NAME

urukctl – uruk control script

SYNOPSIS

urukctl *command* **[***argument***]**

DESCRIPTION

urukctl is the user interface for the uruk system. It is used to create or change saved iptables rulesets, to change the current loaded rulesets and to report on uruk's status.

See **uruk(8)** for information on how to get started with the Uruk system, and for a tutorial. This manpage gives just the details on **urukctl**.

The **urukctl** script calls **uruk** to process /etc/uruk/rc. (The uruk init script calls **urukctl**.)

These 4 ruleset pairs (for both IPv4 and IPv6) exist in a system using uruk:

- the ruleset as expressed in the uruk configuration /etc/uruk/rc,
- the 2 saved rulesets in `/var/lib/{iptables,ip6tables}/{active,inactive}`
- the ruleset as currently loaded in the running kernel
- optional: more rulesets saved in `/var/lib/{iptables,ip6tables}`

arguments

urukctl should be called as either `urukctl` *argument* or `urukctl` *argument option*. Possible values are:

start
If not yet done, save current iptables status in "inactive" ruleset. (Re)build and load the "active" ruleset.

save *ruleset*
Save the current iptables status in given ruleset.

create `<active|inactive>`
Create an "active" or "inactive" ruleset with sane defaults: "active" will be based upon the uruk rc file. "inactive" will allow all traffic.

load *ruleset*
Load a saved ruleset

reload
(Re)build and load the "active" ruleset, without temporarily clearing the current iptables status.

force-reload
(Re)build and load the "active" ruleset, in case uruk is running.

stop
Load the "inactive" ruleset.

restart

Perform stop-actions followed by start-actions.

status

Print the current status of the service: show which ruleset is loaded, and wether uruk is "running".

clear

Remove all rules and user-defined chains, set default policy to ACCEPT.

halt

Remove all rules and user-defined chains, set default policy to DROP.

flush

Flush all rules from the current iptables status.

configuration

urukctl uses the file /etc/default/uruk (on Debian, Ubuntu and related systems) or /etc/sysconfig/uruk (on Red Hat, Fedora and related systems) for configuration. Variables used in this file are:

enable_uruk_check

wether to check for existence and sanity of uruk rc file; set to false if you don't like this, e.g. when using the uruk initscript for managing saved rulesets only (i.e. not for calling uruk or uruk-save).

enable_ipv6

set to false to disable IPv6 support. Set to `$(enable-ipv6)` to dynamically decide wether to filter IPv6 traffic.

enable_uruk_save

enable calling the unstable uruk-save script.

enable_autosave

set to "false" to disable autosaving the active ruleset when going from start to stop.

enable_save_counters

set to "false" to disable saving table counters with rulesets.

SEE ALSO

uruk(8), **uruk-rc(5)**, **uruk-save(8)**. The Uruk homepage is at http://mdcc.cx/uruk/ .

iptables(8), **iptables-save(8)**, **iptables-restore(8)**, **ip6tables(8)**, **ip6tables-save(8)**, **ip6tables-restore(8)**, http://www.netfilter.org/

interfaces(5), http://packages.debian.org/ifupdown.

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