1) Devops is a set of practices which combines software development team & operational & informational technolodgy (ops) which required aims to shorter the system's software development lifecycle & provides continuous delivery with high software quality.

Devops:

→ Shortens development cycle

→ reduces deployment failures & rollbacks

→ improves collaboration communication

→ increases efficiency

→ reduces cost & IT headcount.

2) Puppet : is a tool that helps you manage & automake configuration of servers.

Ansible : It aims to provide large producing gains to a wide variety of automation challenges

Docker : is designed for developers & system administrator, an essential part of devops, with docker developers can focus on applications development rather than being worried about the platform where it will run.