

[Infographic] What is DevOps? DevOps's impact

DevOps is a term for activities that are combined from two stages of development and operation, to optimize the software development cycle.

DevOps is a term that refers to activities that are combined from two stages of development (DEvelopment) and operation (OPERationS), to optimize the software development cycle, enabling IT products to be born quickly and regularly. , and more reliable. Please follow the infographic that Quantrimang summarizes below about DevOps's impact on modern businesses.



DEVOPS? LA GI

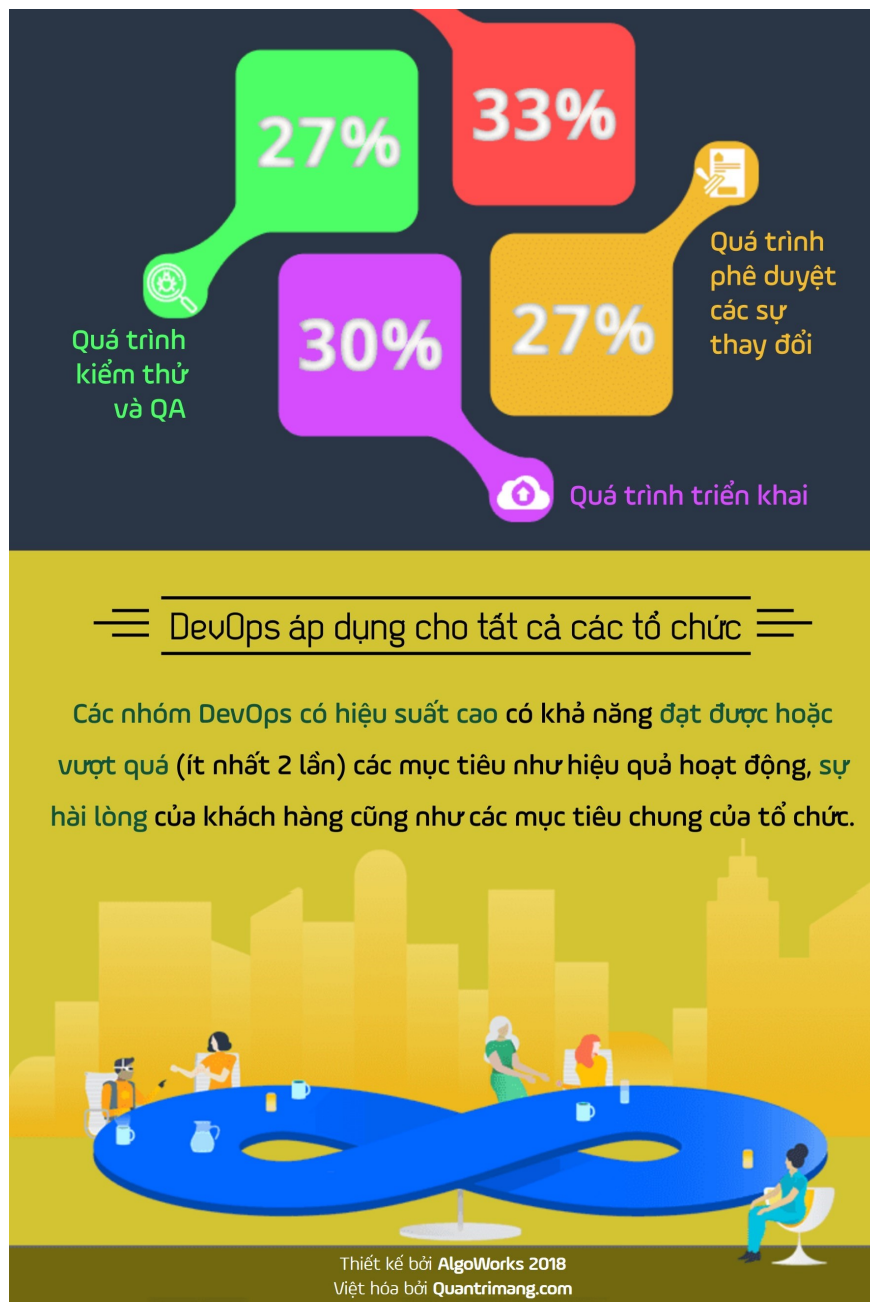
Là một phương pháp phát triển phần mềm để cao sự hợp tác, giao tiếp và kết hợp giữa các nhà phát triển và các chuyên gia vận hành

Đây là một môi trường thúc đẩy chéo, chia sẻ các nhiệm vụ nhằm tối ưu hóa chu trình phát triển phần mềm, giúp sản phẩm IT ra đời nhanh chóng, thường xuyên, và đáng tin cậy hơn.

Tại sao các Tổ chức lại cần đến DevOps?



Các nhóm DevOps hiệu suất cao



What is DevOps?

Is a software development method that promotes collaboration, communication and collaboration between developers and operating professionals.

This is a cross-platform environment, sharing tasks to optimize the software development cycle, enabling IT products to be launched quickly, regularly, and more reliably.

Why do Organizations need DevOps?

1. The development team and operation team will cooperate better.
2. Improve deployment on different platforms.
3. Increasing pressure to produce products more quickly to meet customer needs.

4. Improve the experience for end users.
5. Exploiting more and more mobile devices being used.
6. Improve the development and deployment of cloud applications.
7. Works better in complex IT infrastructure (physical, virtual, cloud .).

DevOps high performance teams deploy more and faster

1. The code is deployed more frequently (about 46 times more traditionally), many times a day instead of once a week or less.
2. The implementation time is 440 times faster than the idea to deploy. That means that the high-performance team has time to do just about an hour instead of more than a week.

DevOps high performance groups are less likely to fail and have higher resiliency

1. High-performance DevOps groups can recover 96 times faster from failures. That means resilience in less than an hour instead of a few days.
2. The failure rate due to time changes is 5 times lower. This means that high-performance groups face failure due to changing only about 7.5% instead of 38.5% as regular groups.

High-performance DevOps groups love to automate processes

Processes that have so far been manual and slow have adopted practical measures to automate.

1. Configuration management techniques
2. Testing process and QA
3. Implementation process
4. Approval process for changes

DevOps applies to all organizations

DevOps teams with high performance are able to achieve or exceed (at least twice) goals such as performance, customer satisfaction, and overall organizational goals.

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