

Solaris Schedulers
Scheduling classes
 Time sharing – dynamically alters priorities and timeslices – higher priority indicates lower timeslice, more responsive but less time to respond.
 Fixed priority – priorities don't change, good for real time. Is preemptive
 Fair share – doesn't assign priority, but shares CPU equally among processes at this level
 Preemption: will preempt lower priority thread when higher becomes able to run
Table driven MLFQ. Priority 0 is lowest, priority 59 is highest
 If quantum expires, priority is lowered
 If wake up from sleep / IO, priority gets a boost
 If waits too long without executing, gets priority boost
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Table Example						
Priority	Quantum (ms)	Quantum expired Prio	Return from sleep prio	MaxWait	Wait Level	
0	200	0	50	10000	5	
5	200	0	50		10	
10	160	0	51		15	
15	160	5	51		20	
20	120	10	52		25	
25	120	15	52		30	
30	80	20	53		35	
35	80	25	54		40	
40	40	30	55		45	
45	40	35	56		50	
50	40	40	58		55	
55	40	45	58		59	
59	20	49	59		59	





