Quora

Is DevOps agile?

Answer Log

Answer added by Dev Shah

DevOps vs Agile

Agile's founding principle is bringing Agility to Development. But, DevOps' founding principle is bringing Agility to both Development and Operations.

The important point to note is that, DevOps is not a replacement to Agile but yes, it is an improvement to the existing practice.

While Agile was a natural replacement to Waterfall model and other Scrum practices, DevOps is not a replacement. But, it is a direct successor to Agile.

Similar to how with time, practices get better; over time, Agile has also grown its challenges, and DevOps has turned out to be the more optimized practice.

In DevOps, the 'Dev' team, the 'Ops' team and 'QA' team are not independently working pieces of the gamut. But, they are 'one'.

Technical Differences Between DevOps vs Agile

Process Or Practices?

Agile development involves a set of practices such as: Agile Scrum & Agile Kanban.

DevOps involves a set of technical processes such as: Continuous Development, Continuous Integration (CI), Continuous Testing (CI), Continuous Deployment (CD) and Continuous Monitoring.

Key Focus Area?

Agile development focuses mainly on releasing quality software in a timely manner.

DevOps goes one step further. It focuses on guaranteeing quality software in a timely manner. Quality is guaranteed by Continuously Monitoring the software application after its deployment.

Release Cycles/ Development Sprints

Agile focuses on smaller release cycles with incremental software delivery.

DevOps focuses on smaller release cycles with incremental delivery & immediate feedback.

Who Gives Feedback?

In Agile, feedback is mostly given by customers.

In DevOps, feedback is mostly measured by the internal team (by using Continuous Monitoring tools).

Scope Of Work

Agile mainly focuses on working with Speed or Agility.

DevOps mainly focuses on achieving automation by orchestrating various DevOps tools.

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