第 0006 讲 7 获取进程 NICE 值案例分析 1

一、获取某个进程的 nice 值,其中 nice 值为进程的优先级,与静态优先级的有关(nice=static prio-120)。

具体 Linux 内核源码 task_nice()函数原型:

调用该函数返回 int 型值, nice 值越小优先级越大。

二、实战案例分析

```
[ 8.110251] cryptd: max_cpu_qlen set to 1000
[ 8.241665] AVX2 version of gcm_enc/dec engaged.
[ 8.241666] AES CTR mode by8 optimization enabled
[ 31.336251] rfkill: input handler disabled
[ 3748.363729] TaskniceDemo: loading out-of-tree module taints kernel.
[ 3748.363757] TaskniceDemo: module verification failed: signature and/or required key missing - tainting kernel
[ 3748.364329] Prompt:Tasknice_InitFunc function.
[ 3748.364598] Prompt:New process nice : 0
[ 3748.364598] Prompt:New process nice : 0
[ 3748.364599] Prompt:Current PID : 3180
[ 3748.364599] Prompt:Current nice : 0
[ 3748.364707] Prompt:Current static_prio : 120
[ 3748.364707] Prompt:Current Process PID : 3181
[ 3748.364707] Prompt:Current Process nice : 0
[ 3748.364707] Prompt:Current Process nice : 0
[ 3848.364707] Prompt:Normal exit of kernel module.
[ 3859.768321] Prompt:Normal exit of kernel module.
[ 3859.768321] Prompt:Normal exit of kernel module.
```