

Select root@DESKTOP-IEMRB2F: ~/process-mgmt

```
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -eo pid,ppid,user,stat,comm | head
```

PID	PPID	USER	STAT	COMMAND
1	0	root	Ss	systemd
2	1	root	S1	init-systemd(Ub)
9	2	root	S1	init
40	1	root	S<s	systemd-journal
94	1	root	Ss	systemd-udevd
122	1	systemd+	Ss	systemd-resolve
160	1	root	Ssl	alertmanager
161	1	root	Ss	cron
162	1	message+	Ss	dbus-daemon

```
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -1 122
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -9 122
```

```
kill: (122): No such process
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -9 162
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -eo pid,ppid,user,stat,comm | head
```

PID	PPID	USER	STAT	COMMAND
1	0	root	Rs	systemd
2	1	root	S1	init-systemd(Ub)
9	2	root	S1	init
40	1	root	S<s	systemd-journal
94	1	root	Ss	systemd-udevd
160	1	root	Ssl	alertmanager
161	1	root	Ss	cron
170	1	root	Ssl	prometheus
175	1	root	Ss	systemd-logind

```
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
```

```
● nginx.service - A high performance web server and a reverse proxy server
```

```
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
```

```
  Active: inactive (dead)
```

```
    Docs: man:nginx(8)
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# susyemctl status nginx
```

```
susyemctl: command not found
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
```

```
● nginx.service - A high performance web server and a reverse proxy server
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```
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -eo pid,ppid,user,stat,comm | head
```

PID	PPID	USER	STAT	COMMAND
1	0	root	Ss	systemd
2	1	root	S1	init-systemd(Ub)
9	2	root	S1	init
40	1	root	S<s	systemd-journal
94	1	root	Ss	systemd-udevd
122	1	systemd+	Ss	systemd-resolve
160	1	root	Ssl	alertmanager
161	1	root	Ss	cron
162	1	message+	Ss	dbus-daemon

```
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -1 122
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -9 122
```

```
kill: (122): No such process
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -9 162
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -eo pid,ppid,user,stat,comm | head
```

PID	PPID	USER	STAT	COMMAND
1	0	root	Rs	systemd
2	1	root	S1	init-systemd(Ub)
9	2	root	S1	init
40	1	root	S<s	systemd-journal
94	1	root	Ss	systemd-udevd
160	1	root	Ssl	alertmanager
161	1	root	Ss	cron
170	1	root	Ssl	prometheus
175	1	root	Ss	systemd-logind

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root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
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```
● nginx.service - A high performance web server and a reverse proxy server
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```
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
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  Active: inactive (dead)
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```
    Docs: man:nginx(8)
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# susyemctl status nginx
```

```
susyemctl: command not found
```

```
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
```

```
● nginx.service - A high performance web server and a reverse proxy server
```

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04:19 PM
22-01-2026

```
root@DESKTOP-IEMRB2F:~/process-mgmt
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -eo pid,ppid,user,stat,comm | head
 PID  PPID USER      STAT COMMAND
  1    0  root      Ss   systemd
  2    1  root      Sl  init-systemd(Ub
  9    2  root      Sl  init
 40    1  root      S<s  systemd-journal
 94    1  root      Ss  systemd-udevd
122    1  systemd+ Ss  systemd-resolve
160    1  root      Ssl alertmanager
161    1  root      Ss  cron
162    1  message+ Ss  dbus-daemon
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -1 122
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -9 122
kill: (122): No such process
root@DESKTOP-IEMRB2F:~/process-mgmt# sudo kill -9 162
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -eo pid,ppid,user,stat,comm | head
 PID  PPID USER      STAT COMMAND
  1    0  root      Rs   systemd
  2    1  root      Sl  init-systemd(Ub
  9    2  root      Sl  init
 40    1  root      S<s  systemd-journal
 94    1  root      Ss  systemd-udevd
160    1  root      Ssl alertmanager
161    1  root      Ss  cron
170    1  root      Ssl prometheus
175    1  root      Ss  systemd-logind
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: inactive (dead)
    Docs: man:nginx(8)
root@DESKTOP-IEMRB2F:~/process-mgmt# susyemctl status nginx
susyemctl: command not found
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
```



