

CASE STUDY

Helping AB Tasty achieve compliance, gain visibility, and build security into development

AB Tasty

Challenges

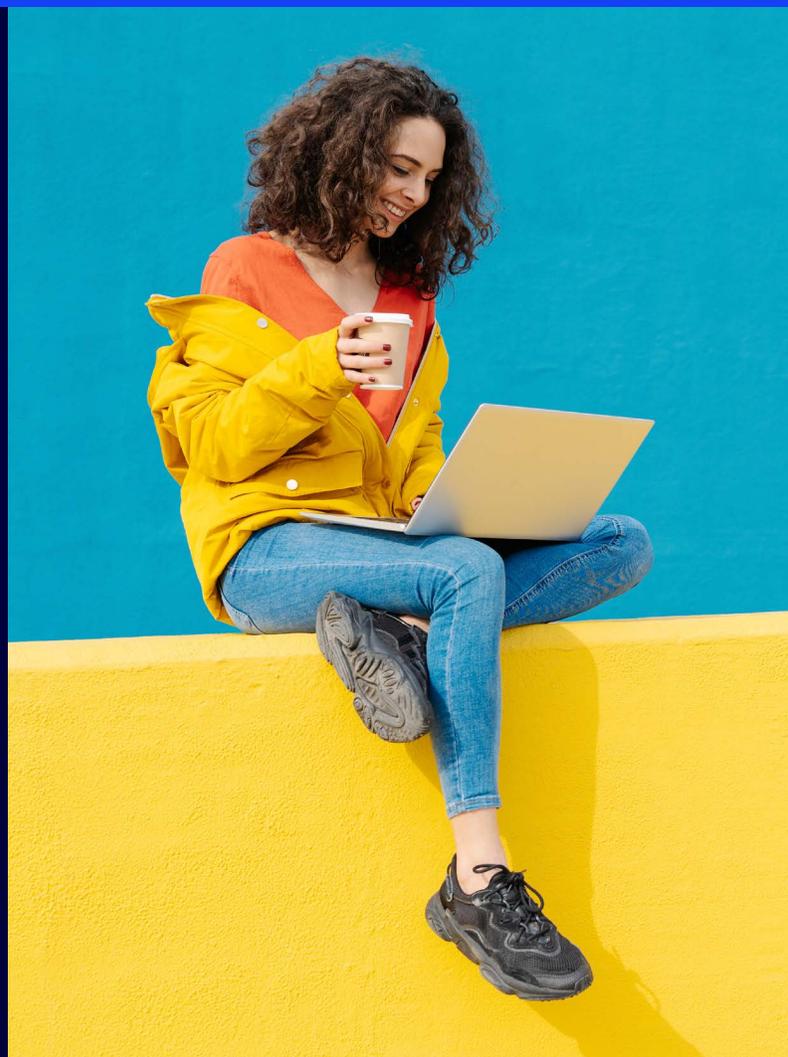
- Unify security controls and visibility across AWS and Google Cloud
- Improve compliance of AWS environment
- Gain deep visibility into containerized infrastructure

Solutions

- Easily plugged Lacework into infrastructure during deployment
- Used almost every aspect of the platform during trial period
- Gained ability to address every issue from centralized place

Results

- Significantly improved AWS compliance in two months
- Grew business value and achieved visibility while preparing for SOC 2 compliance
- Built security into the development process
- Averaged less than one alert per day





“It was so easy to plug Lacework into our infrastructure and we used almost every aspect of the platform during the trial period, so it was natural for us to keep going when the trial was over.”

**NABIL MISSOUM, DEVSECOPS ENGINEER,
AB TASTY**

About AB Tasty

AB Tasty is a global leader revolutionizing brand and product experiences. They offer feature management, experimentation, and personalization solutions that accelerate and optimize idea-to-release cycles — enabling companies to validate ideas, maximize impact, minimize risk, and accelerate time to market. AB Tasty’s client-side, server-side, and feature management solutions (Flagship) align marketing, product, and engineering teams to ensure increased efficiency, reduced costs, and optimal end-user experiences.

AB Tasty’s DevSecOps team manages everything cloud-related, including their Amazon Web Services (AWS) and Google Cloud infrastructure. The team includes Nabil Missoum, a DevSecOps engineer, who notes, “We are in charge of every cloud, every cluster, and everything related to security.”

