Red Hat Enterprise Linux Release 9.2 Manual Pages on 'lvm-dumpconfig.8' command

$ man lvm-dumpconfig.8

LVMCONFIG(8)   System Manager's Manual   LVMCONFIG(8)

NAME

    lvmconfig ? Display and manipulate configuration information

SYNOPSIS

    lvmconfig

      [option_args]

      [position_args]

DESCRIPTION

    lvmconfig, lvm config, lvm dumpconfig (for compatibility reasons, to be

    phased out) produce formatted output from the LVM configuration tree.

    The sources of the configuration data include lvm.conf(5) and command

    line settings from --config.

USAGE

    lvmconfig

      [-f|--file String]

      [-l|--list]

      [--atversion String]

      [--typeconfig current|default|diff|full|list|missing|new|

    profilable|profilable-command|profilable-metadata]

      [--ignoreadvanced]

      [--ignoreunsupported]

      [--ignorelocal]

      [--mergedconfig]

[--metadataprofile String]

[--sinceversion String]

[--showdeprecated]

[--showunsupported]

[--validate]

[--valuesonly]

[--withsummary]

[--withcomments]

[--withgeneralpreamble]

[--withlocalpreamble]

[--withspaces]

[--unconfigured]

[--withversions]

[COMMON_OPTIONS]

[String ...]

Common options for lvm:

[-d|--debug]

[-h|--help]

[-q|--quiet]

[-t|--test]

[-v|--verbose]

[-y|--yes]

[--commandprofile String]

[--config String]

[--devices PV]

[--devicesfile String]

[--driverloaded y|n]

[--journal String]

[--lockopt String]

[--longhelp]

[--nohints]

[--nolocking]

[--profile String]

[--version]

OPTIONS

   --atversion String

      Specify an LVM version in x.y.z format where x is the major ver?

      sion, the y is the minor version and z is the patchlevel (e.g.

      2.2.106).   When configuration is displayed, the configuration

      settings recognized at this LVM version will be considered only.

      This can be used to display a configuration that a certain LVM

      version understands and which does not contain any newer set?

      tings for which LVM would issue a warning message when checking

      the configuration.

   --commandprofile String

      The command profile to use for command configuration.   See

      lvm.conf(5) for more information about profiles.

   --config String

      Config settings for the command. These override lvm.conf(5) set?

      tings. The String arg uses the same format as lvm.conf(5), or

      may use section/field syntax. See lvm.conf(5) for more informa?

      tion about config.

   -d|--debug ...

      Set debug level. Repeat from 1 to 6 times to increase the detail

      of messages sent to the log file and/or syslog (if configured).

   --devices PV

      Restricts the devices that are visible and accessible to the

      command. Devices not listed will appear to be missing. This op?

      tion can be repeated, or accepts a comma separated list of de?

      vices. This overrides the devices file.

   --devicesfile String

      A file listing devices that LVM should use. The file must exist

      in /etc/lvm/devices/ and is managed with the lvmdevices(8) com?

      mand. This overrides the lvm.conf(5) devices/devicesfile and

      devices/use_devicesfile settings.

   --driverloaded y|n

If set to no, the command will not attempt to use device-mapper.

For testing and debugging.

-f|--file String

Write output to the named file.

-h|--help

Display help text.

--ignoreadvanced

Exclude advanced configuration settings from the output.

--ignorelocal

Ignore the local section. The local section should be defined in
the lvmlocal.conf file, and should contain config settings spe?
cific to the local host which should not be copied to other
hosts.

--ignoreunsupported

Exclude unsupported configuration settings from the output.
These settings are either used for debugging and development
purposes only or their support is not yet complete and they are
not meant to be used in production. The current and diff types
include unsupported settings in their output by default, all the
other types ignore unsupported settings.

--journal String

Record information in the systemd journal. This information is
in addition to information enabled by the lvm.conf log/journal
setting. command: record information about the command.   out?
put: record the default command output. debug: record full com?
mand debugging.

-l|--list

List config settings with summarizing comment. This is the same
as using options --typeconfig list --withsummary.

--lockopt String

Used to pass options for special cases to lvmlockd. See lvm?
lockd(8) for more information.

--longhelp

Display long help text.

--mergedconfig

When the command is run with --config and/or --commandprofile

(or using LVM_COMMAND_PROFILE environment variable), --profile,

or --metadataprofile, merge all the contents of the "config cas?

cade" before displaying it. Without merging, only the configu?

ration at the front of the cascade is   displayed.   See

lvm.conf(5) for more information about config.

--metadataprofile String

The metadata profile to use for command configuration. See

lvm.conf(5) for more information about profiles.

--nohints

Do not use the hints file to locate devices for PVs. A command

may read more devices to find PVs when hints are not used. The

command will still perform standard hint file invalidation where

appropriate.

--nolocking

Disable locking. Use with caution, concurrent commands may pro?

duce incorrect results.

--profile String

An alias for --commandprofile or --metadataprofile, depending on

the command.

-q|--quiet ...

Suppress output and log messages. Overrides --debug and --ver?

bose. Repeat once to also suppress any prompts with answer

'no'.

--showdeprecated

Include deprecated configuration settings in the output. These

settings are deprecated after a certain version. If a concrete

version is specified with --atversion, deprecated settings are

automatically included if the specified version is lower than

the version in which the settings were deprecated. The current

and diff types include deprecated settings in their output by

default, all the other types ignore deprecated settings.

