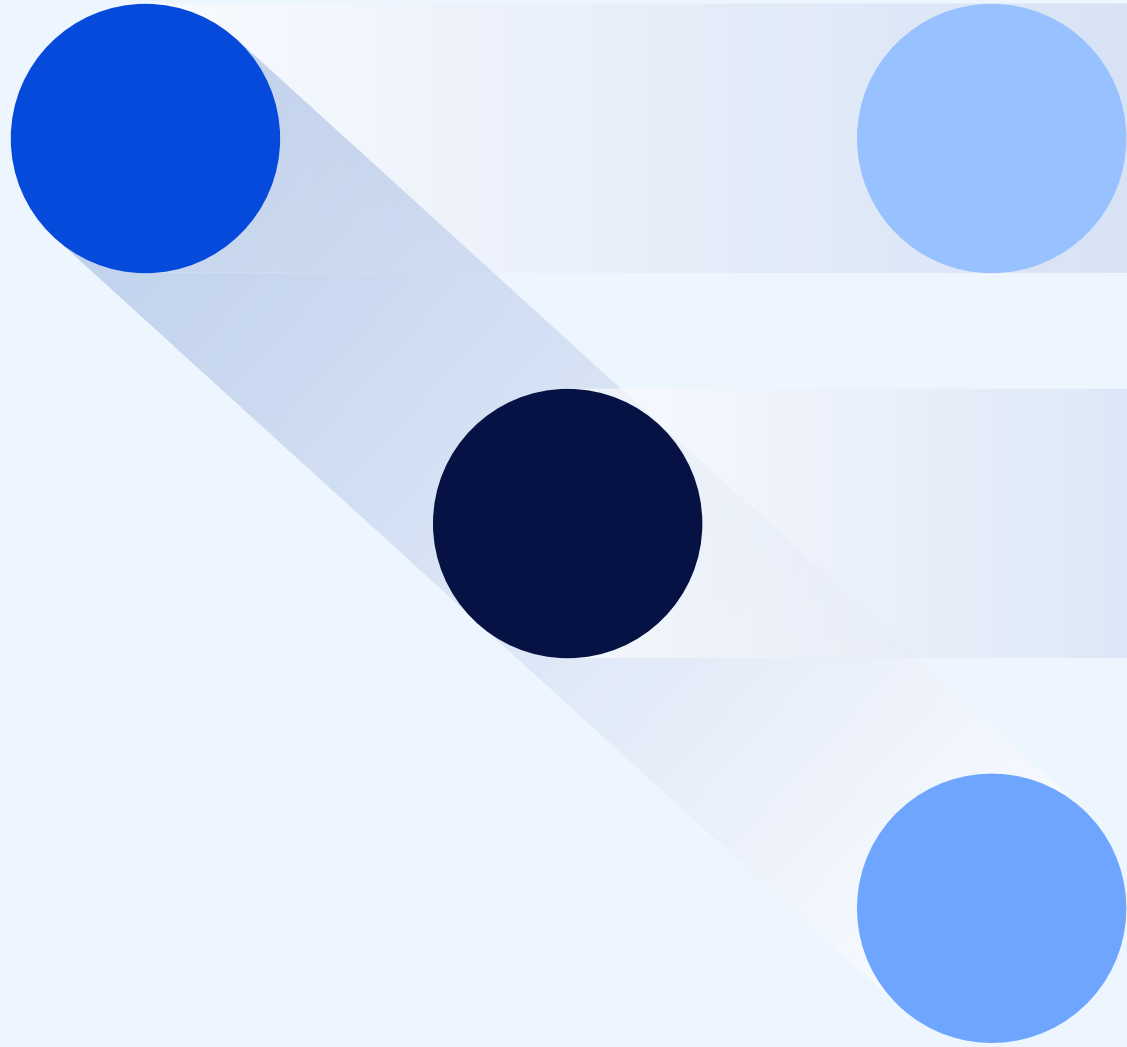


IBM Cloud Satellite™

# Securely innovating customer experience in financial services

This architecture diagram explains how IBM Cloud Satellite services provide a cloud-based solution for LendMore, a multinational bank.