All told, they have eight clusters and about 400 containers. Their primary platform is Google Cloud, where they use a number of services to collect data and have 100-200 containers per cluster. Meanwhile, on AWS, they work with Kubernetes and an application programming interface (API) database. Their feature management platform, Flagship, is completely installed on AWS with many serverless components.

Challenges

Before they found Lacework, AB Tasty was using a number of different security solutions. “We would need to combine three different security solutions together to get the right coverage across Kubernetes, Google Cloud, and AWS: one solution for each,” says Missoum. But managing this number of tools had become overwhelming, and AB Tasty’s DevSecOps team decided it was time to adopt a more efficient system. “We needed a platform that could centralize every aspect of our security approach,” says Missoum. “And we wanted something very easy to use.”

Their desire to find a new solution was also driven by the acceleration of compliance requirements. “Whereas last year we met ISO compliance for one AWS account, now we want to add more compliance to our platforms, including SOC 2,” says Missoum. “We wanted a tool to take us to the next level.”

Solution

When AB Tasty deployed the Lacework platform, they found that it met their requirements almost instantly. For one, it was easy to learn and simple to use.

“We plugged everything we could into the platform, including the cloud agents and the Kubernetes cluster, and then we were ready to go,” recalls Missoum. “It was so easy to plug Lacework into our infrastructure and we used almost every aspect of the platform during the trial period, so it was natural for us to keep going when the trial was over.”

Missoum also appreciates how Lacework integrates with other tools they were using. “The documentation is very clear,” he says. “For example, I did everything on TerraForm, so it was easy to plug in the Kubernetes components.” In addition, says Missoum, “there was excellent assistance from the team at Lacework, which made it even easier to implement. Lacework automatically learned how our infrastructure worked and started providing insights within hours.”

Ultimately, their decision to purchase Lacework was as easy as using the platform itself. “Lacework adds great value to our infrastructure,” says Missoum. “We can use it to track everything regarding security. When something isn’t normal, we get an email and we can go in and fix it. We have a centralized place where we can address every issue.”

Results

Centralization and consolidation

The DevSecOps team at AB Tasty loves how Lacework centralizes their security process and cuts down on the number of tools they need. “Lacework has a platform that offers visibility into all of our clusters,” says Missoum. “Sometimes, you need three or four tools to get insight into your infrastructure’s security compliance, but with Lacework, we have everything in one place.”

With the patented Polygraph® technology by Lacework, AB Tasty’s DevSecOps team can see when a new, unknown connection tries to connect to their cluster, as well as which containers are talking to each other. “Polygraph® gives us a comprehensive view of our cluster, which is very useful,” says Missoum. “Centralizing the view of our cloud environment in the Lacework platform has been integral to our efficient development and security.”

Building in security

Lacework has enabled AB Tasty to strengthen and streamline their security practice. For the DevSecOps engineers, compliance and security have gone hand in hand. “Now that we use Lacework, I do the compliance part immediately after building a new service on our platform,” says Missoum. “For example, when I create a new S3 bucket on AWS, I try to incorporate everything regarding compliance in the buckets themselves to make sure that our infrastructure is secure.”

Baking in security from the start means that AB Tasty can innovate with greater safety than before. “We used to build the infrastructure and add security at the end, which is a mistake, because it’s very hard to modify the security part when the project is launched,” Missoum says. “Lacework enables us to build security in from the beginning, which is a really good best practice to have.”

Ramping up compliance

Currently, the DevSecOps team at AB Tasty is working on their SOC 2 certification. “We’re making our infrastructure compliant for our projects and getting the necessary visibility,” says Missoum. “When it comes time for the compliance check, we will be ready. Achieving SOC 2 will give us great business value.”

Since deploying Lacework, AB Tasty has ramped up their AWS compliance significantly. “Within just two months of using Lacework, we significantly improved compliance across our environment,” says Missoum. “Lacework has had a huge impact on our compliance posture.” Increasing compliance can be a time-consuming process due to all the checks involved to ensure security, but AB Tasty is confident that Lacework can help them continue to reach their compliance goals. “The next goal is to be 100% compliant,” says Missoum. By continuing their partnership with Lacework, they hope to achieve this benchmark shortly.

Find out more at lacework.com



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