



CASE STUDY

Overview

JFrog delivers impactful learning experiences in Google Cloud with the help of Spektra Systems' CloudLabs platform

JFrog Ltd. Is powering all the world's software updates, driven by a "Liquid Software" vision to allow the seamless, secure, fearless flow of binaries from developers to the edge. The JFrog DevOps Platform enables software creators, so they can build, secure, distribute, and connect any source with any production environment. JFrog organizes live hands-on workshops regularly to enable quality learning experiences of their products and their integration with cloud platforms including AWS, Google Cloud, and Azure.

Challenge

Providing Cloud-based Virtual Labs for JFrog's workshop on Google Cloud

Enabling users to leverage using the latest JFrog technologies has been one of the building blocks for success. With plans for JFrog specialized workshop on Google Cloud, it was important to JFrog to provide attendees with access to specific technologies quickly and very efficiently without dealing with complexities surrounding cloud trials. The lab environment needed to be easily accessible and require no training to get started.



JFrog also needed a reliable virtual hands-on lab platform that is flexible enough to showcase their product capabilities in a Google Cloud environment. The workshop revolved around how to securely deploy docker container images in a hybrid configuration spanning on-premises and public cloud. This needed specific configuration pre-requisites, acquiring several Google Cloud accounts, cost monitoring based on actual usage, and lab-validation process, all of which were time-consuming.



Solution

Fast, Convenient, and Cost-Effective

CloudLabs worked with JFrog to deliver seamless workshop on Google Cloud and offered pronged solutions to address the challenges:

1. Easy allocation of Google Cloud environments

CloudLabs Team was quick to acquire and set up the required pre-requisites to run JFrog workshop, which included creating Google Cloud account for each attendee.

2. Keeping costs under control

CloudLabs deployed labs for JFrog and provided access to hands-on lab environment for the attendees for 24 hours. These were managed lab environments, that further optimized cost.

3. Providing a consistent environment for attendees

CloudLabs delivered Google Cloud lab environments with the required configuration specified by JFrog Ltd. These labs were fully tested, accessible from anywhere, and ready to deploy at a click of a button.

4. Flexible Functionality with Automation

CloudLabs enabled JFrog administrators and instructors to use Google Cloud lab environments with ease and flexibility. Platform's automation capabilities allowed JFrog to seamlessly organize workshops without worrying about scalability.

5. Report and Monitor Progress Swiftly

CloudLabs' integrated features made monitoring lab usage easy. Instructors could connect to the attendee virtual machine in seconds and perform real-time monitoring to resolve queries.

5. End-to-end 24/7 Support

CloudLabs delivered a seamless and hassle-free experience with a dedicated team of experts to offer real-time support during and post the workshop.

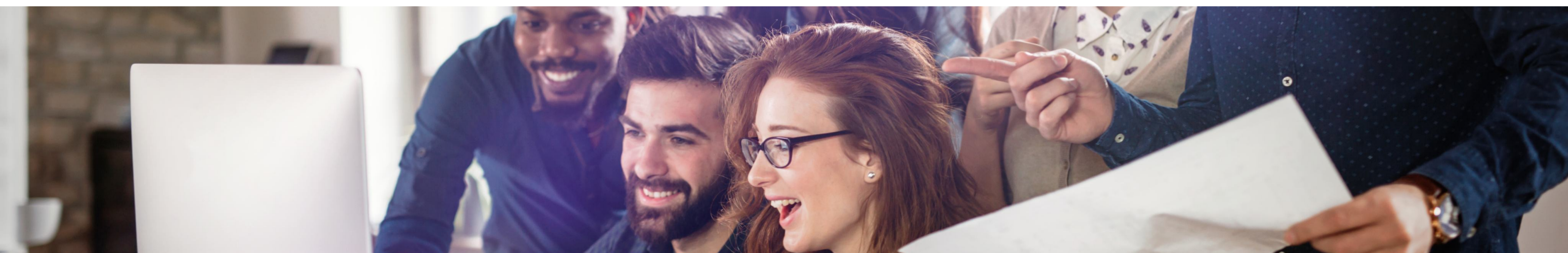
Result

Since the commencement of the collaboration between CloudLabs, and JFrog for effective workshop delivery, the latter has been able to demonstrate the use cases of their technology integration with Google Cloud. Leveraging CloudLabs platform, JFrog was able to train users and showcase their features through hands-on lab environment.

Additional benefits to JFrog include:

- Ability to quickly scale, handle requests on-the-go and conduct a scalable workshop event
- Maintenance free and IT-independent infrastructure
- Greater accessibility and performance readability, regardless of trainer and trainee location
- ncreased ROI through better utilization of staff and resources, and improved efficiencies.

CloudLabs also provided the JFrog instructors with visibility into what trainees are doing, let instructors jump in and offer assistance when needed. Shadow lab capabilities offer additional insights into each lab, enabling increased program efficiency.



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