**Scheduler**

**------------------------------**

1.what is scheduler?

2.what is scheduler algoritham?

3.How does scheduler picks particular task?

4.How is timeout managed?

5.How does load balancing happens?

6.What are the different schedulers class present in the linux kernel?

7.Explain about wait queues and how they implemented? Where and how are they used?

8.What is process kernel stack and process user stack? What is the size of each and how are they allocated?

9.Why do we need seperate kernel stack for each process?

10.What all happens during context switch?

11.What is thread\_info? Why is it stored at the end of kernel stack?

12.What is the use of preempt\_count variable?

13.What is the difference between interruptible and uninterruptible task states?

14.How processes and threads are created? (from user level till kernel level)

15.How is virtual run time (vruntime) calculated?

16.Different types of schedulers (round robin, pre-emptive)

17.Can a scheduler can be locked?

18.who schedules the scheduler?

19.At what frequency scheduler looks for threads/processes ready for schedule?