Simply put, DevOps is a combination of software development and operations—and as its name suggests, it's a melding of these two disciplines in order to emphasize communication, collaboration, and cohesion between the traditionally separate developer and IT operations teams.

the DevOps methodology recognizes the interdependence of the two groups. By integrating these functions as one team or department, DevOps helps an organization deploy software more frequently, while maintaining service stability and gaining the speed necessary for more innovation.

DevOps is a cultural, philosophical and organic approach toward automating workflow and getting products to market more efficiently and effectively.