Configuration management Tool: Ansible
- vii) Container platform: Docker
- viii) Container platform: Kubernetes
- ix) Communication and abstraction: Slack
- x) AWS cloud computing and storage in Devop
- xi) Azure cloud computing and storage in Devop
- xii) Google cloud platform
- xiii) Testing Tool: Selenium, Guremlin.