1.High Availability RTO (Recovery Time Objective)

2.Auto Scaling recovery point objective

3.resilence

4.monitering

5.observability

6.rpo,rio,rto,osi

7.logging

8.alerting

**1.High Availability:** The Ability of a system to work continuously with any limited time period is called high availability.

-eliminates the single point of failure.

**2.Auto Scaling:** Auto Scaling is a service that helps the user to moniter applications and adjusts the capacity to maintain predictable performance at lowest possible cost

**Note:** if elastic load balancer and auto scaling work together offers more efficient and reliable system. In some cases like load distribution,dynamic scaling etc..without elastic load balancer, autoscaling will not work .

Autoscaling used for:1.scheduling

2.no:of users

3.response time

**3.resilence:**

**4.monitering:** observing, checking, or keeping a continuous record of something is known as monitering

**5.obervability:** The ability to collect the data about program’s.it involves collecting data to gain a comprehensive view of system performance.

**6.RTO(recovery time objective):** The maximum acceptable downtime for a system or application