

ShareChat chooses Signadot, giving devs high quality testing feedback enabling faster time-to-market

ShareChat needed a reliable integration testing solution that could scale with their growing development team without runaway infrastructure costs

THE CHALLENGE

ShareChat is an Indian social media startup that caters to over 1 billion wireless network users. It offers a content consumption and sharing platform in 15 vernacular Indian languages.

ShareChat has an engineering team of more than 300 members and manages over 100 microservices running on Kubernetes. They needed a way to test every feature independently before merging to production. They wanted a separate environment similar to staging to integration test their microservices and ensure that API contracts weren't broken.

Knowing the cost and development effort required to build a testing solution in-house, ShareChat was looking for a turnkey solution that could easily integrate into their existing architecture.

THE SOLUTION

Signadot's approach to ephemeral environments ultimately drove ShareChat to purchase Signadot as it allowed them to automate integration testing in their staging environment for 100+ microservices. They also didn't have to worry about runaway infrastructure costs or operational burden.



Challenges

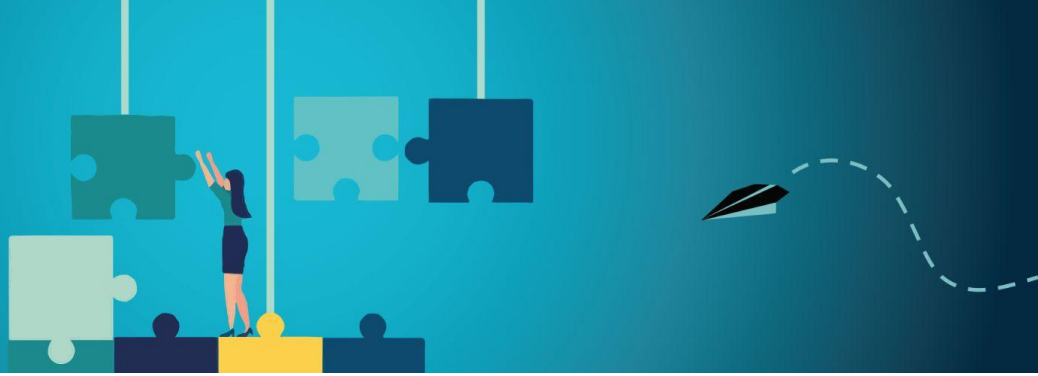
- Needed a way to test every feature independently before releasing to production
- Wanted a separate environment to integration test their microservices and ensure that API contracts weren't broken.

Solution

- Signadot allowed ShareChat to run concurrent integration tests with all dependencies in their staging environment
- Integrated Signadot into their CI tool to automate integration testing for every PR

Results

- Developers have much more confidence in what they are deploying
- More frequent deployments while minimizing rollbacks and decreasing issues in production.



ShareChat integrated Signadot into their CI tool to automate integration testing for every PR. Developers were also able to write integration tests using their framework of choice running on Sandbox Environments.

“Without Signadot developers were experiencing frequent rollbacks of code, due to issues discovered late, in the staging environment. Developers have much more confidence in what they are deploying, resulting in fewer breaks on production.”

-Devarshi Khanna, Backend Developer, ShareChat

“Signadot helps ShareChat to set up an extremely efficient rollout of an end-to-end integration test environment and allows developers to test for backward compatibility without having to worry about maintaining various versions of their services.”

Harshal Vora, Sr. Engineering Manager, ShareChat

THE RESULTS

By adding Signadot to their deployment and review pipeline, ShareChat is able to spin up a Sandbox for every PR for developers to test their features independently. Developers are now able to self identify errors and fix them before deploying to production.

Automated integration testing with Signadot has led to more frequent deployments while minimizing rollbacks and decreasing issues in production.

About Sharechat

ShareChat launched in October 2015 as an inclusive community that encourages and empowers each individual to share their unique journey and valuable experiences with confidence. With over 160 million monthly active users, ShareChat enables the community to share their opinions, record their lives and make new friends. Learn more at: <https://sharechat.com/>

About Signadot

Signadot is a Kubernetes native platform that provides ephemeral environments, called Sandboxes. Unlike traditional environments, Sandboxes use application level multi-tenancy to share resources while ensuring isolation. This allows engineering teams to create thousands of environments within a single Kubernetes cluster without runaway infrastructure costs or operational burden. Learn more at: <https://www.signadot.com/>

Get started for Free

Learn more at Signadot.com