Red Hat Enterprise Linux Release 9.2 Manual Pages on 'podman-container-top.1' command

$ man podman-container-top.1

podman-top(1)   General Commands Manual   podman-top(1)

NAME

   podman-top - Display the running processes of a container

SYNOPSIS

   podman top [options] container [format-descriptors]

   podman container top [options] container [format-descriptors]

DESCRIPTION

   Display the running processes of the container. The format-descriptors

   are ps (1) compatible AIX format descriptors but extended to print ad?

   ditional information, such as the seccomp mode or the effective capa?

   bilities of a given process. The descriptors can either be passed as

   separated arguments or as a single comma-separated argument. Note that

   options and or flags of ps(1) can also be specified; in this case, Pod?

   man will fallback to executing ps with the specified arguments and

   flags in the container. Please use the "h*" descriptors to extract

   host-related information. For instance, podman top $name hpid huser to

   display the PID and user of the processes in the host context.

OPTIONS

  --help, -h

   Print usage statement

  --latest, -l

   Instead of providing the container name or ID, use the last created

   container.   Note: the last started container could be from other users

of Podman on the host machine. (This option is not available with the

remote Podman client, including Mac and Windows (excluding WSL2) ma?

chines)

FORMAT DESCRIPTORS

The following descriptors are supported in addition to the AIX format

descriptors mentioned in ps (1):

args, capbnd, capeff, capinh, capprm, comm, etime, group, hgroup, hpid,

huser, label, nice, pcpu, pgid, pid, ppid, rgroup, ruser, seccomp,

state, time, tty, user, vsz

capbnd

Set of bounding capabilities. See capabilities (7) for more informa?

tion.

capeff

Set of effective capabilities. See capabilities (7) for more informa?

tion.

capinh

Set of inheritable capabilities. See capabilities (7) for more informa?

tion.

capprm

Set of permitted capabilities. See capabilities (7) for more informa?

tion.

hgroup

The corresponding effective group of a container process on the host.

hpid

The corresponding host PID of a container process.

huser

The corresponding effective user of a container process on the host.

label

Current security attributes of the process.

seccomp

Seccomp mode of the process (i.e., disabled, strict or filter). See

seccomp (2) for more information.

state

Process state codes (e.g, R for running, S for sleeping). See proc(5)

for more information.

stime

Process start time (e.g, "2019-12-09 10:50:36 +0100 CET).

EXAMPLES

By default, podman-top prints data similar to ps -ef:

```
$ podman top f5a62a71b07

USER  PID  PPID  %CPU  ELAPSED       TTY    TIME  COMMAND

root  1    0     0.000  20.386825206s  pts/0  0s    sh

root  7    1     0.000  16.386882887s  pts/0  0s    sleep

root  8    1     0.000  11.386886562s  pts/0  0s    vi
```

The output can be controlled by specifying format descriptors as argu?

ments after the container:

```
$ podman top -l pid seccomp args %C

PID  SECCOMP  COMMAND    %CPU

1    filter   sh         0.000

8    filter   vi /etc/   0.000
```

Podman will fallback to executing ps(1) in the container if an unknown

descriptor is specified.

```
$ podman top -l -- aux

USER  PID  PPID  %CPU  ELAPSED         TTY  TIME  COMMAND

root  1    0     0.000  1h2m12.497061672s  ?    0s    sleep 100000
```

SEE ALSO

podman(1), ps(1), seccomp(2), proc(5), capabilities(7)

HISTORY

July 2018, Introduce format descriptors by Valentin Rothberg vroth?

berg@suse.com ?mailto:vrothberg@suse.com?

December 2017, Originally compiled by Brent Baude bbaude@redhat.com

?mailto:bbaude@redhat.com?

<div align="center">podman-top(1)</div>