```
Administrator Select root@DESKTOP-IEMRB2F: ~/process-mgmt
  Active: inactive (dead)
    Docs: man:nginx(8)
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: inactive (dead)
    Docs: man:nginx(8)
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl start nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: active (running) since Thu 2026-01-22 09:26:18 UTC; 10s ago
    Docs: man:nginx(8)
  Process: 1346 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1348 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Main PID: 1349 (nginx)
    Tasks: 5 (limit: 4626)
   Memory: 5.0M (peak: 5.6M)
     CPU: 76ms
    CGroup: /system.slice/nginx.service
            ├─1349 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
            ├─1350 "nginx: worker process"
            ├─1351 "nginx: worker process"
            ├─1352 "nginx: worker process"
            └─1353 "nginx: worker process"

Jan 22 09:26:17 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:26:18 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl stop nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: inactive (dead)
    Docs: man:nginx(8)
```



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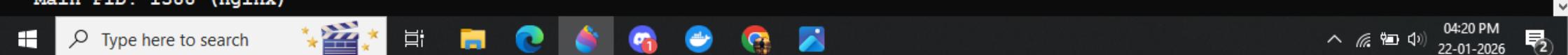
```
>Select root@DESKTOP-IEMRB2F: ~/process-mgmt
└─1353 "nginx: worker process"

Jan 22 09:26:17 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:26:18 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl stop nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: inactive (dead)
    Docs: man:nginx(8)

Jan 22 09:26:17 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:26:18 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: Stopping nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: nginx.service: Deactivated successfully.
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: Stopped nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl restart nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 6s ago
    Docs: man:nginx(8)
  Process: 1385 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1387 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
 Main PID: 1388 (nginx)
   Tasks: 5 (limit: 4626)
  Memory: 3.6M (peak: 4.1M)
    CPU: 58ms
   CGroup: /system.slice/nginx.service
           ├─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
           ├─1389 "nginx: worker process"
           ├─1390 "nginx: worker process"
           ├─1391 "nginx: worker process"
           └─1392 "nginx: worker process"
```

```
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Jan 22 09:26:18 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: Stopping nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: nginx.service: Deactivated successfully.
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: Stopped nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl restart nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
   Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 6s ago
     Docs: man:nginx(8)
  Process: 1385 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
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            ├─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
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            └─1392 "nginx: worker process"

Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl reload nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
   Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 28s ago
     Docs: man:nginx(8)
  Process: 1385 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1387 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1406 ExecReload=/usr/sbin/nginx -g daemon on; master_process on; -s reload (code=exited, status=0/SUCCESS)
 Main PID: 1388 (nginx)
```



```
⚠ Select root@DESKTOP-IEMRB2F: ~/process-mgmt
Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl reload nginx
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
   Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 28s ago
     Docs: man:nginx(8)
  Process: 1385 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1387 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1406 ExecReload=/usr/sbin/nginx -g daemon on; master_process on; -s reload (code=exited, status=0/SUCCESS)
 Main PID: 1388 (nginx)
    Tasks: 5 (limit: 4626)
   Memory: 3.8M (peak: 7.3M)
     CPU: 104ms
    CGroup: /system.slice/nginx.service
            ├─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
            ├─1407 "nginx: worker process"
            ├─1409 "nginx: worker process"
            ├─1410 "nginx: worker process"
            └─1411 "nginx: worker process"

Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloading nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:30 DESKTOP-IEMRB2F nginx[1406]: 2026/01/22 09:27:30 [notice] 1406#1406: signal process started
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
   Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 1min 0s ago
     Docs: man:nginx(8)
  Process: 1385 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1387 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 1406 ExecReload=/usr/sbin/nginx -g daemon on; master_process on; -s reload (code=exited, status=0/SUCCESS)
 Main PID: 1388 (nginx)
```



Type here to search



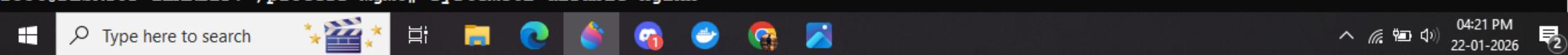
04:20 PM
22-01-2026

