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

$ man podman-logs.1

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

NAME

   podman-logs - Display the logs of one or more containers

SYNOPSIS

   podman logs [options] container [container...]

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DESCRIPTION

   The podman logs command batch-retrieves whatever logs are present for

   one or more containers at the time of execution. This does not guaran?

   tee execution order when combined with podman run (i.e. the run may not

   have generated any logs at the time podman logs was executed).

OPTIONS

  --color

   Output the containers with different colors in the log.

  --follow, -f

   Follow log output. Default is false.

   Note: When following a container which is removed by podman container

   rm or removed on exit (podman run --rm ...), there is a chance that the

   log file will be removed before podman logs reads the final content.

  --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)

--names, -n

Output the container names instead of the container IDs in the log.

--since=TIMESTAMP

Show logs since TIMESTAMP. The --since option can be Unix timestamps,

date formatted timestamps, or Go duration strings (e.g. 10m, 1h30m)

computed relative to the client machine's time. Supported formats for

date   formatted   time   stamps   include   RFC3339Nano,   RFC3339,

2006-01-02T15:04:05, 2006-01-02T15:04:05.999999999, 2006-01-02Z07:00,

and 2006-01-02.

--tail=LINES

Output the specified number of LINES at the end of the logs. LINES

must be an integer. Defaults to -1, which prints all lines

--timestamps, -t

Show timestamps in the log outputs. The default is false

--until=TIMESTAMP

Show logs until TIMESTAMP. The --until option can be Unix timestamps,

date formatted timestamps, or Go duration strings (e.g. 10m, 1h30m)

computed relative to the client machine's time. Supported formats for

date   formatted   time   stamps   include   RFC3339Nano,   RFC3339,

2006-01-02T15:04:05, 2006-01-02T15:04:05.999999999, 2006-01-02Z07:00,

and 2006-01-02.

EXAMPLE

To view a container's logs:

podman logs -t b3f2436bdb978c1d33b1387afb5d7ba7e3243ed2ce908db431ac0069da86cb45

2017/08/07   10:16:21   Seeked

/var/log/crio/pods/eb296bd56fab164d4d3cc46e5776b54414af3bf543d138746b25832c816b933b/c49f49788da14f776b7aa93

fb97a2a71f9912f4e5a3e30397fca7dfe0ee0367b.log - &{Offset:0 Whence:0}

1:C 07 Aug 14:10:09.055 # oO0OoO00OoO0Oo Redis is starting oO0OoO00OoO0Oo

1:C 07 Aug 14:10:09.055 # Redis version=4.0.1, bits=64, commit=00000000, modified=0, pid=1, just started

1:C 07 Aug 14:10:09.055 # Warning: no config file specified, using the default config. In order to specify a config file

use redis-server /path/to/redis.conf

1:M 07 Aug 14:10:09.055 # You requested maxclients of 10000 requiring at least 10032 max file descriptors.

1:M 07 Aug 14:10:09.055 # Server can't set maximum open files to 10032 because of OS error: Operation not permitted.

1:M 07 Aug 14:10:09.055 # Current maximum open files is 4096. maxclients has been reduced to 4064 to compensate for low ulimit. If you need higher maxclients increase 'ulimit -n'.

1:M 07 Aug 14:10:09.056 * Running mode=standalone, port=6379.

1:M 07 Aug 14:10:09.056 # WARNING: The TCP backlog setting of 511 cannot be enforced because /proc/sys/net/core/somaxconn is set to the lower value of 128.

1:M 07 Aug 14:10:09.056 # Server initialized

To view only the last two lines in container's log:

podman logs --tail 2 b3f2436bdb97

WARNING: The TCP backlog setting of 511 cannot be enforced because /proc/sys/net/core/somaxconn is set to the lower value of 128.

Server initialized

To view all containers logs:

podman logs -t --since 0 myserver

1:M 07 Aug 14:10:09.055 # Server can't set maximum open files to 10032 because of OS error: Operation not permitted.

1:M 07 Aug 14:10:09.055 # Current maximum open files is 4096. maxclients has been reduced to 4064 to compensate for low ulimit. If you need higher maxclients increase 'ulimit -n'.

1:M 07 Aug 14:10:09.056 * Running mode=standalone, port=6379.

1:M 07 Aug 14:10:09.056 # WARNING: The TCP backlog setting of 511 cannot be enforced because /proc/sys/net/core/somaxconn is set to the lower value of 128.

1:M 07 Aug 14:10:09.056 # Server initialized

To view a containers logs since a certain time:

podman logs -t --since 2017-08-07T10:10:09.055837383-04:00 myserver

1:M 07 Aug 14:10:09.055 # Server can't set maximum open files to 10032 because of OS error: Operation not permitted.

1:M 07 Aug 14:10:09.055 # Current maximum open files is 4096. maxclients has been reduced to 4064 to compensate for low ulimit. If you need higher maxclients increase 'ulimit -n'.

1:M 07 Aug 14:10:09.056 * Running mode=standalone, port=6379.

1:M 07 Aug 14:10:09.056 # WARNING: The TCP backlog setting of 511 cannot be enforced because /proc/sys/net/core/somaxconn is set to the lower value of 128.

1:M 07 Aug 14:10:09.056 # Server initialized

To view a container's logs generated in the last 10 minutes:

podman logs --since 10m myserver

Server can't set maximum open files to 10032 because of OS error: Operation not permitted.

Current maximum open files is 4096. maxclients has been reduced to 4064 to compensate for low ulimit, Increase 'ulimit -n' when higher maxclients are required.

To view a container's logs until 30 minutes ago:

podman logs --until 30m myserver

AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using 10.0.2.100. Set the 'ServerName' directive globally to suppress this message

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[Tue Jul 20 13:18:14.223727 2021] [mpm_event:notice] [pid 1:tid 140021067187328] AH00489: Apache/2.4.48 (Unix) configured -- resuming normal operations

[Tue Jul 20 13:18:14.223819 2021] [core:notice] [pid 1:tid 140021067187328] AH00094: Command line: 'httpd -D FOREGROUND'

SEE ALSO

podman(1), podman-run(1), podman-rm(1)

HISTORY

February 2018, Updated by Brent Baude bbaude@redhat.com

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August 2017, Originally compiled by Ryan Cole rycole@redhat.com

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