**Route 53 Domain Name System (DNS)**

* a scalable and highly available Domain Name System (DNS)

* Name comes from the port that the services is accessed through (port 53)

* enables AWS customers to route users to non-AWS infrastructure

* DNS servers are distributed across the globe for high availability

* create "hosted zones" that act as a container for name servers, spread across four top-level domains (TLDs)

* allows for programmatic access that permits customers to modify DNS records via web service calls
  + allows a developer to programmatically bring up a machine and point to components that have been created via other service calls such as those to create new S3 buckets or EC2 instances