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- 1) DevOps is a set of practices which combines software development team and operational and informational technology (ops) which aims to shorten the system's software development lifecycle and provides continuous delivery with high software quality.

DevOps:

- Shortens development cycle
- Reduces deployment failure and rollback.
- Improves collaboration communication
- Increases efficiency
- Reduces cost & IT headcount.

- 2) Puppet: is a tool that helps you manage and automate configuration of servers

Ansible: It aims to provide large productivity gains 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.