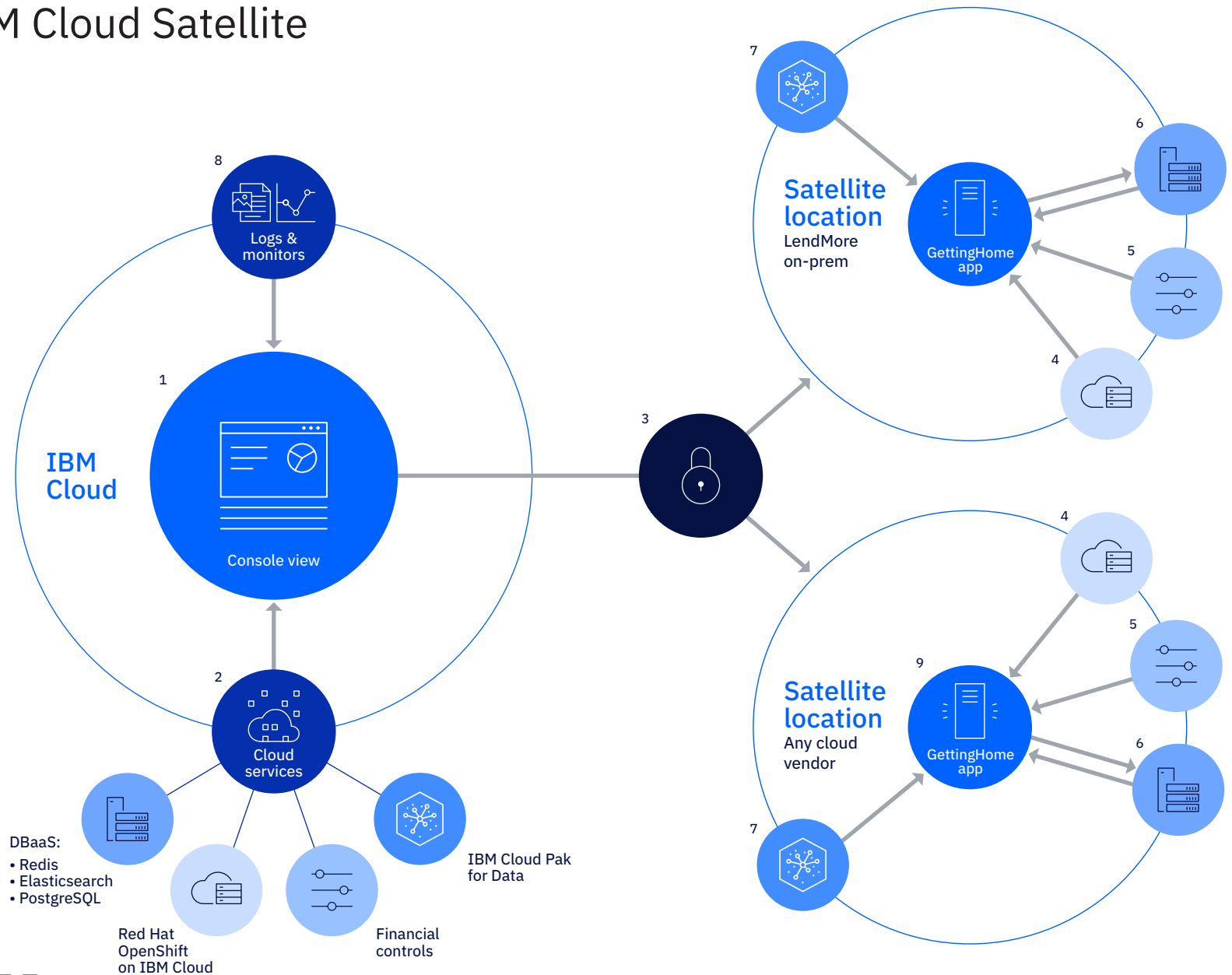
As they expand regionally, LendMore wanted to build relationships with their customers that extend beyond one-time loan transactions. Their strategic plan was to personalize the user experience of GettingHome, which customers currently use to apply for home loans. By analyzing real estate, community satisfaction surveys, and their own customer data, and by building partnerships with local businesses, LendMore now delivers relevant life-style information and offers from featured partners within their app. Managing security compliance with financial regulations was their primary obstacle in expanding the business with cloud services.



*While this is a real case study, LendMore is a pseudonym.*



# IBM Cloud Satellite



- 1 A single console view from which Satellite locations are defined, services are provisioned, and where deployed services and applications are monitored and managed.
- 2 IBM SRE teams maintain all IBM Cloud services. In simply consuming them, LendMore teams innovate and deliver their app updates faster.
- 3 Satellite Link tunnels securely connect locations. A DirectLink is also available for network security that entirely bypasses the internet.
- 4 LendMore uses Red Hat OpenShift on IBM Cloud, a Satellite service, as the container orchestration platform on which to develop and deliver the GettingHome app.
- 5 Satellite services have financial controls built-in, helping LendMore reduce risk as they modernize.
- 6 GettingHome relies on Redis, Elasticsearch, and PostgreSQL databases to handle cached, full text search and transaction data in delivering personalized user experiences.
- 7 Cloud Pak for Data tools enable LendMore to produce insights from GettingHome data where it lives, enabling personalized app experiences.
- 8 Log data coming from deployed services and applications in all Satellite locations roll up to the single console view.
- 9 All cloud services and tools needed to run GettingHome in any Satellite location, including on different vendor clouds, and across regions, are consistently deployed and maintained.

