Rocky Enterprise Linux 9.2 Manual Pages on command 'iwpriv.8'

$ man iwpriv.8

IWPRIV(8)   Linux Programmer's Manual   IWPRIV(8)

NAME

   iwpriv - configure optionals (private) parameters of a wireless network interface

SYNOPSIS

   iwpriv [interface]

   iwpriv interface private-command [private-parameters]

   iwpriv interface private-command [I] [private-parameters]

   iwpriv interface --all

DESCRIPTION

   Iwpriv is the companion tool to iwconfig(8). Iwpriv deals with parameters and setting

   specific to each driver (as opposed to iwconfig which deals with generic ones).

   Without any argument, iwpriv list the available private commands available on each inter?

   face, and the parameters that they require. Using this information, the user may apply

   those interface specific commands on the specified interface.

   In theory, the documentation of each device driver should indicate how to use those inter?

   face specific commands and their effect.

PARAMETERS

   private-command [private-parameters]

      Execute the specified private-command on the interface.

      The command may optionally take or require arguments, and may display information.

      Therefore, the command line parameters may or may not be needed and should match

      the command expectations. The list of commands that iwpriv displays (when called

      without argument) should give you some hints about those parameters.

However you should refer to the device driver documentation for information on how to properly use the command and the effect.

private-command [I] [private-parameters]

Idem, except that I (an integer) is passed to the command as a Token Index. Only some command will use the Token Index (most will ignore it), and the driver docu‐mentation should tell you when it's needed.

-a/--all

Execute and display all the private commands that don't take any arguments (i.e. read only).

DISPLAY

For each device which support private commands, iwpriv will display the list of private commands available.

This include the name of the private command, the number or arguments that may be set and their type, and the number or arguments that may be display and their type.

For example, you may have the following display :

eth0   Available private ioctl :

setqualthr (89F0) : set   1 byte & get   0

gethisto (89F7) : set   0   & get 16 int

This indicate that you may set the quality threshold and display an histogram of up to 16 values with the following commands :

iwpriv eth0 setqualthr 20

iwpriv eth0 gethisto

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FILES

/proc/net/wireless

SEE ALSO

iwconfig(8), iwlist(8), iwevent(8), iwspy(8), wireless(7).

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