

① Devops is a set of practices which combines software development team and operational team and information technology (ops) which aims to shorten the system's software development life cycle and provides continuous delivery with higher software quality.

Devops:

- shorten development cycle
- reduce deployment failures and rollbacks.
- improve collaboration communication.
- increase efficiency
- reduce cost and ~~head~~ headcount.

② Puppet : is a tool that helps you manage and automate configuration of services.

Ansible : it aims to provide large productivity gain to a wide variety of automation challenges.

Docker : is designed for developers and system administrators an essential part of Devops. With docker developers can focus on application development rather than being worried about the platform where it will run.