1. **Kubernetes is container orchestration platform.**
2. **The life of container is very short.**
3. **There is priority allocated to each process in linux. Kernel has to decide which process to kill.**
4. **Auto-healing is a behavior where without manual intervention your container will start by itself.**
5. **Auto scaling means spin the new machine automatically to handle the load if it is increases.**
6. **Below are the problems in Docker and Kubernetes is solving these problems.**

**Single host**

**Auto healing**

**Auto Scaling**

**Enterprise level support**

1. **Kubernetes is by default cluster in nature. It has replica sets and also supports horizontal pod autoscaler (HPA).**
2. **Kubernetes controls or fix the damage, which is called as auto healing.**