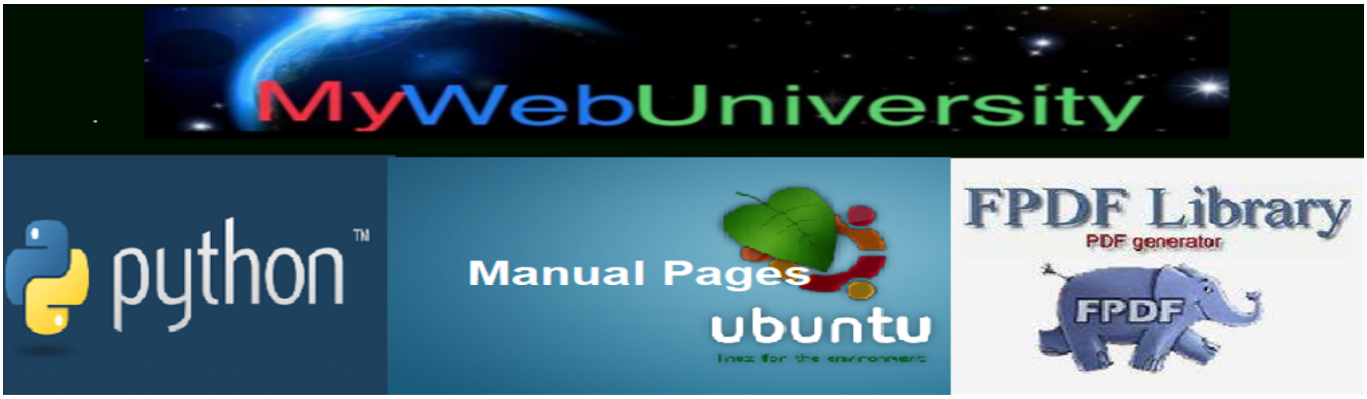

Rocky Enterprise Linux 9.2 Manual Pages on command 'pppoe-discovery.8'

$ man pppoe-discovery.8

PPPOE-DISCOVERY(8) System Manager's Manual PPPOE-DISCOVERY(8)

NAME

pppoe-discovery - perform PPPoE discovery

SYNOPSIS

pppoe-discovery [options]

pppoe-discovery { -V | -h }

DESCRIPTION

pppoe-discovery performs the same discovery process as pppoe, but does not initiate a ses?

sion. It sends a PADI packet and then prints the names of access concentrators in each

PADO packet it receives.

OPTIONS

-I interface

The -I option specifies the Ethernet interface to use. Under Linux, it is typi?

cally eth0 or eth1. The interface should be ?up? before you start pppoe-discovery,

but should not be configured to have an IP address. The default interface is eth0.

-D file_name

The -D option causes every packet to be dumped to the specified file_name. This is

intended for debugging only.

-U

Causes pppoe-discovery to use the Host-Uniq tag in its discovery packets. The value of the tag is derived from the process's PID number. This lets you run multiple instances of pppoe-discovery and/or pppd without having their discovery packets in? terfere with one another. You must supply this option to all instances that you intend to run simultaneously. This option is mutually exclusive with -W.

-W value

Causes pppoe-discovery to use the Host-Uniq tag in its discovery packets. The value of the tag is taken from the option argument, encoded as a string of hexadecimal digits. This lets you run multiple instances of pppoe-discovery and/or pppd with? out having their discovery packets interfere with one another. You must supply this option to all instances that you intend to run simultaneously. This option is mutually exclusive with -U.

-S service_name

Specifies the desired service name. pppoe-discovery will only accept access con? centrators which can provide the specified service. In most cases, you should not specify this option. Use it only if you know that there are multiple access con? centrators or know that you need a specific service name.

-C ac_name

Specifies the desired access concentrator name. pppoe-discovery will only accept the specified access concentrator. In most cases, you should not specify this op? tion. Use it only if you know that there are multiple access concentrators. If both the -S and -C options are specified, they must both match.

-Q

Causes pppoe-discovery to avoid printing discovered access concentrator names. This can be useful in scripts, which can use the exit code of the program to deter? mine whether any matching access concentrators were discovered.

-t timeout

Changes the discovery timeout for PADI requests, in seconds. The default value is 5 seconds.

-a attempts

Changes the number of PADI discovery attempts made. By default, 3 attempts are made to discover access concentrators before giving up.

-V | -h

Either of these options causes pppoe-discovery to print its version number and us? age information, then exit.

AUTHORS

pppoe-discovery was written by Marco d'Itri <md@linux.it>, based on pppoe by David F. Skoll <dfs@roaringpenguin.com>.

SEE ALSO

pppoe(8), pppoe-sniff(8)