AWS Simple Icons

v2.4

Check to make sure you have the most recent set of AWS Simple Icons
This version was last updated 1/28/2014 (v2.4)
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.

cluster

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.

Amazon EC2

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.

traditional server

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

Compute & Networking

Amazon Elastic Compute Cloud

Amazon EC2	instance	instances	AMI	DB on instance	instance with CloudWatch	Elastic IP	optimized instance	Amazon Lambda
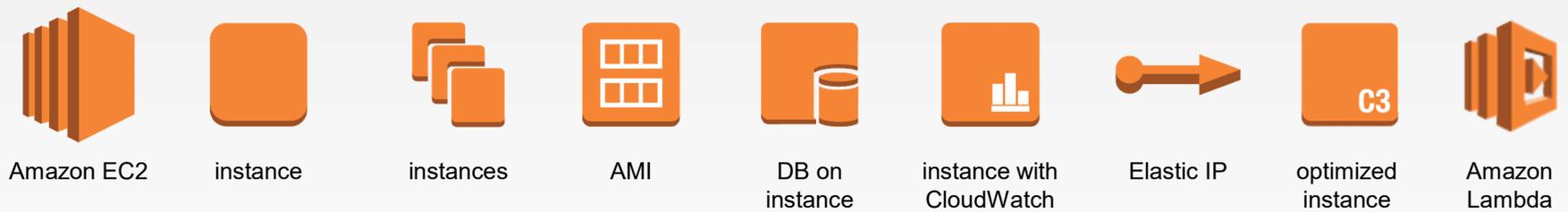
Amazon Virtual Private Cloud

Amazon VPC	router	Internet gateway	customer gateway	virtual private gateway	VPN connection	VPC peering

amazon
web services
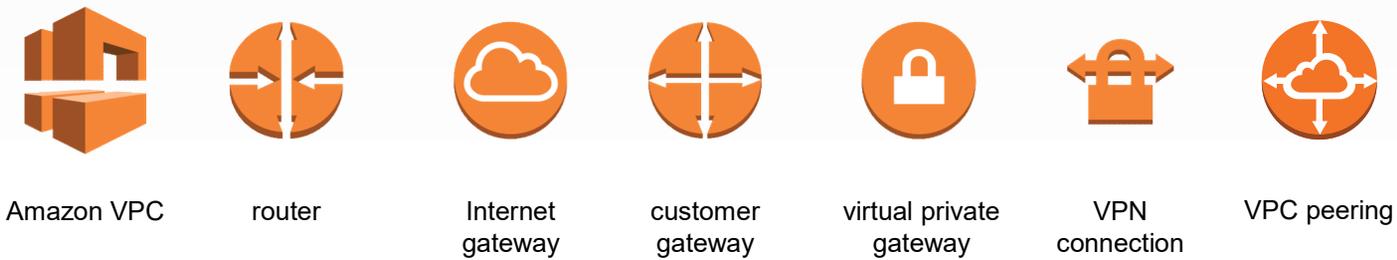
Compute & Networking

Amazon Route 53

Amazon
Route 53

hosted zone

172.16.0.0
172.16.1.0
172.16.2.0

route table

Elastic Load Balancing

Elastic Load
Balancing

AWS Direct Connect

AWS Direct Connect

amazon
webservices

Compute & Networking

Auto Scaling

Elastic Network Instance

Auto Scaling

elastic network
instance

amazon
web services

Storage & Content Delivery

Amazon Simple Storage Service

Amazon S3   bucket   bucket with objects   object

AWS Import/Export

AWS Import/Export

Amazon Elastic Block Store

Amazon EBS   volume   snapshot

AWS Storage Gateway

AWS Storage Gateway   non-cached volume   cached volume   virtual tape library

CACHE

VTL

amazon
web services

Storage & Content Delivery

Amazon Glacier

Amazon Glacier

archive

vault

Amazon CloudFront
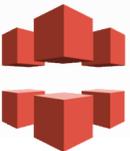
CloudFront

download distribution

streaming distribution

edge location

Database

Amazon DynamoDB
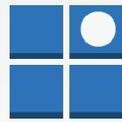
DynamoDB	table	item	items	attribute	attributes	global secondary index
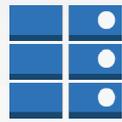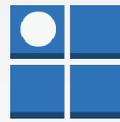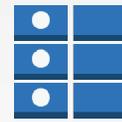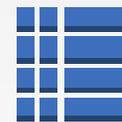
Amazon Relational Database Service

