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# Why should I adopt DevOps at my company?

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Even though DevOps is a term that appeared roughly 10 years ago, it is still treated by some of the companies as a buzzword. We don't see anything bad about this, but it is very important to know what DevOps was meant to be, and how it can help you.

Any company in our world right now is in some way a technology company. The technological world nowadays is very competitive and it is important for organisations to make sure that they ship changes to their apps/websites/products (pick any) faster, they can experiment together with marketing to see which ideas work and which ones don't and quickly adapt to the business world and satisfy the end-users.

If you are a startup - you are probably even more sensitive about having these capabilities. Does anything we said yet relate to your business?





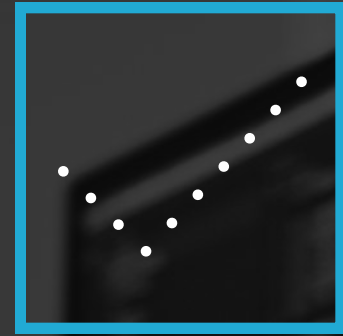
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Let's try to shed more light on DevOps and how you can either adopt this methodology or review everything you have at this moment and make sure that you are taking as much as you can from it. DevOps Adoption Checklist: Is Your Company Ready? Let's talk business

Even if you are a non-technical business leader, you understand that given the rate at which technology is evolving, developing better, quicker, and more inventive solutions is a must. If this is not accomplished, even long-term consumers will seek it elsewhere. The challenge is how traditional service providers can successfully use this DevOps model. So, let's start testing your readiness.







# Business Continuity (MTTR)



Your business's ability to continue operating depends on having an effective technical team with reliable automation and monitoring technologies that can work in the most demanding regulatory and competitive conditions.

Simply saying, mark this checkbox if you can relate to this thought - “I’m not afraid of downtimes, and am sure that our technical team can resolve the issues quickly if they arise”

Many leaders are afraid about having any issues on production, but it’s not about having no downtimes, it’s about having a minimum number of them and having processes in place to cope with them and resolve them quickly.

Go ahead and ask your CTO if you measure MTTR (mean time to recovery)



# Time To Market (lead time) →

Time-to-market (TTM) is crucial in all sectors where products quickly become outdated, as is the case for businesses developing web apps, SaaS, or PaaS solutions. Counting the days between the conception of a feature and the deployment of the stable version, including the feature in production, is one of the simplest methods for monitoring time-to-market to understand the current situation and make improvements.

Agile approaches and the DevOps culture encourage working in sprints to reduce time-to-market. As a result, DevOps automates routine jobs and continuous integration and runs tests on demand.

Mark this checkbox if you had more than 2 releases to production in the past month.

In any DevOps article you may see that companies like amazon or etsy - have tens of deployments per day, but it shouldn't be the case for most of the companies, simply because of the budget that is spent on development of these companies. Having 2-4 releases per month with small amount of bug fixes is a healthy DevOps basis you can build your product on.





# Customer-Centric Culture



Understanding what the consumer wants from the product is essential to creating a customer-oriented culture rather than using a product-centric strategy to compete. Don't just create your product utilizing new technology; try to make it the best possible from the customer's perspective because, in the end, the customer is what matters. Mark this checkbox if you try out new client-hypothesis (A/B testing) at least once every 2 months.

You may think that just 3 checkboxes may be too small to understand the health situation about DevOps from a business standpoint, well - we have another checklist specifically for non-technical business owners - that emerges from these 3 checkboxes.



