NAME

virt–log – Display log files from a virtual machine

SYNOPSIS

```
virt-log [--options] -d domname

virt-log [--options] -a disk.img [-a disk.img ...]
```

DESCRIPTION

`virt-log` is a command line tool to display the log files from the named virtual machine (or disk image).

This tool understands and displays both plain text log files (eg. */var/log/messages*) and binary formats such as the systemd journal.

To display other types of files, use **virt–cat**(1). To follow (tail) text log files, use **virt–tail**(1). To copy files out of a virtual machine, use **virt–copy–out**(1). To display the contents of the Windows Registry, use **virt–win–reg**(1).

EXAMPLES

Display the complete logs from a guest:

```
virt-log -d mydomain | less
```

Find out what DHCP IP address a VM acquired:

```
virt-log -d mydomain | grep 'dhclient.*bound to'
```

OPTIONS

−−help
> Display brief help.

−a file
−−add file
> Add *file* which should be a disk image from a virtual machine. If the virtual machine has multiple block devices, you must supply all of them with separate *−a* options.
>
> The format of the disk image is auto-detected. To override this and force a particular format use the *−−format=..* option.

−a URI
−−add URI
> Add a remote disk. See ''ADDING REMOTE STORAGE'' in **guestfish**(1).

−−blocksize=512
−−blocksize=4096
−−blocksize
> This parameter sets the sector size of the disk image. It affects all explicitly added subsequent disks after this parameter. Using *−−blocksize* with no argument switches the disk sector size to the default value which is usually 512 bytes. See also ''guestfs_add_drive_opts'' in **guestfs**(3).

−c URI
−−connect URI
> If using libvirt, connect to the given *URI*. If omitted, then we connect to the default libvirt hypervisor.
>
> If you specify guest block devices directly (*−a*), then libvirt is not used at all.

−d guest
−−domain guest
> Add all the disks from the named libvirt guest. Domain UUIDs can be used instead of names.

−−echo−keys
> When prompting for keys and passphrases, virt-log normally turns echoing off so you cannot see what you are typing. If you are not worried about Tempest attacks and there is no one else in the room you can specify this flag to see what you are typing.

−−format=raw|qcow2|..
−−format
> The default for the −*a* option is to auto-detect the format of the disk image. Using this forces the disk format for −*a* options which follow on the command line. Using −−*format* with no argument switches back to auto-detection for subsequent −*a* options.
>
> For example:
>
> ```
>   virt−log −−format=raw −a disk.img
> ```
>
> forces raw format (no auto-detection) for *disk.img*.
>
> ```
>   virt−log −−format=raw −a disk.img −−format −a another.img
> ```
>
> forces raw format (no auto-detection) for *disk.img* and reverts to auto-detection for *another.img*.
>
> If you have untrusted raw-format guest disk images, you should use this option to specify the disk format. This avoids a possible security problem with malicious guests (CVE−2010−3851).

−−key SELECTOR
> Specify a key for LUKS, to automatically open a LUKS device when using the inspection. ID can be either the libguestfs device name, or the UUID of the LUKS device.
>
> **−−key** ID:key:KEY_STRING
> > Use the specified KEY_STRING as passphrase.
>
> **−−key** ID:file:FILENAME
> > Read the passphrase from *FILENAME*.

−−keys−from−stdin
> Read key or passphrase parameters from stdin. The default is to try to read passphrases from the user by opening */dev/tty*.
>
> If there are multiple encrypted devices then you may need to supply multiple keys on stdin, one per line.

−v
−−verbose
> Enable verbose messages for debugging.

−V
−−version
> Display version number and exit.

−x   Enable tracing of libguestfs API calls.

EXIT STATUS
> This program returns 0 if successful, or non-zero if there was an error.

SEE ALSO
> **guestfs** (3),   **guestfish** (1),   **virt−cat** (1),   **virt−copy−out** (1),   **virt−tail** (1),   **virt−tar−out** (1), **virt−win−reg** (1), http://libguestfs.org/.

AUTHOR
> Richard W.M. Jones http://people.redhat.com/~rjones/

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BUGS

To get a list of bugs against libguestfs, use this link: https://bugzilla.redhat.com/buglist.cgi?component=libguestfs&product=Virtualization+Tools

To report a new bug against libguestfs, use this link: https://bugzilla.redhat.com/enter_bug.cgi?component=libguestfs&product=Virtualization+Tools

When reporting a bug, please supply:

•   The version of libguestfs.

•   Where you got libguestfs (eg. which Linux distro, compiled from source, etc)

•   Describe the bug accurately and give a way to reproduce it.

•   Run **libguestfs−test−tool** (1) and paste the **complete, unedited** output into the bug report.