Linux Ubuntu 22.4.5 Manual Pages on command 'virt-login-shell.1'

$ 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 con?

    tainer that matches the user's name. If the container is not running, virt-lo?

    gin-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-lo?

    gin-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-lo?gin-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/password inside the container. This should only be done if the container has a separate /etc directory from the host, otherwise it will end up re?cursively 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 cer?tain 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-lo?gin-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 exam?ple, 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.

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SEE ALSO

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

<div align="center">VIRT-LOGIN-SHELL(1)</div>