

Resource usage and performance

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ATOP

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Nice value

In Linux, the nice value is a user-space and process-level mechanism that influences the scheduling priority of a process. It helps determine how much CPU time a process receives relative to other processes. The concept of "niceness" ranges from -20 (most favorable to the process) to 19 (least favorable to the process), with the default being 0.

Setting Nice Value for a new process

Nice value can be set when initially running the command

```
nice -n 15 command
```

Setting Nice value for an existing process

1234 needs to be replaced with the PID

```
renice -n 5 -p 1234
```

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