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Rocky Enterprise Linux 9.2 Manual Pages on command 'tuned-main.conf.5'

$ man tuned-main.conf.5

tuned-main.conf(5) tuned-main.conf file format description tuned-main.conf(5)

NAME

   tuned-main.conf - TuneD global configuration file

SYNOPSIS

   /etc/tuned/tuned-main.conf

DESCRIPTION

   This man page documents format of the TuneD global configuration file.

   The tuned-main.conf file uses the ini-file format.

   daemon=BOOL

      This defines whether TuneD will use daemon or not. It is boolean

      value.   It can be True or 1 if the daemon is enabled and False

      or 0 if disabled. It is not recommended to disable daemon, be?

      cause many functions will not work without daemon, e.g. there

      will be no D-Bus, no settings rollback, no hotplug support, no

      dynamic tuning, ...

   dynamic_tuning=BOOL

      This defines whether the dynamic tuning is enabled. It is bool?

      ean value. It can be True or 1 if the dynamic tuning is enabled

and False or 0 if disabled. In such case only the static tuning will be used. Please note if it is enabled here, it is still possible to individually disable it in plugins. It is only ap? plicable if daemon is enabled.

sleep_interval=INT

TuneD daemon is periodically waken after INT seconds and checks for events. By default this is set to 1 second. If you have Python 2 interpreter with applied patch from Red Hat Bugzilla #917709 this controls responsiveness time of TuneD to commands (i.e. if you request profile switch, it may take up to 1 second until TuneD reacts). Increase this number for higher respon? siveness times and more power savings (due to lower number of wakeups). In case you have unpatched Python 2 interpreter, this settings will have no visible effect, because the interpreter will poll 20 times per second. It is only applicable if daemon is enabled.

update_interval=INT

Update interval for dynamic tuning (in seconds). TuneD daemon is periodically waken after INT seconds, updates its monitors, cal? culates new tuning parameters for enabled plugins and applies the changes. Plugins that have disabled dynamic tuning are not processed. By default the INT is set to 10 seconds. TuneD daemon doesn't periodically wake if dynamic tuning is globally disabled (see dynamic_tuning) or this setting set to 0. This must be multiple of sleep_interval. It is only applicable if daemon is enabled.

recommend_command=BOOL

This controls whether recommend functionality will be enabled or not. It is boolean value. It can be True or 1 if the recommend command is enabled and False or 0 if disabled. If disabled rec? ommend command will be not available in CLI, TuneD will not parse recommend.conf and will return one hardcoded profile (by default balanced). It is only applicable if daemon is enabled.

By default it's set to True.

reapply_sysctl=BOOL

This controls whether to reapply sysctl settings from /run/sysctl.d/*.conf, /etc/sysctl.d/*.conf and /etc/sysctl.conf after TuneD sysctl settings are applied. These are locations supported by sysctl --system, excluding those that contain sysctl configuration files provided by system packages. So if reapply_sysctl is set to True or 1, TuneD sysctl settings will not override user-provided system sysctl settings. If set to False or 0, TuneD sysctl settings will override system sysctl settings. By default it's set to True.

default_instance_priority=INT

Default instance (unit) priority. By default it's 0. Each unit has a priority which is by default preset to the INT. It can be overridden in the TuneD profile by the priority option. TuneD units are processed in order defined by their priorities, i.e. unit with the lowest number is processed as the first.

EXAMPLE

no_daemon = 0

dynamic_tuning = 1

sleep_interval = 1

update_interval = 10

recommend_command = 0

reapply_sysctl = 1

default_instance_priority = 0

FILES

/etc/tuned/tuned-main.conf

SEE ALSO

tuned(8)

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REPORTING BUGS

Report bugs to https://bugzilla.redhat.com/.