

sysfs-kernel-uids..txt

What: /sys/kernel/uids/<uid>/cpu_shares
Date: December 2007
Contact: Dhaval Giani <dhaval@linux.vnet.ibm.com>
Srivatsa Vaddagiri <vatsa@linux.vnet.ibm.com>
Description:

The /sys/kernel/uids/<uid>/cpu_shares tunable is used to set the cpu bandwidth a user is allowed. This is a propotional value. What that means is that if there are two users logged in, each with an equal number of shares, then they will get equal CPU bandwidth. Another example would be, if User A has shares = 1024 and user B has shares = 2048, User B will get twice the CPU bandwidth user A will. For more details refer Documentation/scheduler/sched-design-CFS.txt