AWS Products - Key Services

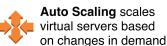
Compute and Networking Services



EC2 provides virtual server in AWS cloud



Provides isolated virtual network in AWS cloud





Route 53 route "traffic to your domain name" to "your 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**

er from EC2 in Security and Identity Services



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

S3 scalable storage

EBS Network attached

for your virtual server

in AWS Cloud

storage volumes



Storage and Content Delivery Services

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

CloudFront is a Global

Content Delivery

Network (or CDN)

Glacier: a low-cost

archivial storage

Databases Services



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.

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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

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

Management Tools

Analytics Services



CloudWatch provides tools for resources and applications monitoring



CloudFormation provides provisioning 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