Rocky Enterprise Linux 9.2 Manual Pages on command 'apt_auth.conf.5'

$ man apt_auth.conf.5

APT_AUTH.CONF(5)   APT   APT_AUTH.CONF(5)

NAME

    apt_auth.conf - Login configuration file for APT sources and proxies

DESCRIPTION

    APT configuration files like sources.list(5) or apt.conf(5) need to be accessible for

    everyone using apt tools on the system to have access to all package-related information

    like the available packages in a repository. Login information needed to connect to a

    proxy or to download data from a repository on the other hand shouldn't always be

    accessible by everyone and can hence not be placed in a file with world-readable file

    permissions.

    The APT auth.conf file /etc/apt/auth.conf, and .conf files inside /etc/apt/auth.conf.d can

    be used to store login information in a netrc-like format with restrictive file

    permissions.

NETRC-LIKE FORMAT

    The format defined here is similar to the format of the ~/.netrc file used by ftp(1) and

    similar programs interacting with servers. It is a simple token-based format with the

    following tokens being recognized; Unknown tokens will be ignored. Tokens may be separated

    by spaces, tabs or newlines.

    machine [protocol://]hostname[:port][/path]

        Entries are looked up by searching for the machine token matching the hostname of the

        URI apt needs login information for. Extending the netrc-format a portnumber can be

        specified. If no port is given the token matches for all ports. Similar the path is

        optional and only needed and useful if multiple repositories with different login

information reside on the same server. A machine token with a path matches if the path in the URI starts with the path given in the token. Once a match is made, the subsequent tokens are processed, stopping when the end of file is reached or another machine token is encountered.

If protocol is not specified, the entry only matches https and tor+https.

login name

The username to be used.

password string

The password to be used.

EXAMPLE

Supplying login information for a user named apt with the password debian for the sources.list(5) entry

deb https://example.org/debian bullseye main

could be done in the entry directly:

deb https://apt:debian@example.org/debian bullseye main

Alternatively an entry like the following in the auth.conf file could be used:

machine example.org

login apt

password debian

Or alternatively within a single line:

machine example.org login apt password debian

If you need to be more specific all of these lines will also apply to the example entry:

machine example.org/deb login apt password debian

machine example.org/debian login apt password debian

machine example.org/debian/ login apt password debian

On the other hand neither of the following lines apply:

machine example.org:443 login apt password debian

machine example.org/deb/ login apt password debian

machine example.org/ubuntu login apt password debian

machine example.orga login apt password debian

machine example.net login apt password debian

NOTES

Basic support for this feature is present since version 0.7.25, but was undocumented for

years. The documentation was added in version 1.5 changing also the implementation

slightly. For maximum backward compatibility you should avoid multiple machine tokens with

the same hostname, but if you need multiple they should all have a path specified in the

machine token.

Login information in auth.conf are more flexible than those in sources.list. For example,

login information can be specified for parts of a repository only, or if the sources.list

entry redirects elsewhere, login information for the redirect destination can be supplied.

FILES

/etc/apt/auth.conf

Login information for APT sources and proxies in a netrc-like format. Configuration

Item: Dir::Etc::netrc.

/etc/apt/auth.conf.d/*.conf

Login information for APT sources and proxies in a netrc-like format. Configuration

Item: Dir::Etc::netrcparts.

SEE ALSO

apt.conf(5) sources.list(5)

BUGS

APT bug page[1]. If you wish to report a bug in APT, please see

/usr/share/doc/debian/bug-reporting.txt or the reportbug(1) command.

AUTHOR

APT team

NOTES

1. APT bug page

http://bugs.debian.org/src:apt

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