

Why is **DevOps** a Good Investment for your Enterprise?

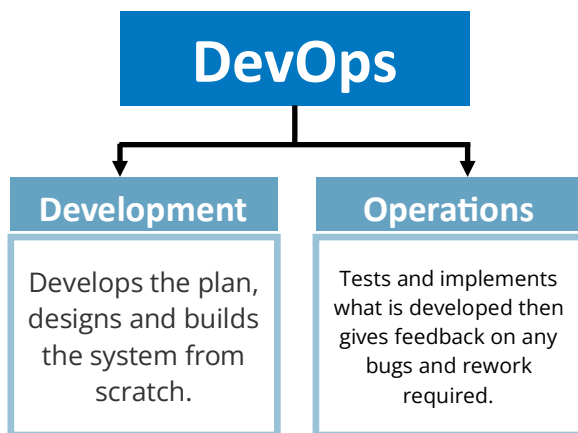


What is DevOps?

DEFINITION

DevOps is a term combined from the words Development and Operations which refers to an approach to tasks carried out by an organization's application development and IT operations teams. By adopting DevOps practices, teams become more adept at responding to customer needs, improve their productivity, and accomplish business goals more quickly.

Software development consists of two teams — development and operations team. Traditionally, these teams work in silos causing conflicts within processes and causing longer lead times.



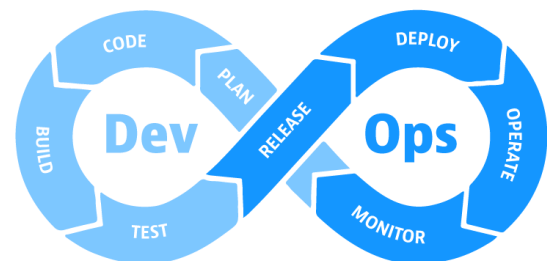
Without DevOps, the development team will be idle and waiting for feedback. Thus, delaying the entire software development cycle.

CHALLENGES

in software development

Uncoordinated tasks within the teams may cause various problems. These are some of the challenges in software development without DevOps:

- Changing demands from clients are not responded to immediately
- Late updates and fixes
- Employees become busier and discontent
- High Risk for errors
- Inadequate testing
- Delays in software delivery



Benefits of DevOps

1. AUTOMATION

Automations speed up detecting and correcting problems quickly and efficiently. With small and fast releases combined with automation saves more time and energy. Teams will have more time to solve other problems and innovate new solutions or ideas.

2. INCREASED RATE OF SOFTWARE DELIVERY

Timeliness in delivery is one of the key factors in achieving customer satisfaction.

3. IMPROVED PRODUCTIVITY

Through collaboration, teams are able to brainstorm and experiment. Increased engagement by team members provides ideas to improve. This also results in cooperative and happier teams when they produce outputs that may exceed expectations.

4. MINIMIZE COST OF PRODUCTION

Outputs with DevOps offer lower volume of defects which eliminates cost to solve those defects. It also provides lower cost of a release and investment. Minimized costs also allow the organization to lower charges to services.

5. GIVES A HUGE COMPETITIVE ADVANTAGE

To remain competitive in the market, an enterprise should be able to move faster with more precision, provide better products or services, or offer lower prices than your competitors. With DevOps, software performance is improved and outputs are produced quickly. Since customers also opt for lower expenses, companies using DevOps offer a huge competitive advantage.

6. CUSTOMER SATISFACTION

With DevOps, the process becomes more efficient and changing demands from clients can be responded to quickly. This increases customer satisfaction which, in return, results in customer loyalty.



CONCLUSION

Enterprises, as well as their employees and customers, benefit from DevOps both technologically and financially. DevOps makes faster product deliveries possible by integrating teams. In addition, errors are minimized with automation. By having a more efficient process than competitors, your enterprise can remain competitive in today's market.