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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tuned-adm.8' command

\$ man tuned-adm.8

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NAME

tuned-adm - command line tool for switching between different tuning profiles

SYNOPSIS

tuned-adm [list | active | profile [profile]... | profile_info [profile]... | off | auto_profile"|profile_mode| verify | recommend]

DESCRIPTION

This command line utility allows you to switch between user definable tuning profiles. Several predefined profiles are already included. You can even create your own profile, either based on one of the existing ones by copying it or make a completely new one. The distribution provided profiles are stored in subdirectories below /usr/lib/tuned and the user defined profiles in subdirectories below /etc/tuned. If there are profiles with the same name in both places, user defined profiles have precedence.

OPTIONS

list List all available profiles.

profiles List all available profiles.

plugins List all available plugins.

-v, --verbose List plugin's configuration options and their hints.

active Show current active profile.

profile [PROFILE_NAME]...

Switches to the given profile. If more than one profile is given, the profiles are merged (in case of conflicting settings, the setting from the last profile is used) and the resulting profile is applied. If no profile is given, then all available profiles are listed. If the profile given is not valid, the command gracefully exits without performing any operation.

profile_info [PROFILE_NAME]...

Show information/description of given profile or current profile if no profile is specified.

verify Verifies current profile against system settings. Outputs information whether system settings match current profile or not (e.g. somebody modified a sysfs/sysctl value by hand). Detailed information about what is checked, what value is set and what value is expected can be found in the log.

recommend

Recommend a profile suitable for your system. Currently only static detection is implemented - it decides according to data in /etc/system-release-cpe and virt-what output. The rules for autodetection are defined in the file /usr/lib/tuned/recommend.d/50-tuned.conf. The default rules recommend profiles targeted to the best performance, or the balanced profile if unsure.

The default rules can be overridden by the user by putting a file named recommend.conf into /etc/tuned, or by creating a file in the /etc/tuned/recommend.d directory. The file /etc/tuned/recommend.conf is evaluated first. If no match is found, the files in the /etc/tuned/recommend.d directory are merged with the files in the /usr/lib/tuned/recommend.d directory (if there is a file with the same name in both directories, the one from /etc/tuned/recommend.d is used) and the files are evaluated in alphabetical order. The first matching entry is used.

auto_profile

Enable automatic profile selection mode, switch to the recommended profile.

profile_mode

Show current profile selection mode.

off Unload tunings.

FILES

/etc/tuned/*

/usr/lib/tuned/*

SEE ALSO

tuned(8) tuned.conf(5) tuned-profiles(7) tuned-profiles-atomic(7)
tuned-profiles-sap(7) tuned-profiles-sap-hana(7) tuned-profiles-mssql(7)
tuned-profiles-oracle(7) tuned-profiles-realtime(7)
tuned-profiles-nfv-host(7) tuned-profiles-nfv-guest(7) tuned-profiles-cpu-partitioning(7)
tuned-profiles-compatible(7) tuned-profiles-postgresql(7) tuned-profiles-openshift(7)
tuned-profiles-spectrum(7) scale-ece(7)

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