



NOV
11

This version was last updated **11/14/2012 (v2.0)** Find the most recent set at aws.amazon.com/architecture/icons



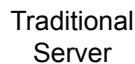
Creating diagrams – Try to use direct lines (rather than ‘criss-cross’), use adequate whitespace, and remember to label all icons.



Always use icon labels – Be sure to always include a label below the icon or on the group in Arial. The only exception is in complex diagrams, you have the option to create a key.



Product Icons – The first icon in most service sets is a product icon. This should be used to represent the service on a more general level when you will not be going into as much depth.



Non-AWS Technology – Any server or other non-AWS technology in an architecture diagram should be represented with the grey server (see Slide 8).

Compute

Amazon Elastic Compute Cloud (EC2)



Amazon EC2



Instance



Instances



AMI



DB on
Instance



Instance with
CloudWatch



Elastic IP

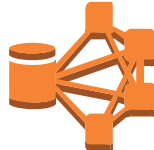
Amazon Elastic MapReduce



Amazon Elastic
MapReduce

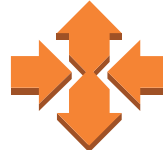


Cluster



HDFS Cluster

Auto Scaling



Auto
Scaling

Storage

Amazon Simple Storage Service (S3)



Amazon S3



Bucket



Bucket with
Objects



Object

Amazon Elastic Block Storage (Amazon EBS)



Amazon Elastic
Block Storage
(EBS)



Volume



Snapshot

AWS Import/ Export



AWS Import/
Export

AWS Storage Gateway Service



AWS Storage
Gateway Service

Amazon Glacier



Amazon
Glacier

Database

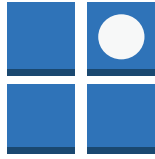
Amazon DynamoDB



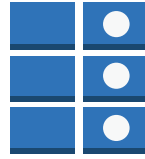
DynamoDB



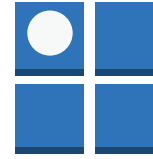
Table



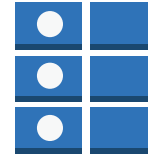
Item



Items



Attribute



Attributes

Amazon Relational Database Service (RDS)



Amazon RDS



RDS DB Instance



RDS DB Instance Standby (Multi-AZ)



RDS DB Instance Read Replica



MySQL DB Instance



Oracle DB Instance

Amazon ElastiCache



Amazon ElastiCache



ElastiCache Cache Node

Networking

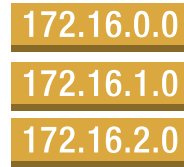
Amazon Route 53



Amazon Route
53

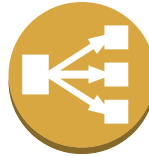


Hosted Zone



Route Table

Amazon Elastic Load Balancing



Elastic Load
Balancer

AWS Direct Connect



AWS Direct
Connect

Amazon Virtual Private Cloud (VPC)



Amazon VPC



Router



Internet
Gateway



Customer
Gateway



VPN Gateway



VPN Connection

Content Delivery

Amazon Cloudfront



Amazon
Cloudfront



Download
Distribution



Streaming
Distribution



Edge Location

Elastic Network Instance



Elastic Network
Instance

Monitoring

Amazon CloudWatch



Amazon
CloudWatch



Alarm

Deployment and Management

Amazon Elastic Beanstalk



Amazon Elastic
Beanstalk



Application

AWS Identity and Access Management (IAM)



AWS IAM



IAM Add-on

AWS CloudFormation



AWS
CloudFormation



Template



Stack

Application Services

Amazon Simple Queue Service (SQS)



Amazon SQS



Queue



Message

Amazon Cloudsearch



Amazon
CloudSearch

Amazon Simple Email Service (SES)



Amazon SES

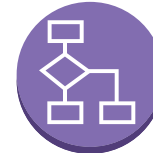


Email

Amazon Simple Workflow (SWF)



Amazon SWF



Decider



Worker

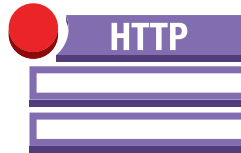
Amazon Simple Notification Service (SNS)