```
⚠ Select root@DESKTOP-IEMRB2F: ~/process-mgmt
Jan 22 09:27:30 DESKTOP-IEMRB2F nginx[1406]: 2026/01/22 09:27:30 [notice] 1406#1406: signal process started
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# journalctl -u nginx --since "1 hour ago"
Jan 22 09:26:17 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:26:18 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: Stopping nginx.service - A high performance web server and a reverse proxy server...
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Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl enable nginx
Unknown command verb 'enable', did you mean 'enable'?
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl enable nginx
Synchronizing state of nginx.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable nginx
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
  Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 3min 29s ago
    Docs: man:nginx(8)
 Main PID: 1388 (nginx)
   Tasks: 5 (limit: 4626)
  Memory: 3.8M (peak: 7.3M)
     CPU: 104ms
    CGroup: /system.slice/nginx.service
            └─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
              ├─1407 "nginx: worker process"
              ├─1409 "nginx: worker process"
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Jan 22 09:26:51 DESKTOP-IEMRB2F systemd[1]: nginx.service: Deactivated successfully.
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Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl enable nginx
Unknown command verb 'enablrl', did you mean 'enable'?
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl enable nginx
Synchronizing state of nginx.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable nginx
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 3min 29s ago
     Docs: man:nginx(8)
 Main PID: 1388 (nginx)
    Tasks: 5 (limit: 4626)
   Memory: 3.8M (peak: 7.3M)
    CPU: 104ms
   CGroup: /system.slice/nginx.service
           ├─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
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           └─1411 "nginx: worker process"

Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
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Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl disable nginx
```



```
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Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloading nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:30 DESKTOP-IEMRB2F nginx[1406]: 2026/01/22 09:27:30 [notice] 1406#1406: signal process started
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl disable nginx
Synchronizing state of nginx.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install disable nginx
Removed "/etc/systemd/system/multi-user.target.wants/nginx.service".
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 3min 59s ago
    Docs: man:nginx(8)
 Main PID: 1388 (nginx)
   Tasks: 5 (limit: 4626)
  Memory: 3.8M (peak: 7.3M)
     CPU: 104ms
    CGroup: /system.slice/nginx.service
            ├─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
            ├─1407 "nginx: worker process"
            ├─1409 "nginx: worker process"
            ├─1410 "nginx: worker process"
            └─1411 "nginx: worker process"

Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloading nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:30 DESKTOP-IEMRB2F nginx[1406]: 2026/01/22 09:27:30 [notice] 1406#1406: signal process started
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl is-enabled nginx
disabled
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
  Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 4min 50s ago
```



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```
⚠ Select root@DESKTOP-IEMRB2F: ~/process-mgmt
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl is-enabled nginx
disabled
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: enabled)
   Active: active (running) since Thu 2026-01-22 09:27:09 UTC; 4min 50s ago
     Docs: man:nginx(8)
 Main PID: 1388 (nginx)
    Tasks: 5 (limit: 4626)
   Memory: 3.8M (peak: 7.3M)
      CPU: 104ms
     CGroup: /system.slice/nginx.service
             ├─1388 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             ├─1407 "nginx: worker process"
             ├─1409 "nginx: worker process"
             ├─1410 "nginx: worker process"
             └─1411 "nginx: worker process"

Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:09 DESKTOP-IEMRB2F systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloading nginx.service - A high performance web server and a reverse proxy server...
Jan 22 09:27:30 DESKTOP-IEMRB2F nginx[1406]: 2026/01/22 09:27:30 [notice] 1406#1406: signal process started
Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.
root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl is-enabled nginx
disabled
root@DESKTOP-IEMRB2F:~/process-mgmt# top
top - 09:37:03 up 1:26, 2 users, load average: 0.05, 0.13, 0.36
Tasks: 34 total, 1 running, 33 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.5 sy, 0.0 ni, 99.2 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 3865.2 total, 1440.1 free, 816.2 used, 1773.1 buff/cache
MiB Swap: 1024.0 total, 1024.0 free, 0.0 used. 3049.1 avail Mem

      PID USER      PR  NI    VIRT    RES    SHR S %CPU %MEM     TIME+ COMMAND
        1 root      20   0  22032 13164  9580 S  0.3  0.3  0:12.47 systemd
        40 root     19  -1  50724 16768 15872 S  0.3  0.4  0:01.69 systemd-journal
```

