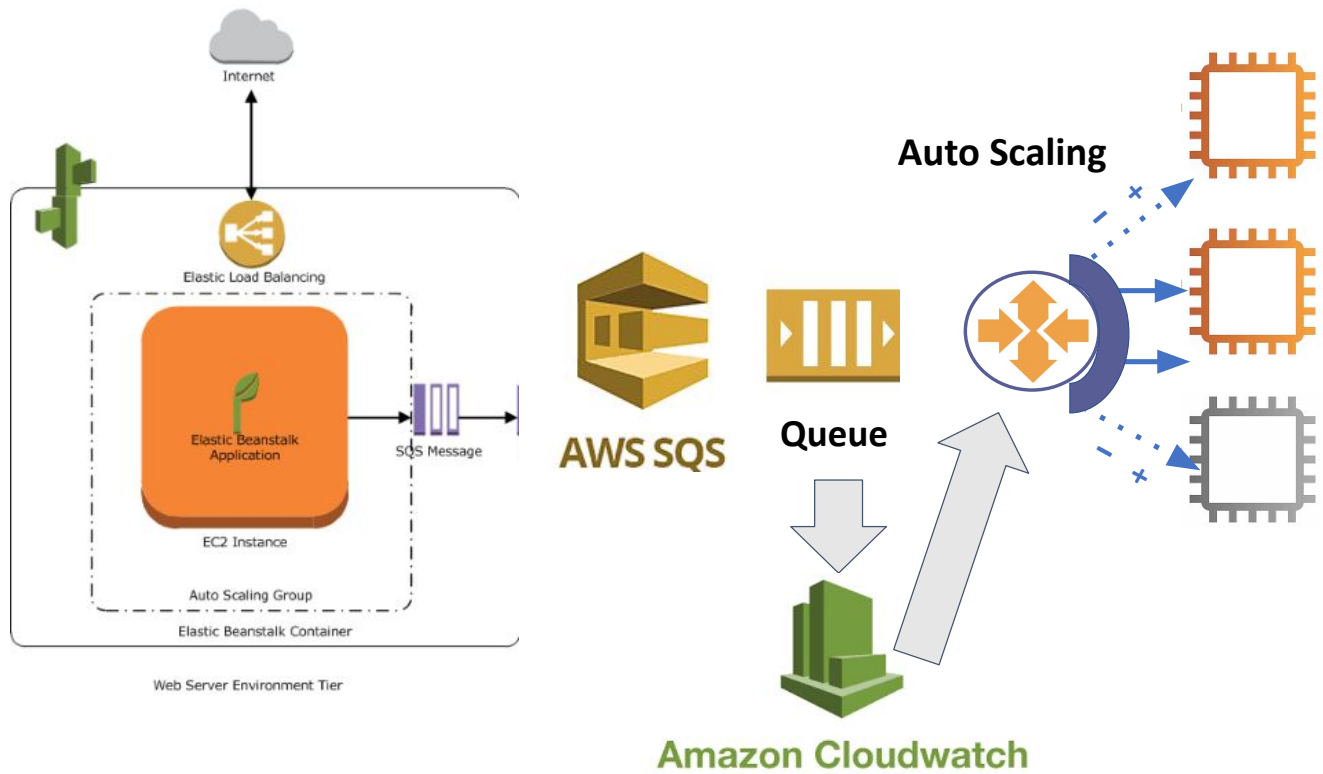




## Summary of Terms / Concepts

Concept	What it Means
Application	Logical collection of Elastic Beanstalk components required for a working deployment
Application Version	A labelled version of an application (e.g. 1.0, 1.1, 2.0, etc...)
Environment	A set of AWS resources running a specific application version (e.g. DEV, TEST, PROD)
Environment Tier	The type of application that an environment runs (either Web or Worker)
Platform	Combination of OS, programming language, web server - i.e. the "technology stack"



`ApproximateNumberOfMessagesVisible`

**Congratulations!**

V1

**Application Updated!**

V2- All at once

**Congratulations!**

V3- Immutable

**Application Updated!**

V4- Add Additional Batch



## Sec. Group Issue

### Private Instance Sec.Group

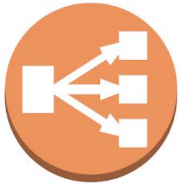
Inbound rules [Info](#)

Type <a href="#">Info</a>	Protocol <a href="#">Info</a>	Port range <a href="#">Info</a>	Source <a href="#">Info</a>	Description - optional <a href="#">Info</a>
All traffic ▼	All	All	Custom ▼	
			<input type="text" value="Q"/>	<input type="text"/>
				<input type="button" value="Delete"/>



- 1-Sec. group of Bastion Host –Best practice
- 2-CIDR Block of “Public Subnet”
- 3-IP of Bastion Host Instance
- 4-ELB SEC GROUP—Best practice

### Load Balancer



### Secgrp of ELB



### Secgrp of EC2

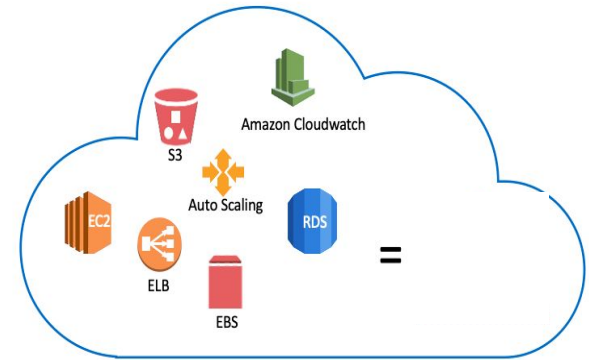
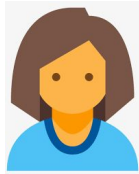


- HTTP 80

- HTTP 80 and
- Loadbalancer Secgroup

# Introduction to Elastic Beanstalk

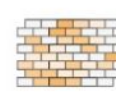
## Why AWS Elastic Beanstalk?



Template



CloudFormation



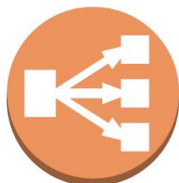
Stack



## Sec. Group Issue

Inbound rules					Outbound rules	Tags
Inbound rules (2)					Edit inbound rules	
Type	Protocol	Port range	Source	Description - optional		
HTTP	TCP	80	sg-0a7bb1c900619bc04 / awseb-e-kqbyfkja52-stack-AWSEBLoadBalancerSecurityGroup-18511K0EJ6PDX	-		
SSH	TCP	22	0.0.0.0/0	-		

## Load Balancer



+ SSH