



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'podman-logs.1'

\$ man podman-logs.1

podman-logs(1)() podman-logs(1)()

NAME

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

SYNOPSIS

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

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

DESCRIPTION

The podman logs command batch-retrieves whatever logs are present for one or more containers at the time of execution. This does not guarantee execution order when combined with podman run (i.e. your run may not have generated any logs at the time you execute podman logs).

OPTIONS

--follow, -f

Follow log output. Default is false.

Note: If you are following a container which is removed podman container rm or removed on exit podman run --rm ..., then there is a chance the 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. If you use methods other than Podman to run containers such as CRI-O, the last started container could be from either of those methods. (This option is not available with the remote Podman client)

--names, -n

Output the container name in the log

`--since=TIMESTAMP`

Show logs since `TIMESTAMP`. The `--since` option can be Unix timestamps, date formatted time stamps, 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`.

`--until=TIMESTAMP`

Show logs until `TIMESTAMP`. The `--until` option can be Unix timestamps, date formatted time stamps, 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`

EXAMPLE

To view a container's logs:

```
podman logs -t b3f2436bdb978c1d33b1387afb5d7ba7e3243ed2ce908db431ac0069da86cb45
```

```
                2017/08/07    10:16:21    Searched  
/var/log/crio/pods/eb296bd56fab164d4d3cc46e5776b54414af3bf543d138746b25832c816b933b/c49f49788da14f776b7aa93  
fb97a2a71f9912f4e5a3e30397fca7dfe0ee0367b.log - &{Offset:0 Whence:0}
```

```
1:C 07 Aug 14:10:09.055 # oO0OoO0OoO0Oo Redis is starting oO0OoO0OoO0Oo
```

```
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. If you need higher maxclients increase 'ulimit -n'.
```

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
```

```
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
```

```
[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-container-rm(1)

HISTORY

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

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

podman-logs(1)()