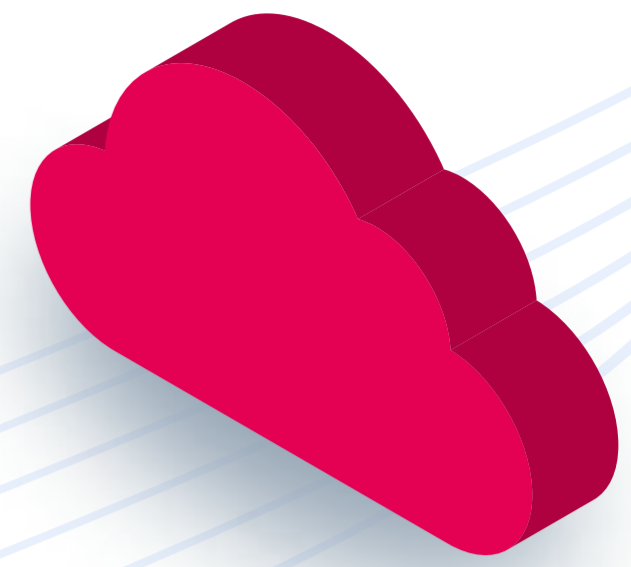# Use Cases

The world is rapidly marching towards the cloud. If two years ago only 30% of companies used the cloud environments in their production, in 2021 this number rose to 60%.

So increased the expectations from a DevOps engineer. Now companies are looking to hire DevOps talent that can effectively deal with multiple DevOps issues, such as Kubernetes, CI/CD, security, and more to oversee the entire ecosystem and control all Ops processes. The problem is that it's almost impossible to find people with expertise in so many DevOps domains, and if you do find the right people, be ready to pay a high price for their services. Is there a way to spend less for the job?

Yes, when you use Simloud. Our solution provides DevOps as a Service SaaS automation, assisting its users through the full DevOp cycle from Onboarding to Ongoing (maintenance & cost reduction).

Typical Supported Use Cases

1. Simloud IDP - Internal Development Platform:
   Simloud creates production-like environments that simplify your development environments enabling governance and visibility, low complexity, fast-release cycles for applications, and high security. The immediate outcome is reduced expenses and high deployment frequency.

2. App migration to AWS:
   The SaaS solution enables companies to migrate their applications to AWS by automating the entire cloud Microservices cycle in mere hours: infrastructure creation, CI/CD, centralized monitoring, and centralized logging, service management, cost estimation & savings, and troubleshooting. The platform's comprehensive dashboard enables full visibility and management over the entire cloud infrastructure and services.

3. Cloud modernization:
   Companies that wish to migrate from a VM-based environment to a microservice-based environment. Depending on the environment, Simloud can migrate such clients within a few hours up to a week.

4. Cloud to cloud migration:
   The SaaS solution facilitates companies' migration from other cloud vendors (e.g., Azure, GCP) to AWS cloud. Depending on the environment, the platform can migrate such clients within a few hours, up to a week. Note that GCP and Azure clouds support is planned for 2022 – stay tuned!

5. Cloud cost reduction:
   The platform is instrumental in helping companies reduce the costs associated with using cloud resources for Development or Testing. By serving as an automation tool that reduces time to market and associated labor costs, as well as by allowing for environment hibernation and providing a full environment and ON & OFF manual setup, based on the schedule or individual decisions, the solution enables companies to cut costs, without cutting down in performance.

6. DevOps enhancement:
   The SaaS solution is key in helping companies achieve DevOps enhancement, such as Security (VPN & Vault), CI/CD, and Monitoring, over their current cloud infrastructure, with minimal adjustments. The platform provides companies with these enhancements within less than 20 minutes.

*Companies can be startups/SMB/Enterprise