

Production (prd-10)

John Doe | December 21, 2021

System Elements

- 1 The user's DNS requests are served by Amazon Route 53, a highly available Domain Name System (DNS) service.
- 2 HTTP requests are first handled by Elastic Load Balancing (ELB), which automatically distributes incoming application traffic among multiple Ocean Workers Amazon Elastic Compute Cloud (EC2) instances across Availability Zones (AZs).
- 3 Ocean workers are deployed in Auto-Scaling groups by spot.io which automatically adjust capacity up or down according to various conditions.
- 4 Containers developed by the Finxact Development Team are deployed and managed by Amazon EKS on the Amazon EC2 instances Ocean Workers.
- 5 Kubernetes Namespace with various deployed resources.
- 6 Customer account data is isolated from the front end eks pods for PCI compliance.
- 7 Transit Gateway is used to distribute traffic between the various accounts.
- 8 Postgres RDS stores the final data.
- 9 Multi region replication of final data.