Select root@DESKTOP-IEMRB2F: ~/process-mgmt

Jan 22 09:27:30 DESKTOP-IEMRB2F systemd[1]: Reloaded nginx.service - A high performance web server and a reverse proxy server.

root@DESKTOP-IEMRB2F:~/process-mgmt# systemctl is-enabled nginx
disabled

root@DESKTOP-IEMRB2F:~/process-mgmt# top

top - 09:37:03 up 1:26, 2 users, load average: 0.05, 0.13, 0.36

Tasks: 34 total, 1 running, 33 sleeping, 0 stopped, 0 zombie

%Cpu(s): 0.3 us, 0.5 sy, 0.0 ni, 99.2 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st

MiB Mem : 3865.2 total, 1440.1 free, 816.2 used, 1773.1 buff/cache

MiB Swap: 1024.0 total, 1024.0 free, 0.0 used. 3049.1 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	20	0	22032	13164	9580	S	0.3	0.3	0:12.47	systemd
40	root	19	-1	50724	16768	15872	S	0.3	0.4	0:01.69	systemd-journal
160	root	20	0	1255072	35800	22400	S	0.3	0.9	0:03.64	alertmanager
1261	systemd+	20	0	21456	13056	10880	S	0.3	0.3	0:00.29	systemd-resolve
2	root	20	0	3120	2048	1920	S	0.0	0.1	0:00.03	init-systemd(Ub)
9	root	20	0	3120	1792	1792	S	0.0	0.0	0:00.00	init
94	root	20	0	25172	6400	4992	S	0.0	0.2	0:00.36	systemd-udevd
161	root	20	0	4236	2560	2432	S	0.0	0.1	0:00.01	cron
170	root	20	0	1483788	88448	58956	S	0.0	2.2	0:03.01	prometheus
175	root	20	0	18156	8576	7680	S	0.0	0.2	0:00.22	systemd-logind
211	root	20	0	19552	8448	7296	S	0.0	0.2	0:00.07	(agetty)
214	root	20	0	1949716	48596	34304	S	0.0	1.2	0:01.17	containerd
218	syslog	20	0	222508	5504	4608	S	0.0	0.1	0:00.55	rsyslogd
222	root	20	0	3116	1920	1792	S	0.0	0.0	0:00.02	agetty
267	root	20	0	2051852	74308	52864	S	0.0	1.9	0:01.21	dockerd
648	root	20	0	3124	768	768	S	0.0	0.0	0:00.00	SessionLeader
650	root	20	0	3140	1152	1024	S	0.0	0.0	0:00.29	Relay(654)
654	asmat	20	0	10004	9216	3584	S	0.0	0.2	0:00.14	bash
655	root	20	0	6692	4608	3840	S	0.0	0.1	0:00.03	login
702	asmat	20	0	20356	11264	9216	S	0.0	0.3	0:00.39	systemd
703	asmat	20	0	21152	3520	1792	S	0.0	0.1	0:00.00	(sd-pam)
729	asmat	20	0	9888	8832	3456	S	0.0	0.2	0:00.07	bash
1184	root	20	0	14316	6940	5760	S	0.0	0.2	0:00.53	sudo
1187	root	20	0	14316	2536	1280	S	0.0	0.1	0:00.00	sudo



