**AutoScaling Groups (ASGs):** ensure that you have right number of EC2 instances to handle application load. It is the collection of EC2 instances.

**Minimum number of instances**: ASG never goes down below this number.

**Maximum number of instances:** ASG never goes above this number.

**Desired capacity:** When you create an ASG, the number of instances that should be there at that time.

**Scaling Policies:** To scale-out and scale-in the number of instances as demand on your application increases or decreases.

ASGs **use Launch Templates (LTs)** or **Launch Configurations (LCs)** as the configuration template for their EC2 Instances.

**Features:** Health Check monitoring, Capacity balancing across Availability Zones (AZs). Multiple instance types and purchase options within a single ASG, ELBs, scaling policies, lifecycle hooks (to define custom actions at new instances launch or before instance termination).