

# Private cloud deployment (IaaS and PaaS) for one of the largest banking groups in the Middle East in terms of assets

## Challenges

- Private cloud deployment for Infrastructure As A Service (IaaS) with minimal business disruption
- Private cloud deployment for Platform As A Service (PaaS)
- Handling security and compliance related requirements
- Integration of PaaS with client's hardware devices

## Solution

- Provided full IaaS capability with minimal disruption to the existing infrastructure. We automated the infra using Terraform & Chef on top of client's VMWare infra. IaaS provided full automation of infra provisioning as well as middleware installations on demand. The automation also handled security & compliance.
- For PaaS we deployed Red Hat OpenShift and integrated with client's hardware devices like F5 etc. Designed and implemented complete PaaS ecosystem.
- We provided custom solution and developed a self service portal, a Cloud Management Platform which serves as a single console for all infra management.
- IaaS was done with our unique automation methodology.
- Team skills and speedy delivery was the key success factor, as we went production in 4 months.

## Value delivered

- By using PaaS the time to market of the apps is 5x faster.
- The infra automation enabled them to provision environments on demand within minutes, as compared to previously it took around 6 weeks.
- The security & compliance team has now full view of the infra compliance in the data center, which they never had before.