 DevOps pipeline is a set of automated processes and [tools](https://www.atlassian.com/devops/devops-tools) that allows both developers and operations professionals to work cohesively to build and deploy code to a production environment. While a DevOps pipeline can differ by organization, it typically includes build [automation/continuous integration](https://www.atlassian.com/continuous-delivery/continuous-integration), [automation testing](https://www.atlassian.com/continuous-delivery/software-testing), validation, and reporting. It may also include one or more manual gates that require human intervention before code is allowed to proceed.

Continuous is a differentiated characteristic of a DevOps pipeline. This includes continuous integration, [continuous delivery/deployment (CI/CD)](https://www.atlassian.com/continuous-delivery), continuous feedback, and continuous operations. Instead of one-off tests or scheduled deployments, each function occurs on an ongoing basis.