Amazon RDS	RDS DB instance	RDS DB instance standby (Multi-AZ)	RDS DB instance read replica	MySQL DB instance	Oracle DB instance	MS SQL instance

amazon
web services

Database

Amazon Relational Database Service Cont.

PostgreSQL instance

SQL master

SQL slave

PIOP

Amazon ElastiCache

ElastiCache

cache node
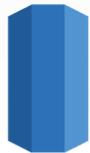
Redis

Memcached

Amazon SimpleDB

Amazon SimpleDB

domain

Amazon Redshift

Amazon Redshift

solid state disks

DW1
Dense Compute

DW2
Dense Compute

amazon
web services

Enterprise Applications

Amazon WorkDocs

Amazon WorkSpaces

Amazon
WorkDocs
new!

Amazon
WorkSpaces

Administration & Security

AWS Directory Service

AWS Directory Service

AWS Config

AWS Config

AWS CloudTrail

AWS CloudTrail

AWS Trusted Advisor

AWS Trusted Advisor

Amazon CloudWatch

CloudWatch

alarm

amazon
web services

Administration & Security

AWS Identity and Access Management

IAM

IAM add-on

AWS Security
Token Service

data encryption
key

encrypted
data

permissions

role

long-term
security
credential

temporary
security
credential

MFA

MFA token

Deployment & Management

AWS Elastic Beanstalk

Elastic Beanstalk   application   deployment

AWS CloudFormation   ## AWS CodeDeploy

AWS
CloudFormation   template   stack   AWS CodeDeploy

amazon
web services

Deployment & Management

AWS OpsWorks

AWS OpsWorks

stack

layers
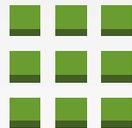
instances

apps

deployments

monitoring

resources

permissions

amazon
web services

Deployment & Management

AWS Identity and Access Management

IAM

IAM add-on

AWS Security Token Service

data encryption key

encrypted data

permissions

role

long-term security credential

temporary security credential

MFA

MFA token

amazon
web services

Application Services

Amazon CloudSearch

Amazon
CloudSearch

SDF metadata

Amazon Simple Email Service

Amazon SES

email

Amazon AppStream

Amazon
AppStream

App Services

Amazon Simple Queue Service

Amazon SQS

queue

message

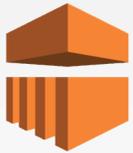## Amazon Simple Workflow

Amazon SWF

decider

worker

Amazon Elastic Transcoder

Elastic
Transcoder

Analytics

Amazon Elastic MapReduce

Amazon EMR

cluster

MapR M3 engine

MapR M5 engine

MapR M7 engine

engine

Kinesis

Amazon Kinesis

Kinesis-enabled app

AWS Data Pipeline

AWS Data Pipeline

Mobile Services

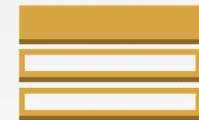## Amazon Cognito

Amazon Cognito

Amazon Mobile Analytics

Amazon Mobile
Analytics

Amazon Simple Notification Service

Amazon SNS

Email

email notification

HTTP

HTTP notification

topic

Non-Service Specific

AWS cloud

AWS Management Console

virtual private cloud

forums

client

mobile client

multimedia

Internet

user

users

traditional server

corporate data center
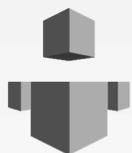
disk

generic database

tape storage

amazon
web services

On-Demand Workforce

Amazon Mechanical Turk

Amazon Mechanical Turk	Human Intelligence Tasks (HIT)	assignment/ task	workers	Requester

Mechanical Turk vs. Amazon Mechanical Turk
Do not use simple "Mechanical Turk" to refer to Amazon Mechanical Turk. Use Amazon Mechanical Turk to describe the entire system, Amazon Mechanical Turk website for the worker website, and Amazon Mechanical Turk web service to describe the product.

