# **AWS Products - Key Services**

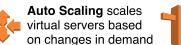
#### Compute and Networking Services



EC2 provides virtual server in AWS cloud



Provides isolated virtual network in AWS cloud





Route 53 route "traffic to your domain name" to "vour resource"



**ELB** distributes network traffic across set of virtual servers



Run your code on v. server from EC2 in response to event



Provides **Docker** containers on virtual server from Amazon EC2

# Databases Services



**RDS** provides managed relational databases



**Redshift** is a fast fully managed petabyte-scale driven data warehouse



**DynamoDB** provides managed NoSQL databases



ElastiCache provides an in-memory caching service.

#### Application Services



AppStream host your streaming app in the AWS cloud and stream i/o to user devices



CloudSearch adds search to your website



**Elastic Transcoder** converts digital media into format reg by dev



SES sends email from the cloud



SNS sends / receives notifications to/from **AWS Cloud** 



SQS enable apps components to store data in a queue for other components



SWF Coordinates tasks across the components of your application

### Storage and Content Delivery Services



S3 scalable storage in AWS Cloud



CloudFront is a Global Content Delivery Network (or CDN)



**EBS** Network attached storage volumes for your virtual server



Glacier: a low-cost archivial storage

#### Security and Identity Services



**Identity and Access** Management manage user access to AWS res through policies



**Directory Service** manage user access to AWS through your Microsoft Active Dir

#### **Analytics Services**



**EMR** uses Hadoop to manage and process data



DataPipeline makes it easy regularly move and process data



Kinesis enables real time processing of streaming data at massive scale



MachineLearning makes predictions simple through APIs

## Management Tools



CloudWatch provides tools for resources and applications monitoring



CloudFormation provides provisionina of AWS resources using templates



CloudTrail track the usage history for your AWS resources by logging AWS API calls



Config view the current and previous conf of AWS resources and monitor changes



OpsWork configure / manage env for your app, in AWS Cloud or your own data center



**Service Catalog** distributes servers / dbs / websites / apps to user through resources