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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'qemu-ga.8'***

***\$ 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 configuration options on the command line. For the same key, the last option wins, but the lists accumulate (see below for configuration file format).

## OPTIONS

**-m, --method=METHOD**

Transport method: one of unix-listen, virtio-serial, or 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 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)

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