



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'qemu-ga.8' command

\$ man qemu-ga.8

QEMU-GA(8) QEMU QEMU-GA(8)

NAME

qemu-ga - QEMU Guest Agent

SYNOPSIS

qemu-ga [OPTIONS]

DESCRIPTION

The QEMU Guest Agent is a daemon intended to be run within virtual ma-

chines. It allows the hypervisor host to perform various operations in

the guest, such as:

? get information from the guest

? set the guest's system time

? read/write a file

? sync and freeze the filesystems

? suspend the guest

? reconfigure guest local processors

? set user's password

? ...

qemu-ga will read a system configuration file on startup (located at

/etc/qemu-kvm/qemu-ga.conf by default), then parse remaining configura-

tion options on the command line. For the same key, the last option

wins, but the lists accumulate (see below for configuration file for?

mat).

OPTIONS

-m, --method=METHOD

Transport method: one of unix-listen, virtio-serial, or isa-serial, or vsock-listen (virtio-serial is the default).

-p, --path=PATH

Device/socket path (the default for virtio-serial is /dev/virtio-ports/org.qemu.guest_agent.0, the default for isa-serial is /dev/ttyS0). Socket addresses for vsock-listen are written as <cid>:<port>.

-l, --logfile=PATH

Set log file path (default is stderr).

-f, --pidfile=PATH

Specify pid file (default is /var/run/qemu-ga.pid).

-F, --fsfreeze-hook=PATH

Enable fsfreeze hook. Accepts an optional argument that specifies script to run on freeze/thaw. Script will be called with 'freeze'/'thaw' arguments accordingly (default is /etc/qemu-kvm/fsfreeze-hook). If using -F with an argument, do not follow -F with a space (for example: -F/var/run/fsfreeze-hook.sh).

-t, --statedir=PATH

Specify the directory to store state information (absolute paths only, default is /var/run).

-v, --verbose

Log extra debugging information.

-V, --version

Print version information and exit.

-d, --daemon

Daemonize after startup (detach from terminal).

-b, --block-rpcs=LIST

Comma-separated list of RPCs to disable (no spaces, use help to list available RPCs).

-D, --dump-conf

Dump the configuration in a format compatible with qemu-ga.conf

and exit.

-h, --help

Display this help and exit.

FILES

The syntax of the qemu-ga.conf configuration file follows the Desktop Entry Specification, here is a quick summary: it consists of groups of key-value pairs, interspersed with comments.

qemu-ga configuration sample

[general]

daemonize = 0

pidfile = /var/run/qemu-ga.pid

verbose = 0

method = virtio-serial

path = /dev/virtio-ports/org.qemu.guest_agent.0

statedir = /var/run

The list of keys follows the command line options:

????????????????????????????????

?Key ? Key type ?

????????????????????????????????

?daemon ? boolean ?

????????????????????????????????

?method ? string ?

????????????????????????????????

?path ? string ?

????????????????????????????????

?logfile ? string ?

????????????????????????????????

?pidfile ? string ?

????????????????????????????????

?fsfreeze-hook ? string ?

????????????????????????????????

?statedir ? string ?

????????????????????????????????

?verbose ? boolean ?

????????????????????????????????

?block-rpcs ? string list ?

????????????????????????????????

SEE ALSO

qemu(1)

AUTHOR

Michael Roth <mdroth@linux.vnet.ibm.com>

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