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Linux / UNIX find out what other users are doing?

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Q. Can you explain the command to find what users are doing on my UNIX / Linux system?

A. Both Linux and UNIX (FreeBSD/Solaris) has w command to show who is logged on and what they are doing.

The w command prints a summary of the current activity on the system, including what each user is doing.

=> The first line displays the current time of day

=> How long the system has been running

=> The number of users logged into the system

=> The load averages. The load average numbers give the number of jobs in the run queue averaged over 1, 5 and 15 minutes.

You can also use ps command which shows you process that are running on the system.

Type **w command** displays information about the users currently on the machine, and their processes.

[1]

Show who is logged on and what they are doing with w command

The fields output are the user's login name, the name of the terminal the user is on, the host from which the user is logged in, the time the user logged on, the time since the user last typed anything, and the name and arguments of the current process.

```
$ w
```

Output:

```
radm      pS 66.90.90.102     Sun01PM  1day -bash
raj       pW 192.168.1.100.  7:42AM     5 ssh root@202.54.1.20
miku      pX a80-186-82-84.el  7:28AM    10 screen irssi
vivek     pY 196.15.193.111    4:11AM     0 nano -w hireme
rani      q0 dslbr0.bsnl.in    7:32AM    12 lynx http://slashdot.org/
jadmin    q2 dslbr5.bsnl.in    7:33AM     0 ssh jadmin@host.cyberciti.info
gad       q3 dslbr76.bsnl.in   7:40AM     0 -ksh
bencs     q5 dslbr22.bsnl.in   7:44AM     5 -zsh
vivek     q6 gw11-vsnl.in      7:47AM    11 -bash
```

You can use the ps command shows you processes that are running on the system:

```
$ ps -au | more
$ ps -au | less
```

So you can use both w and ps commands to find out who's doing what.

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