⬡ Solution

Signature® International Modernization on IBM Hybrid Cloud with Red Hat OpenShift

In line with continuous innovation for our customers, the Signature team at Fiserv is working with IBM to provide a flexible roadmap to include Signature cloud-native workloads on Red Hat® OpenShift®. These will run natively on IBM's latest Power10 processor-based servers, which host the Signature core banking solution.
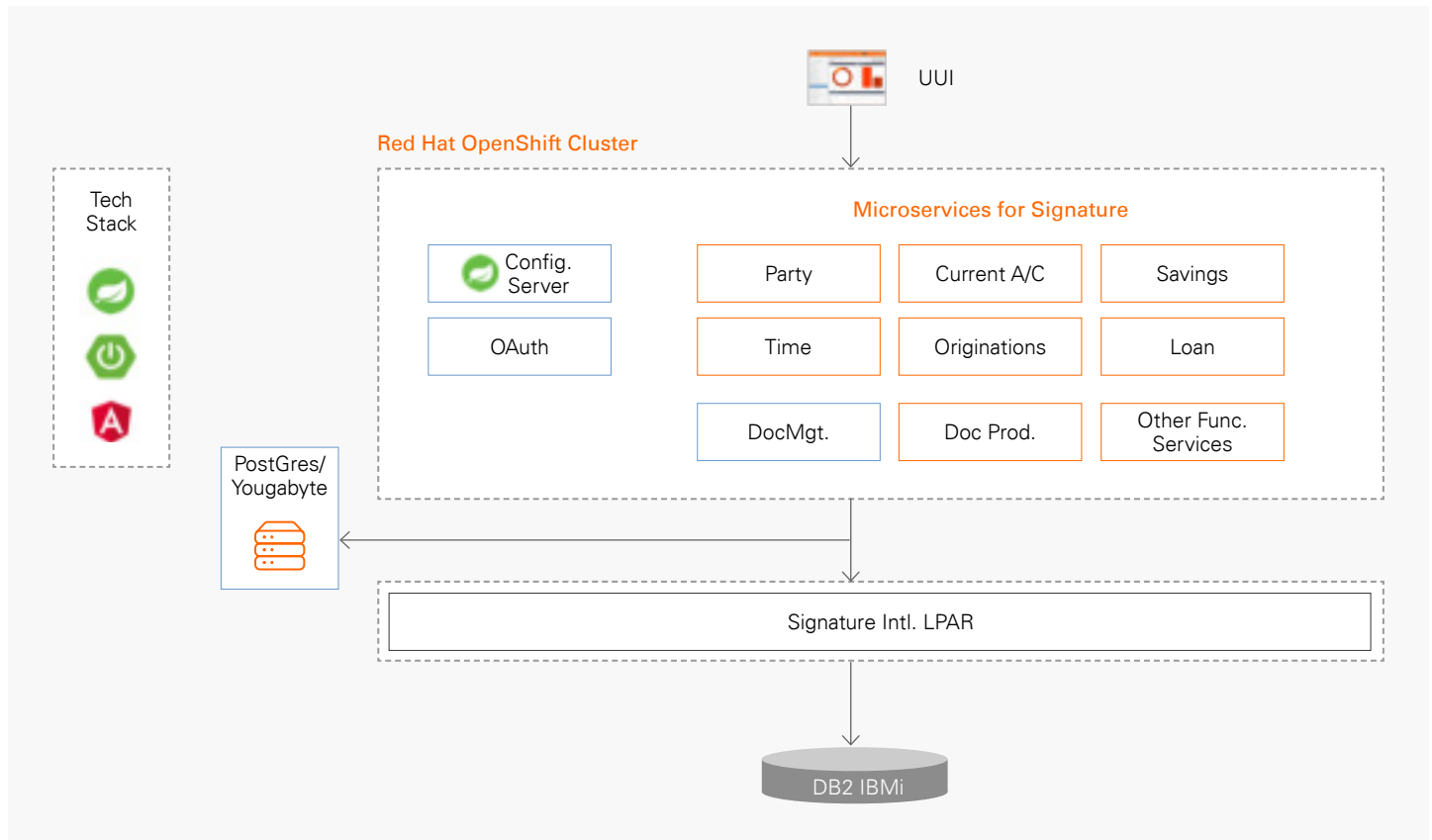
By consolidating existing Signature workloads and adding new, cloud-native microservices on the IBM Power® platform, clients can accelerate application modernization to deliver agile and ground-breaking Fiserv services to their customers on private or hybrid cloud service deployments.

By taking advantage of incremental, in-place modernization, clients are able to add new Red Hat OpenShift-based services provisioned as containers on the same IBM Power environment, which also runs traditional applications on IBM i virtual machines.

This provides an accelerated path to cloud modernization by leveraging existing unused or unassigned resources on IBM Power for Signature microservices. By running a mix of virtual machines container microservices on the same IBM Power platform, the productive utilization of the servers is maximized.

Clients can also expect improved scaling performance, and can repurpose the integrated hardware and system software security profiles that they are already using in production. This will help reduce the effort and cost involved in modernization, eliminating the need to rip and replace systems to achieve new cloud capabilities.

@ the speed of life

Testing Results for Signature on Red Hat OpenShift

For performance benchmarks we tested Microservices and Signature. Load was generated from virtual machines using JMeter and sent to the REST APIs. A select set of the REST APIs was used, providing a mix of service requests in order to generate the load.

Initial results: Our testing so far has achieved 19,000 transactions per second (TPS). Fine tuning is now taking place to determine if we can increase the TPS further.

Partnership for Performance

Fiserv continues to collaborate with IBM and Red Hat on Performance and Optimization of its set of latest technologies in order to deliver superior solutions to our commercial and retail-focused banking clients. Because of this ongoing collaboration, your organization will be able to introduce new services, deliver value and meet the evolving demand for the hyper-personalization of customer experiences in banking, today and in the future.

Connect With Us

For more information about Signature Modernization on IBM Hybrid Cloud: 800-872-7882 getsolutions@fiserv.com

Fiserv is driving innovation in Payments, Processing Services, Risk & Compliance, Customer & Channel Management and Insights & Optimization. Our solutions help clients deliver financial services at the speed of life to enhance the way people live and work today. Visit **fiserv.com** to learn more.

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