

# Auto Scaling

## **\*\*What is AWS Auto Scaling?\*\***

AWS Auto Scaling is a tool that helps you manage the number of computers (or servers) your website or application uses. Sometimes, your website might have lots of visitors, so it needs more computers to handle all the requests. Other times, there are fewer visitors, so you don't need as many computers. AWS Auto Scaling automatically adjusts the number of computers based on how much your website needs at any given time.

## **\*\*Benefits of AWS Auto Scaling:\*\***

1. **\*\*Cost Savings\*\***: With AWS Auto Scaling, you only use as many computers as you need at any given time. This means you don't waste money on extra computers when they're not needed. It helps keep your costs down because you only pay for what you actually use.
2. **\*\*Maintain Performance\*\***: When your website or application gets busy, AWS Auto Scaling adds more computers to handle the increased workload. This ensures that your website or application continues to perform well, even during peak times when there are lots of visitors.

3. **\*\*Simplicity\*\***: Managing the number of computers manually can be complicated and time-consuming. AWS Auto Scaling automates this process, making it easier for you to focus on other aspects of your business or project. It reduces the amount of time and effort required to ensure your website or application stays up and running smoothly.

Steps to be followed:-

1. Create Elastic Load Balancer
2. Create Launch Template
3. Create Auto Scaling Group