Amazon SNS



Email
Notification



HTTP
Notification



Topic

Non-Service Specific



AWS Cloud



AWS Management
Console



User



Users



Internet



Client



Mobile Client



Multimedia

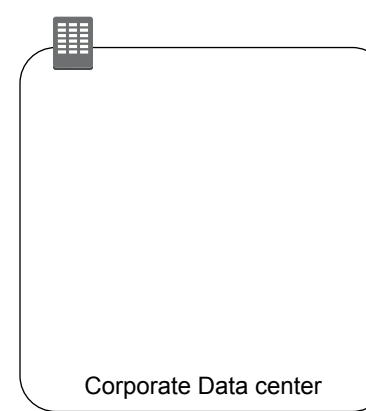
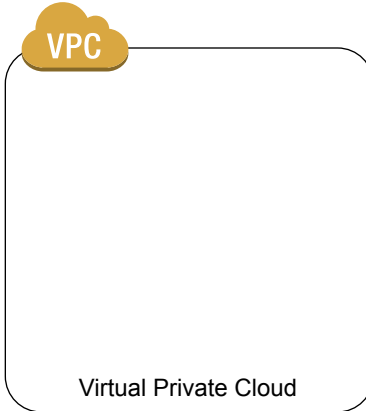
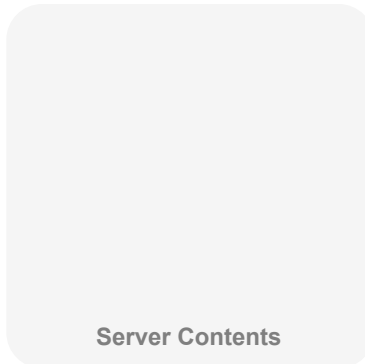
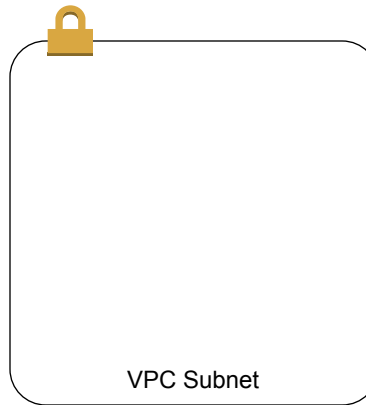
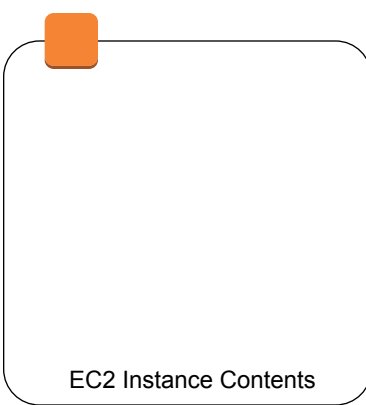
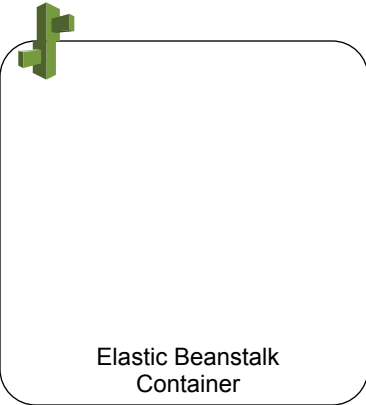
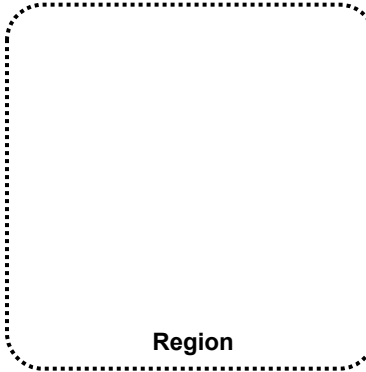
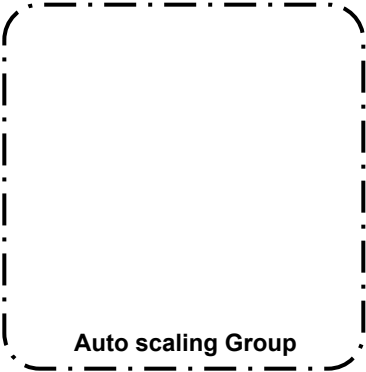


Traditional Server



Corporate Data
Center

Groups



Example 1: 2-Tier Auto-scalable Web Application Architecture in 1 AZ

