

**NAME**

system-auth-ac, password-auth-ac, smartcard-auth-ac, fingerprint-auth-ac – Common configuration files for PAMified services written by authconfig(8)

**SYNOPSIS**

**/etc/pam.d/system-auth-ac**

**DESCRIPTION**

The purpose of this configuration file is to provide common configuration file for all applications and service daemons calling PAM library.

The **system-auth** configuration file is included from all individual service configuration files with the help of the **include** directive. When authconfig(8) writes the system PAM configuration file it replaces the default **system-auth** file with a symlink pointing to **system-auth-ac** and writes the configuration to this file. The symlink is not changed on subsequent configuration changes even if it points elsewhere. This allows system administrators to override the configuration written by authconfig.

The authconfig now writes the authentication modules also into additional PAM configuration files **/etc/pam.d/password-auth-ac**, **/etc/pam.d/smartcard-auth-ac**, and **/etc/pam.d/fingerprint-auth-ac**. These configuration files contain only modules which perform authentication with the respective kinds of authentication tokens. For example **/etc/pam.d/smartcard-auth[-ac]** will not contain **pam\_unix** and **pam\_ldap** modules and **/etc/pam.d/password-auth[-ac]** will not contain **pam\_pkcs11** and **pam\_fprintd** modules.

The PAM configuration files of services which are accessed by remote connections such as sshd or ftpd now include the **/etc/pam.d/password-auth** configuration file instead of **/etc/pam.d/system-auth**.

**EXAMPLE**

Configure system to use pam\_tally2 for configuration of maximum number of failed logins. Also call pam\_access to verify if access is allowed.

Make **system-auth** symlink point to system-auth-local which contains:

```
auth      requisite    pam_access.so
auth      requisite    pam_tally2.so deny=3 lock_time=30 \
                    unlock_time=3600
auth      include      system-auth-ac
account   required     pam_tally2.so
account   include      system-auth-ac
password  include      system-auth-ac
session   include      system-auth-ac
```

**BUGS**

None known.

**SEE ALSO**

authconfig(8), authconfig-gtk(8), pam(8), system-auth(5)