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Let's go technical



# Readiness to change and experiment (+KPIs) →

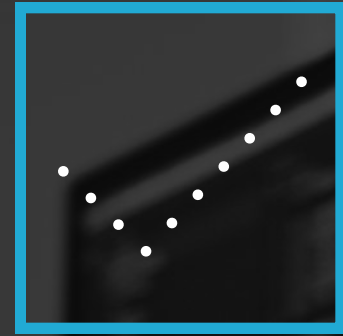
This is the combination of 2nd and 3rd ways of DevOps. Feedback and continued experimentation. In order to see how everything goes in terms of application delivery speed, quality, and performance, the team should choose a suitable set of metrics, including

- Deployment frequency
- Change volume
- Deployment time
- Lead time
- Customer tickets
- Application performance
- Defect escape rate
- Availability
- Service level agreements
- Failed deployments
- Error rates
- Application usage and traffic
- The automated test pass percentage

Businesses may provide a great end-user experience by carefully monitoring the KPIs above, which will ensure higher efficiency throughout the whole life cycle of the application.

But you must tick this checkbox if you can honestly answer to yourself that you are not afraid to have bigger numbers in failed deployments or error rates. It can happen sometimes, but what is important - are the actions that you try to do to learn based on existed issues and make sure that they won't appear at all, or will appear less frequently over time





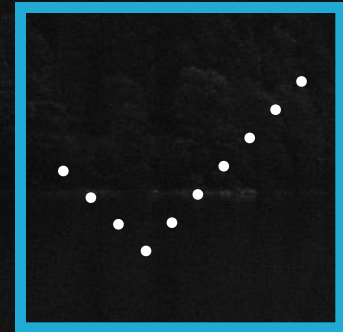
# Cross-Functional Team to Lead the Change → (Silos)

The rise of self-directed cross-functional teams has always impacted organizational structures and decision-making processes. Therefore, be sure to have a multidisciplinary team with diverse skills.

How many times have you seen a development team send code for a staging environment and had to wait for the QA team to find something? This is not a problem, but the problem happens when a team finds bugs, then the development team says “it works on my machine”, and so on. This creates imaginary walls between your departments and it’s better to find some goal that will allow dev, qa, infosec and other engineers to work together, rather than trying to send tickets to each other from time to time to deal with their own problems.

Mark this checkbox if you don’t have such silos





# Alignment with Business Goals →

This one is a logical addition to the previous one. Inform your team about the organization's goals. Align your employees to work together, exchange ideas, build, and iterate toward a shared goal because if your team is dispersed and focusing on separate things, it will affect project schedules and eventually slow down business growth.

Mark this checkbox if you clarified the goal to your teams and you know for sure that they understand what end-goal they are working for.



