NAME
nss_tacplus - TACACS+ nsswitch module

SYNOPSIS
passwd: **files tacplus**

DESCRIPTION
The **nss_tacplus** module is a loadable NSS module which provides a minimal identity service using a TACACS+ backend.

Due to the limitations of the TACACS+ protocol, the functionality provided by the **nss_tacplus** module is very limited: it can look up a user by name, but not by uid, and it cannot enumerate users.

To look up a user, the **nss_tacplus** module submits an authorization request with authentication method TAC_PLUS_AUTHEN_METH_NOT_SET, authentication type TAC_PLUS_AUTHEN_TYPE_NOT_SET, and authentication service TAC_PLUS_AUTHEN_SVC_LOGIN, for the "shell" service. If the response status is either TAC_PLUS_AUTHOR_STATUS_PASS_ADD or TAC_PLUS_AUTHOR_STATUS_PASS_REPL, the user is considered to exist and the **nss_tacplus** module fills out a *struct passwd* for it.

The following attributes, if included in the response from the TACACS+ server, are used to construct the response:

UID   Numeric user ID. Must be between 0 and UID_MAX. Defaults to 65534.

GID   Numeric primary group ID. Must be between 0 and GID_MAX. Defaults to 65534.

CLASS Login class. Left blank if not provided.

GECOS Display name. If not provided, the user name is used instead.

HOME Home directory. Defaults to */*.

SHELL Shell. Defaults to */bin/sh*.

Case is ignored when matching attribute names. If an attribute is included multiple times, the last value takes effect.

SEE ALSO
libtacplus(3), tacplus.conf(5), pam_tacplus(8)

HISTORY

The **nss_tacplus** module and this manual page were written by Dag-Erling Smórgrav *<des@FreeBSD.org>* for Klara Systems.