

# Banking Corporation

Private cloud infrastructure deployment

# Openstack Implementation – Banking Corporation

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## Rapid Private Cloud Infrastructure Setup and Migration of Applications to the Cloud



### About Customer

- Banking Corporation based in Europe
- Running 5000 applications simultaneously across the organization
- Cloud Platform should adapt quickly to business requirements



### Business Challenges / Drivers

- Redo large parts of their work as new frameworks and products started to emerge.
- Infrastructure readiness to run their apps in production. Gain private cloud security and compliance
- Increase operational infrastructure flexibility
- Improve scalability and performance

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## Approach / Deliverables

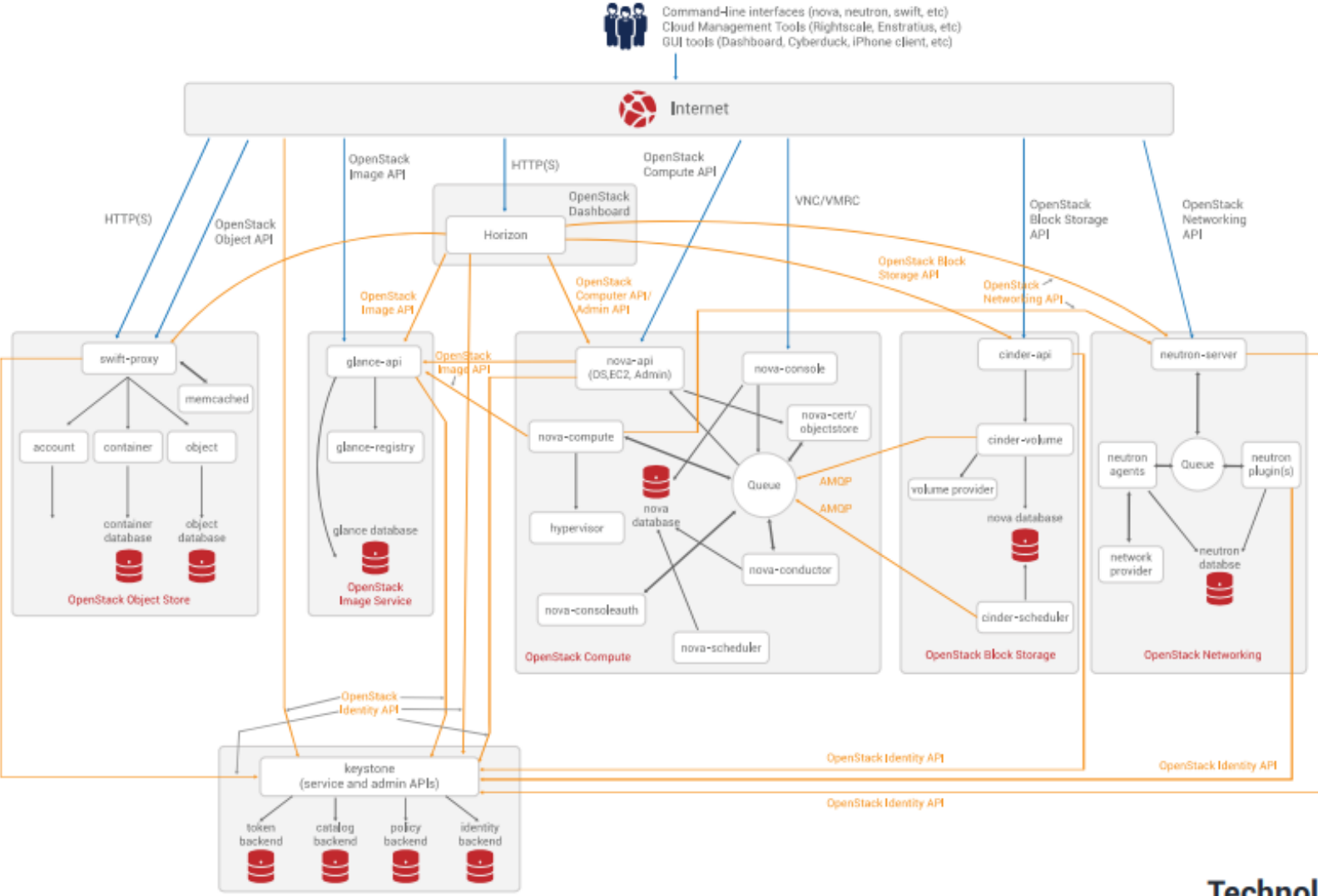
- Automation-first approach, leveraging a combination of OpenStack and Puppet to turn their applications into cloud-ready apps.
- Abstracted the applications from the underlying infrastructure by not using anything specific to infrastructure layer.
- Abstraction enabled the parallel use of both their existing infrastructure and the OpenStack environment for deploying their applications for a simple switch of between those two environments without having to re-do any of their work.
- Leveraging the existing Puppet assets to speed up the “Cloudification” process



## Outcomes / Benefits

- Increased operational infrastructure flexibility
- Improved scalability and performance
- Fast, easy, reliable deployment with Fuel
- Fully open source distribution
- Flexibility in choosing underlying technology
- Hardened OpenStack distribution based on real world customer deployments
- Integration with VMware made easy
- The ability to send diagnostic data to our Support

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## Technologies Used

Horizon, Memcached, Glance, Nova, Cinder, Neutron