

EC2 Auto Scaling





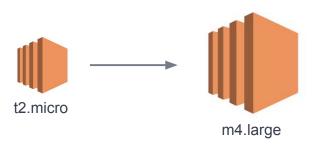
Today's Takeaways

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



What is Scaling?

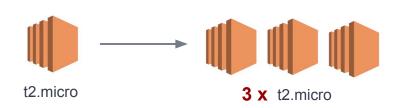
Vertical Scaling



Scale Up / Down



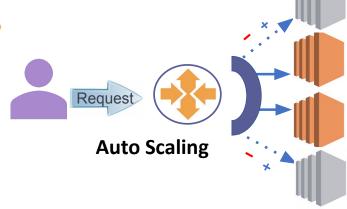
Horizontal Scaling



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.



Features of Auto Scaling

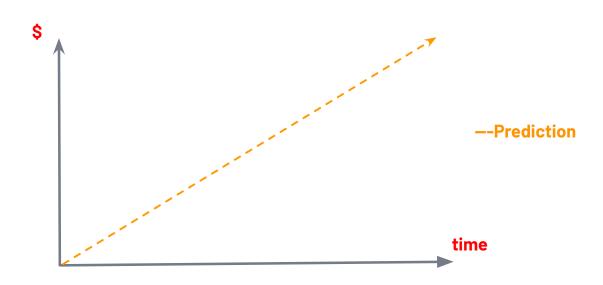




- Auto Scaling Policy
- Launch Configurations or Launch Templates.
- Fault tolerance.
- Compatible with Elastic Load Balancer
 - Better Cost Management.

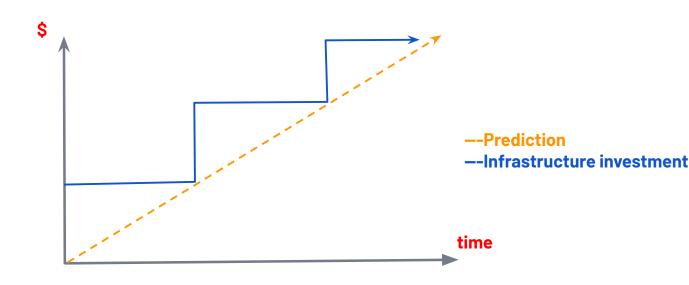
Auto Scaling

Better Cost Management



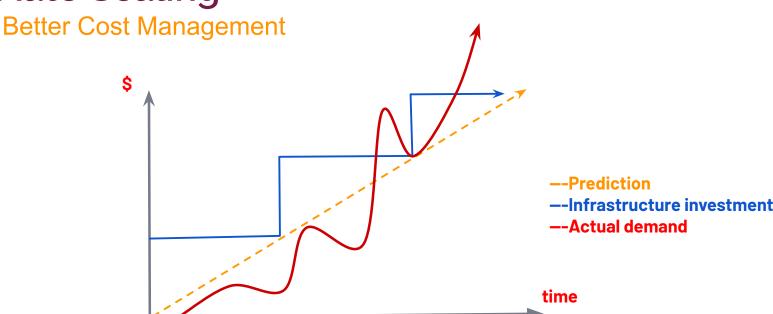


Better Cost Management



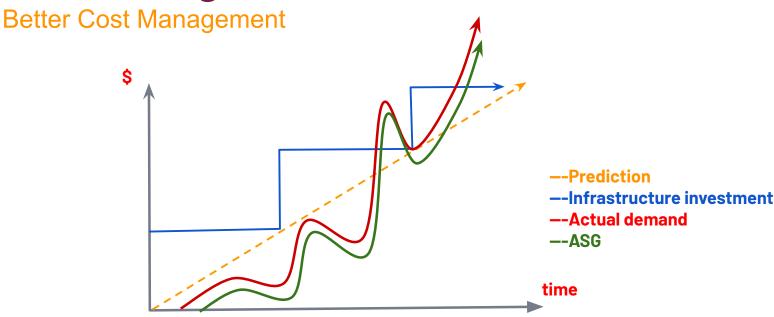


Auto Scaling



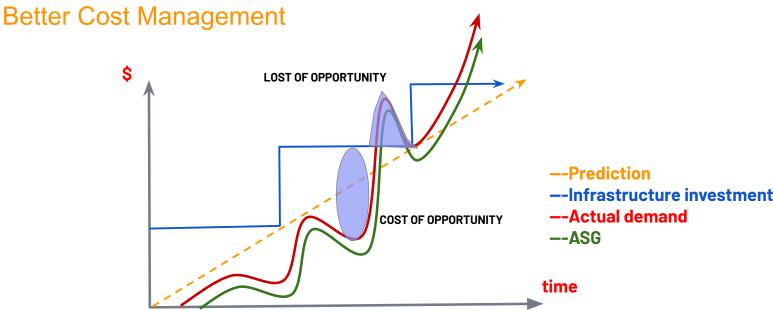






CLARUSWAY WAY TO REINVENT YOURSELF

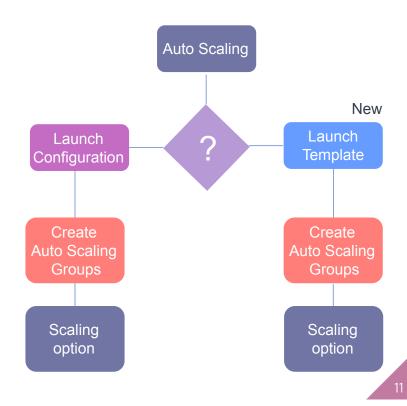
Auto Scaling





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

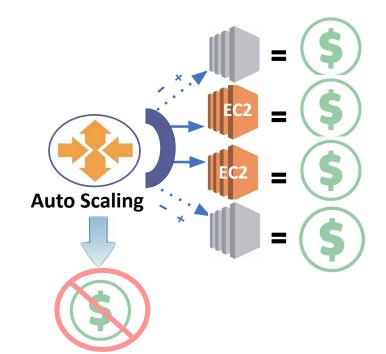




Auto Scaling Auto Scaling Options Next session Keep Initial Size **Target Tracking Dynamic** Simple Scaling **Scaling** Auto Step Scaling Scaling **Predictive** Scaling **Policy Scaling CLARUSWAY Scheduled Action** WAY TO REINVENT YOURSELF



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?