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```
Select root@DESKTOP-IEMRB2F: ~/process-mgmt
 1191 root      20  0  20356 11392  9344 S    0.0   0.3  0:00.58 systemd
 1192 root      20  0  21156  3504  1792 S    0.0   0.1  0:00.00 (sd-pam)
 1212 root      20  0   5124  4096  3584 S    0.0   0.1  0:00.21 bash
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p <PID> -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
bash: PID: No such file or directory
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 1 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
    1      0 root      1.4  0.3 Ss        14:49 /sbin/init
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 40 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
    40      1 root      0.1  0.4 S<s        15:00 /usr/lib/systemd/systemd-journald
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 160 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
   160      1 root      0.4  0.9 Ssl       15:08 /home/asmat/alertmanager-0.28.1.linux-amd64/alertmanager --config.file=/home/asmat
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 211 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
   211      1 root      0.0  0.2 Ss        15:19 (agetty)
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 654 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
   654     650 asmat      0.0  0.2 Ss        15:21 -bash
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 702 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
   702      1 asmat      0.0  0.2 Ss        15:30 /usr/lib/systemd/systemd --user
root@DESKTOP-IEMRB2F:~/process-mgmt# ps -p 1187 -o pid,ppid,user,%cpu,%mem,stat,etime,cmd
  PID  PPID USER      %CPU %MEM STAT      ELAPSED CMD
  1187    1184 root      0.0  0.0 Ss        15:32 sudo su
root@DESKTOP-IEMRB2F:~/process-mgmt# free -h
              total        used        free      shared  buff/cache   available
Mem:      3.8Gi      812Mi      1.4Gi      4.4Mi      1.7Gi      3.0Gi
Swap:      1.0Gi        0B      1.0Gi
root@DESKTOP-IEMRB2F:~/process-mgmt# iostat -xz 1 5
Command 'iostat' not found, but can be installed with:
apt install sysstat
root@DESKTOP-IEMRB2F:~/process-mgmt# apt install sysstat
Reading package lists... Done
```



Select root@DESKTOP-IEMRB2F: ~/process-mgmt

root@DESKTOP-IEMRB2F:~/process-mgmt# iostat -xz 1 5
Linux 6.6.87.2-microsoft-standard-WSL2 (DESKTOP-IEMRB2F)

01/22/26

_x86_64_

(4 CPU)

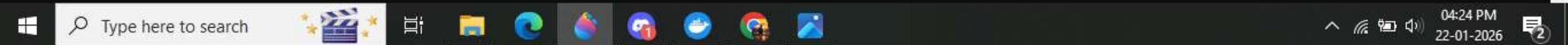
avg-cpu: %user %nice %system %iowait %steal %idle
1.19 0.00 1.42 7.60 0.00 89.79

Device	r/s	rkB/s	rrqm/s	%rrqm	r_await	rareq-sz	w/s	wkB/s	wrqm/s	%wrqm	w_await	wareq-sz	d/s	dkB/s
drqm/s	%drqm	d_await	dareq-sz	f/s	f_await	aqu-sz	%util							
loop0	0.02	0.38	0.00	0.00	39.80	22.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loop1	0.57	47.00	0.00	0.00	354.44	82.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sda	0.20	13.20	0.08	27.83	23.49	65.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sdb	0.04	2.08	0.01	25.36	63.03	56.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sdc	0.02	0.40	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	122.00	2.00	0.00	0.00
sdd	0.11	4.85	0.04	26.52	30.21	44.12	0.04	0.04	0.00	5.91	22.74	1.03	0.00	0.00
sde	0.50	3.50	0.00	102.63	0.00	0.28								
sdf	2.75	61.91	0.21	6.96	53.83	22.55	0.14	3.61	0.77	84.60	323.76	25.88	0.00	0.00
	0.00	0.00	0.00	0.02	84.33	0.19	6.30							
	5.87	301.32	2.41	29.11	33.95	51.36	5.10	93.20	3.03	37.27	50.77	18.28	0.10	584.64
	0.01	10.44	1.49	5715.36	0.52	53.32	0.49	7.35						

avg-cpu: %user %nice %system %iowait %steal %idle
0.26 0.00 1.28 0.00 0.00 98.47

Device	r/s	rkB/s	rrqm/s	%rrqm	r_await	rareq-sz	w/s	wkB/s	wrqm/s	%wrqm	w_await	wareq-sz	d/s	dkB/s
drqm/s	%drqm	d_await	dareq-sz	f/s	f_await	aqu-sz	%util							
loop0	0.02	0.38	0.00	0.00	39.80	22.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loop1	0.57	47.00	0.00	0.00	354.44	82.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sda	0.20	13.20	0.08	27.83	23.49	65.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sdb	0.04	2.08	0.01	25.36	63.03	56.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sdc	0.02	0.40	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	122.00	2.00	0.00	0.00
sdd	0.11	4.85	0.04	26.52	30.21	44.12	0.04	0.04	0.00	5.91	22.74	1.03	0.00	0.00
sde	0.50	3.50	0.00	102.63	0.00	0.28								
sdf	2.75	61.91	0.21	6.96	53.83	22.55	0.14	3.61	0.77	84.60	323.76	25.88	0.00	0.00
	0.00	0.00	0.00	0.02	84.33	0.19	6.30							
	5.87	301.32	2.41	29.11	33.95	51.36	5.10	93.20	3.03	37.27	50.77	18.28	0.10	584.64
	0.01	10.44	1.49	5715.36	0.52	53.32	0.49	7.35						

avg-cpu: %user %nice %system %iowait %steal %idle
0.25 0.00 0.00 0.00 0.00 99.75



