TeleDirect

Redundancy & Security

World Class Protection Powered by AWS

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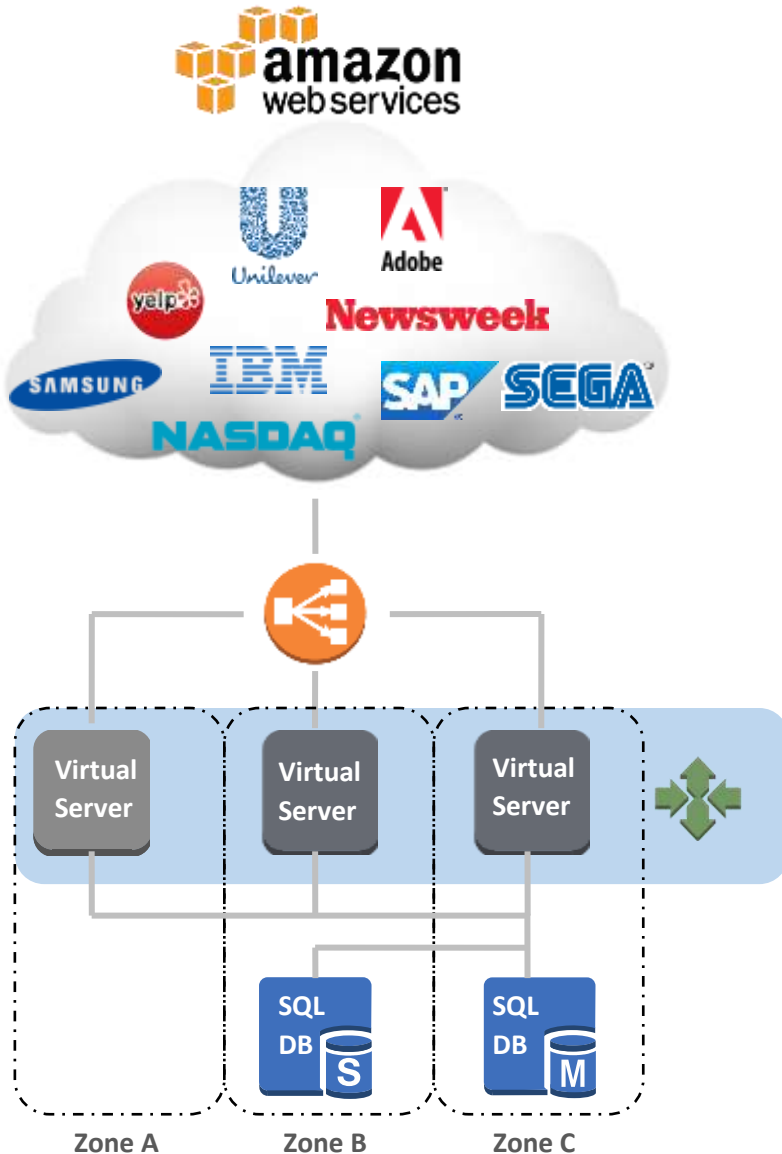
Elastic Load Balancing — Supports health checks on hosts, distributes traffic to our 3 Availability Zones and dynamically adds or removes virtual servers from the load-balancing rotation. By distributing traffic evenly among our Virtual Servers, when the Auto Scaling group launches or terminates instances based on load, the load balancer automatically adjusts accordingly.

We control our virtual servers by specifying the protocols, ports, and source IP address ranges for impeccable security and utilize automatic elastic scaling to resolve capacity loads within seconds.

EC2 Instance — **Virtual Server**

Auto Scaling — Maintains our fleet of Virtual Servers (EC2 instances) that can scale to handle the current load. Auto Scaling spans multiple Availability Zones to protect against the potential failure of a single Availability Zone.

Deployment across multiple availability zones enables us to be ready for unexpected outages, with failover protection in place to maintain high availability.

Availability Zones

Virtual Server | **Virtual Server** | **Virtual Server**

Database Redundancy — The database tier consists of a master DB instance and a mirrored standby instance located in separate Availability Zones.

SQL DB S | SQL DB M

Zone A · Zone B · Zone C