# Adopting DevOps: 6 Key Steps

01



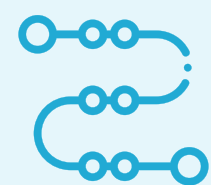
Be brave and curious about changes

02



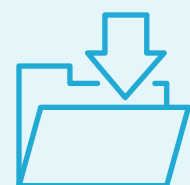
Establish a clear goal

03



Set a timeline

04



Collect necessary resources and feedbacks

05



Create metrics and measure the starting point

06



Get the entire company on board

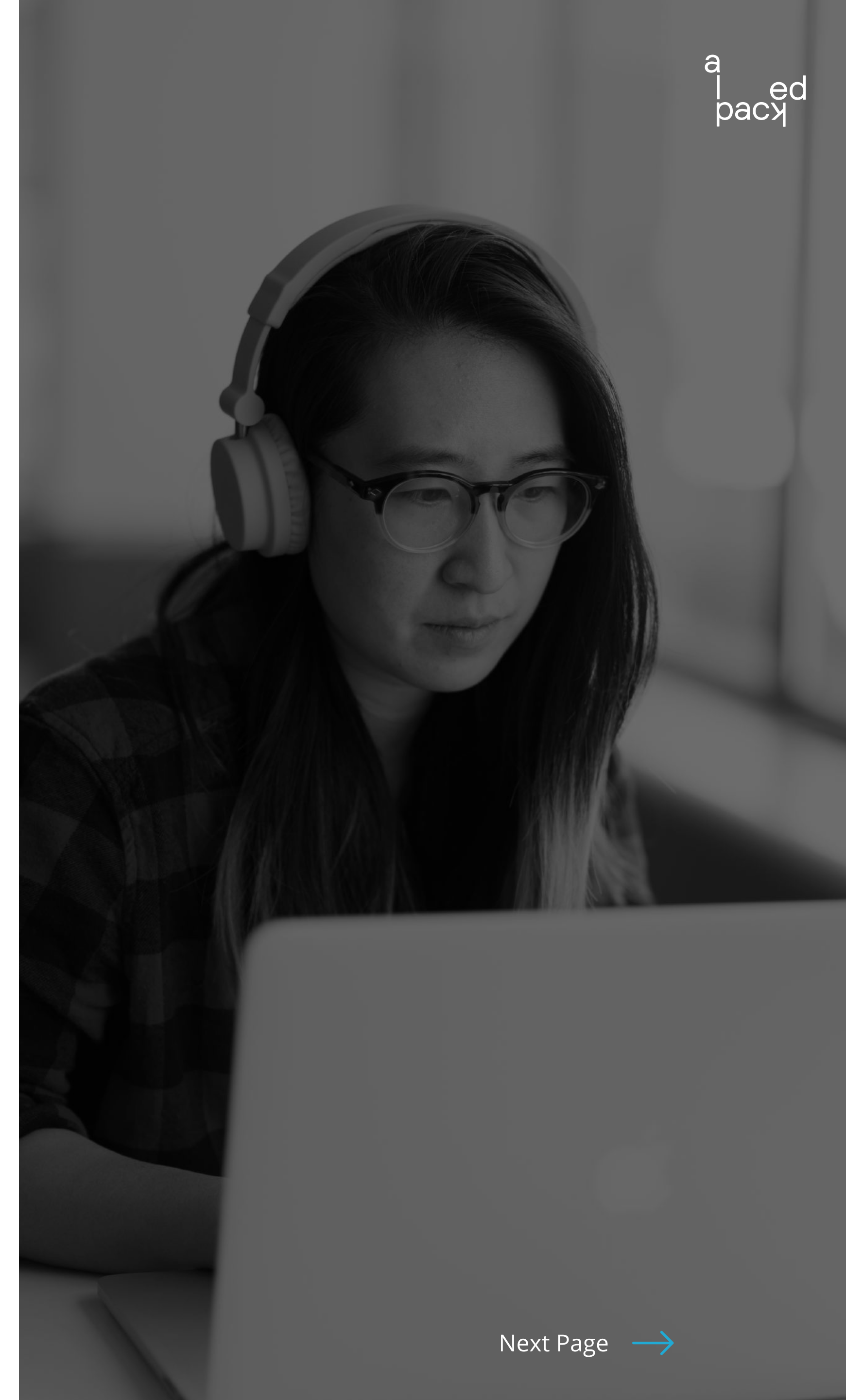
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# Final Assessment

By implementing the essential principles, automation tools, and organizational and cultural changes that foster innovation through quick experimentation, DevOps helps create high-value applications and systems with velocity and agility.

This checklist might help you start by considering the many strategies you can use in your business to enjoy the advantages of DevOps methods.

By combining development, QA, and operations, DevOps enables your company to keep both. The problems of enterprise-level DevOps are unique, but with a minor change in viewpoint, your company may stay one step ahead of the competition while keeping costs, risks, and quality in check.







# About Alpacked

Alpacked is a DevOps firm that offers a wide range of end-to-end services, from consultancy to managed services. We believe that excellent quality and extensive experience allow for stronger outcomes and a faster return on IT expenditure.

Our team of top-tier DevOps professionals has extensive expertise not only in cutting-edge technology but also in team building and executing DevOps techniques from the ground up.

## Why Alpacked?

**TOP**

DevOps experts

**100+**

Successful projects

**10+**

Security audits passed  
in the past year

Completely custom  
business discovery

Clients from  
15+ countries

Deep expertise in  
dozens of technologies