```
Select root@DESKTOP-IEMRB2F: ~/process-mgmt
      0.25    0.00    0.00    0.00    0.00   99.75

Device      r/s     rkB/s   rrqm/s %rrqm r_await rareq-sz      w/s     wkB/s   wrqm/s %wrqm w_await wareq-sz      d/s     dkB/s
 drqm/s %drqm d_await dareq-sz      f/s f_await aqu-sz %util

avg-cpu: %user  %nice %system %iowait %steal  %idle
      0.00    0.00    0.00    0.00    0.00 100.00

Device      r/s     rkB/s   rrqm/s %rrqm r_await rareq-sz      w/s     wkB/s   wrqm/s %wrqm w_await wareq-sz      d/s     dkB/s
 drqm/s %drqm d_await dareq-sz      f/s f_await aqu-sz %util

avg-cpu: %user  %nice %system %iowait %steal  %idle
      2.53    0.00    2.53    1.26    0.00  93.69

Device      r/s     rkB/s   rrqm/s %rrqm r_await rareq-sz      w/s     wkB/s   wrqm/s %wrqm w_await wareq-sz      d/s     dkB/s
 drqm/s %drqm d_await dareq-sz      f/s f_await aqu-sz %util
 sdf        0.00    0.00    0.00    0.00    0.00    0.00    0.00    2.00    24.00    4.00   66.67   36.50    12.00    0.00    0.00
      0.00    0.00    0.00    0.00    2.00   29.50    0.13    7.20

root@DESKTOP-IEMRB2F:~/process-mgmt#
```

Select root@DESKTOP-IEMRB2F: ~/process-mgmt

avg-cpu:: command not found

root@DESKTOP-IEMRB2F:~/process-mgmt# sudo ss -tulpn | grep nginx

tcp LISTEN 0 511 0.0.0.0:80 0.0.0.0:* users:(("nginx",pid=1411,fd=5),("nginx",pid=1410,fd=5),("nginx",pid=1409,fd=5),("nginx",pid=1407,fd=5),("nginx",pid=1388,fd=5))

tcp LISTEN 0 511 [::]:80 [::]:* users:(("nginx",pid=1411,fd=6),("nginx",pid=1410,fd=6),("nginx",pid=1409,fd=6),("nginx",pid=1407,fd=6),("nginx",pid=1388,fd=6))

root@DESKTOP-IEMRB2F:~/process-mgmt# ■



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