

## **EC2 Auto Scaling**





# Today's Takeaways

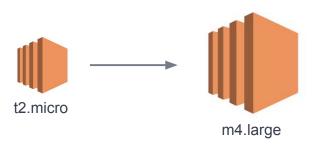
- Part 1: Anatomy of Auto Scaling
- Part 2: Hands on



### **Auto Scaling**

What is Scaling?

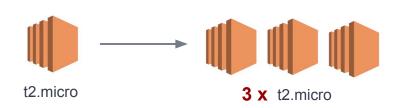
**Vertical Scaling** 



Scale Up / Down



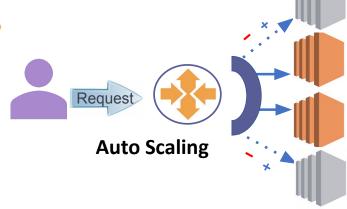
#### **Horizontal Scaling**



Scale Out / In



What is Auto Scaling?



- Amazon EC2 Auto Scaling is a component that helps you ensure that you have the correct number of Amazon EC2 instances available to handle the load for your application.
- Auto Scaling adds or removes instances to keep your system steady state.
- You can automate the increasing or decreasing of virtual machines depending on your policy.



### **Auto Scaling**

#### Features of Auto Scaling



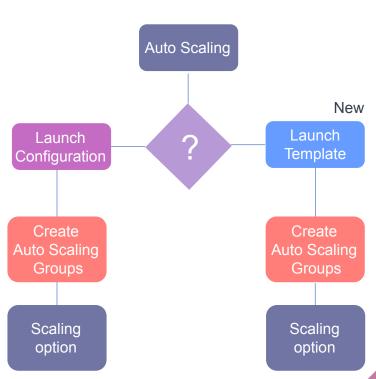


- **Auto Scaling Policy**
- Launch Configurations or Launch Templates.
- Fault tolerance.
- Compatible with Elastic Load Balancer
- Better Cost Management.

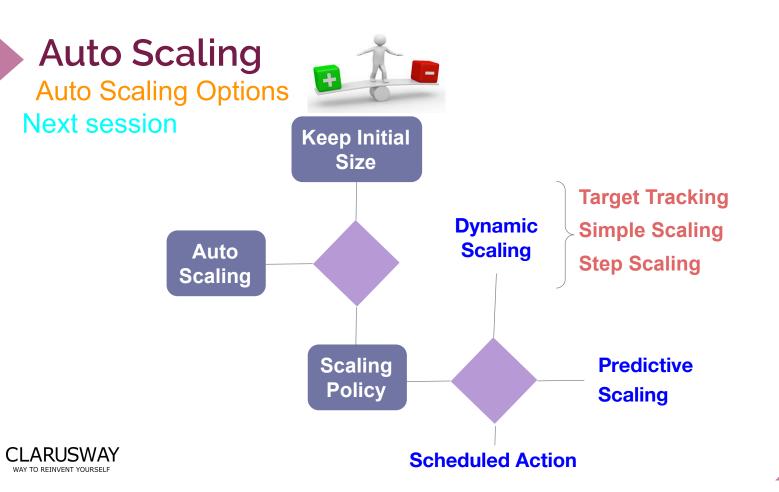
### **Auto Scaling**

**Auto Scaling Creating Process** 

- First, you need to select either the Launch Template or the Launch Configuration option and create it.
- Then, create an Auto Scaling Group.
- Finally, Finish Creating Auto Scaling

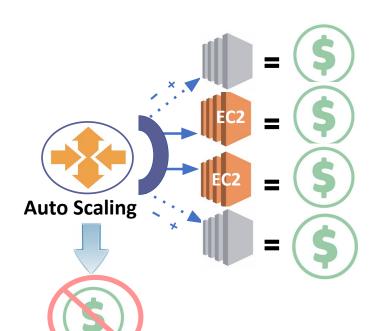








Pricing for Amazon EC2 Auto Scaling







**Load Balancer** 



### Lifecycle Auto Scaling

#### Let's get our hands dirty!

- Creating an Auto Scaling Group



# THANKS!

**Any questions?** 



