DevOps

DevOps is a set of software development practices that combine [software development](https://en.wikipedia.org/wiki/Software_development) (*Dev*) and [information-technology operations](https://en.wikipedia.org/wiki/Information_technology_operations)(*Ops*) to shorten the [systems-development life cycle](https://en.wikipedia.org/wiki/Systems-development_life_cycle) while [delivering features, fixes, and updates frequently](https://en.wikipedia.org/wiki/Continuous_delivery) in close alignment with business objectives.

Tools

1. Coding – code development and review, [source code management](https://en.wikipedia.org/wiki/Version_control) tools, code merging
2. Building – [continuous integration](https://en.wikipedia.org/wiki/Continuous_integration) tools, build status
3. Testing – [continuous testing](https://en.wikipedia.org/wiki/Continuous_testing) tools that provide quick and timely feedback on business risks
4. Packaging – [artifact repository](https://en.wikipedia.org/wiki/Binary_repository_manager), application pre-deployment staging
5. Releasing – change management, release approvals, [release automation](https://en.wikipedia.org/wiki/Application_release_automation)
6. Configuring – infrastructure configuration and management, [infrastructure as code](https://en.wikipedia.org/wiki/Infrastructure_as_code) tools
7. Monitoring – [applications performance monitoring](https://en.wikipedia.org/wiki/Application_performance_management), end-user experience