SDKs

Java   JavaScript   Python (boto)   PHP   .NET   Ruby   Node.js
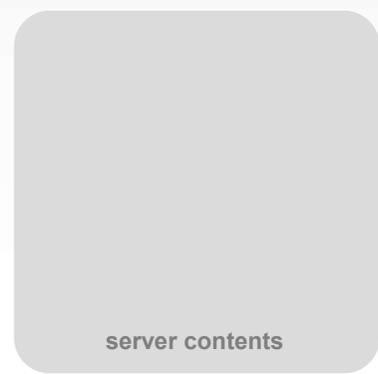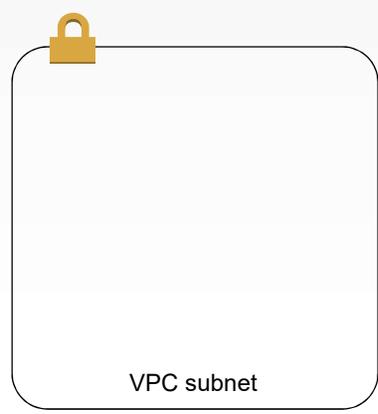
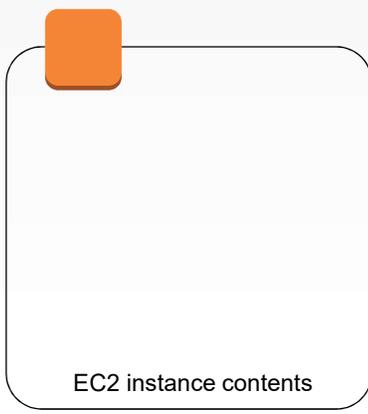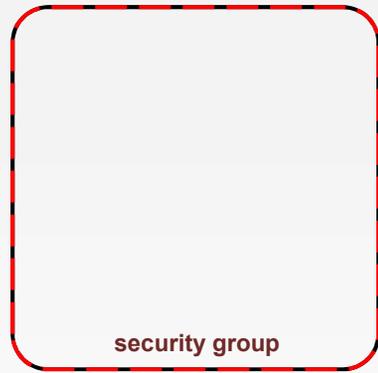iOS   Android   AWS Toolkit for Visual Studio   AWS Toolkit for Eclipse   AWS Tools for Windows PowerShell   AWS CLI

amazon
web services

Groups

Auto Scaling group

Availability Zone

region

security group

Elastic Beanstalk container

EC2 instance contents

VPC subnet

server contents

Groups

VPC

virtual private cloud

AWS

AWS cloud

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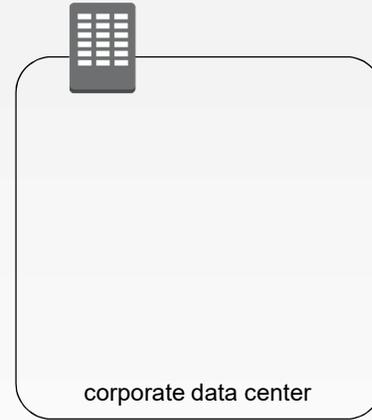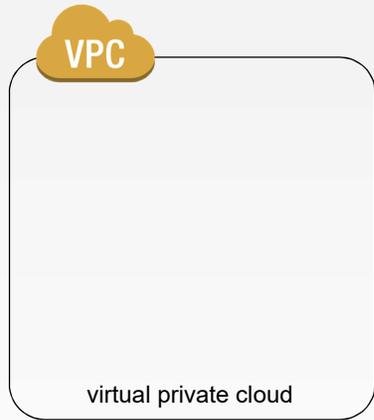
Example 1: 2-Tier Auto-scalable Web Application Architecture in 1 AZ

www.example.com

media.example.com

CloudFront distribution

Elastic Load Balancing

web app server

EC2 instance security group

root volume

data volume

logs

Amazon EBS snapshot

Amazon S3 bucket

Auto Scaling group

M

security group

Availability Zone #1

amazon
web services