--showunsupported

Include unsupported configuration settings in the output. These
settings are either used for debugging or development purposes
only, or their support is not yet complete and they are not
meant to be used in production. The current and diff types in?
clude unsupported settings in their output by default, all the
other types ignore unsupported settings.

--sinceversion String

Specify an LVM version in x.y.z format where x is the major ver?
sion, the y is the minor version and z is the patchlevel (e.g.
2.2.106). This option is currently applicable only with --type?
config new to display all configuration settings introduced
since given version.

-t|--test

Run in test mode. Commands will not update metadata.   This is
implemented by disabling all metadata writing but nevertheless
returning success to the calling function. This may lead to un?
usual error messages in multi-stage operations if a tool relies
on reading back metadata it believes has changed but hasn't.

--typeconfig current|default|diff|full|list|missing|new|profilable|

profilable-command|profilable-metadata
current prints the config settings that would be applied to an
lvm command (assuming the command does not override them on the
command line.) This includes: settings that have been modified
in lvm config files, settings that get their default values from
config files, and default settings that have been uncommented in
config files. default prints all settings with their default
values.   Changes made in lvm config files are not reflected in
the output. Some settings get their default values internally,
and these settings are printed as comments. Other settings get
their default values from config files, and these settings are
not printed as comments. diff prints only config settings that

have been modified from their default values in config files
(the difference between current and default.) full prints every
setting uncommented and set to the current value, i.e. how it
would be used by an lvm command. This includes settings modi?
fied in config files, settings that usually get defaults inter?
nally, and settings that get defaults from config files. list
prints all config names without values. missing prints settings
that are missing from the lvm config files. A missing setting
that usually gets its default from config files is printed un?
commented and set to the internal default. Settings that get
their default internally and are not set in config files are
printed commented with the internal default. new prints config
settings that have been added since the lvm version specified by
--sinceversion. They are printed with their default values.
profilable prints settings with their default values that can be
set from a profile.   profilable-command prints settings with
their default values that can be set from a command profile.
profilable-metadata prints settings with their default values
that can be set from a metadata profile. Also see lvm.conf(5).

--unconfigured

Internal option used for generating config file during build.

--validate

Validate current configuration used and exit with appropriate
return code. The validation is done only for the configuration
at the front of the "config cascade". To validate the whole
merged configuration tree, also use --mergedconfig. The valida?
tion is done even if lvm.conf(5) config/checks is disabled.

--valuesonly

When printing config settings, print only values without keys.

-v|--verbose ...

Set verbose level. Repeat from 1 to 4 times to increase the de?
tail of messages sent to stdout and stderr.

--version

Display version information.

--withcomments

Display a full comment for each configuration node. For depre?
cated settings, also display comments about deprecation.

--withgeneralpreamble

Include general config file preamble.

--withlocalpreamble

Include local config file preamble.

--withspaces

Where appropriate, add more spaces in output for better read?
ability.

--withsummary

Display a one line comment for each configuration node.

--withversions

Also display a comment containing the version of introduction
for each configuration node. If the setting is deprecated, also
display the version since which it is deprecated.

-y|--yes

Do not prompt for confirmation interactively but always assume
the answer yes. Use with extreme caution. (For automatic no,
see -qq.)

VARIABLES

String See the option description for information about the string con?
tent.

Size[UNIT]

Size is an input number that accepts an optional unit. Input
units are always treated as base two values, regardless of capi?
talization, e.g. 'k' and 'K' both refer to 1024. The default
input unit is specified by letter, followed by |UNIT. UNIT rep?
resents other possible input units: b|B is bytes, s|S is sectors
of 512 bytes, k|K is KiB, m|M is MiB, g|G is GiB, t|T is TiB,
p|P is PiB, e|E is EiB. (This should not be confused with the
output control --units, where capital letters mean multiple of

> 1000.)

ENVIRONMENT VARIABLES

See lvm(8) for information about environment variables used by lvm.

For example, LVM_VG_NAME can generally be substituted for a required VG

parameter.

SEE ALSO

lvm(8), lvm.conf(5), lvmconfig(8), lvmdevices(8),

pvchange(8), pvck(8), pvcreate(8), pvdisplay(8), pvmove(8),

pvremove(8), pvresize(8), pvs(8), pvscan(8),

vgcfgbackup(8), vgcfgrestore(8), vgchange(8), vgck(8), vgcreate(8),

vgconvert(8), vgdisplay(8), vgexport(8), vgextend(8), vgimport(8),

vgimportclone(8), vgimportdevices(8), vgmerge(8), vgmknodes(8),

vgreduce(8), vgremove(8), vgrename(8), vgs(8), vgscan(8), vgsplit(8),

lvcreate(8), lvchange(8), lvconvert(8), lvdisplay(8), lvextend(8),

lvreduce(8), lvremove(8), lvrename(8), lvresize(8), lvs(8), lvscan(8),

lvm-fullreport(8), lvm-lvpoll(8), blkdeactivate(8), lvmdump(8),

dmeventd(8), lvmpolld(8), lvmlockd(8), lvmlockctl(8), cmirrord(8),

lvmdbusd(8), fsadm(8),

lvmsystemid(7), lvmreport(7), lvmraid(7), lvmthin(7), lvmcache(7)