



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'virt-login-shell.1'***

**C:\>man virt-login-shell.1**

VIRT-LOGIN-SHELL(1)          Virtualization Support          VIRT-LOGIN-SHELL(1)

### NAME

virt-login-shell - tool to execute a shell within a container

### SYNOPSIS

virt-login-shell [OPTION]

### DESCRIPTION

The virt-login-shell program is a setuid shell that is used to join an LXC container that matches the user's name. If the container is not running, virt-login-shell will attempt to start the container. virt-login-shell is not allowed to be run by root. Normal users will get added to a container that matches their username, if it exists, and they are configured in /etc/libvirt/virt-login-shell.conf.

The basic structure of most virt-login-shell usage is:

```
virt-login-shell
```

### OPTIONS

-c CMD

Instruct the shell to run CMD instead of presenting an interactive shell prompt.

-h, --help

Display command line help usage then exit.

-V, --version

Display version information then exit.

### CONFIG

By default, virt-login-shell will execute the /bin/sh program for the user. You can modify this behaviour by defining the shell variable in /etc/libvirt/virt-login-shell.conf. e.g.

```
shell = [ "/bin/bash" ]
```

If the auto\_shell config option is set then it will attempt to automatically detect the shell from /etc/passwd inside the container. This should only be done if the container has a separate /etc directory from the host, otherwise it will end up recursively invoking virt-login-shell. e.g.

```
auto_shell = 1
```

By default no users are allowed to use virt-login-shell, if you want to allow certain users to use virt-login-shell, you need to modify the allowed\_users variable in /etc/libvirt/virt-login-shell.conf. e.g.

```
allowed_users = [ "tom", "dick", "harry" ]
```

## EXIT STATUS

virt-login-shell normally returns the exit status of the command it executed. If the command was killed by a signal, but that signal is not fatal to virt-login-shell, then it returns the signal number plus 128.

Exit status generated by virt-login-shell itself:

- ? 0 An option was used to learn more about this binary.
- ? 125 Generic error before attempting execution of the configured shell; for example, if libvirtd is not running.
- ? 126 The configured shell exists but could not be executed.
- ? 127 The configured shell could not be found.

## BUGS

Please report all bugs you discover. This should be done via either:

1. the mailing list

<https://libvirt.org/contact.html>

2. the bug tracker

<https://libvirt.org/bugs.html>

Alternatively, you may report bugs to your software distributor / vendor.

## AUTHOR

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## COPYRIGHT

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#### SEE ALSO

virsh(1), <https://libvirt.org/>

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