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 session. 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 typically 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. This lets you run multiple instances of **pppoe−discovery** and/or **pppoe** without having their discovery packets interfere with one another. You must supply this option to *all* instances that you intend to run simultaneously.

−S *service_name*

Specifies the desired service name. **pppoe−discovery** will only accept access concentrators 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 concentrators 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 option. 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.

−A

This option is accepted for compatibility with **pppoe**, but has no effect.

−V | **−h**

Either of these options causes **pppoe−discovery** to print its version number and usage 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)