

**NAME**

radius.so – RADIUS authentication plugin for **pppd**(8)

**SYNOPSIS**

**pppd** [ *options* ] plugin radius.so

**DESCRIPTION**

The RADIUS plugin for **pppd** permits **pppd** to perform PAP, CHAP, MS-CHAP and MS-CHAPv2 authentication against a RADIUS server instead of the usual */etc/ppp/pap-secrets* and */etc/ppp/chap-secrets* files.

The RADIUS plugin is built on a library called **radiusclient** which has its own configuration files (usually in */etc/radiusclient*), consult those files for more information on configuring the RADIUS plugin

**OPTIONS**

The RADIUS plugin introduces one additional **pppd** option:

**radius-config-file** *filename*

The file *filename* is taken as the radiusclient configuration file. If this option is not used, then the plugin uses */etc/radiusclient/radiusclient.conf* as the configuration file.

**avpair** *attribute=value*

Adds an Attribute-Value pair to be passed on to the RADIUS server on each request.

**map-to-ifname**

Sets Radius NAS-Port attribute to number equal to interface name (Default)

**map-to-ttyname**

Sets Radius NAS-Port attribute value via libradiusclient library

**USAGE**

To use the plugin, simply supply the **plugin radius.so** option to **pppd**, and edit */etc/radiusclient/radiusclient.conf* appropriately. If you use the RADIUS plugin, the normal **pppd** authentication schemes (login, checking the */etc/ppp/\*-secrets* files) are skipped. The RADIUS server should assign an IP address to the peer using the RADIUS Framed-IP-Address attribute.

**SEE ALSO**

**pppd**(8) **pppd-radattr**(8)

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