


10. Federal Standards and Regulations

11. References

A. Encryption Standards


B. Audit System Reference

C. Revision History




By default, `pam_tty_audit` does **NOT** log keystrokes when the TTY is in password entry mode. Logging can be re-enabled by adding the `log_passwd` option along with the other options in the following way:

session required pam_tty



When you enable the module, the input is logged in the `/var/log/audit/audit.log` file, written by the `auditd` daemon. Note that the input is not logged immediately, because TTY auditing first stores the keystrokes in a buffer and writes the record periodically, or once the audited user logs out. The `audit.log` file contains *a*ll keystrokes entered by the specified user, including backspaces, delete and return keys, the control key and others. Although the contents of `audit.log` are human-readable it might be easier to use the **aureport** utility, which provides a TTY report in a format which is easy to read. You can use the following command as root:

~]# aureport --tty




The following is an example of how to configure `pam_tty_audit` to track the actions of the `root` user across all terminals and then review the input.

Example 7.8. Configuring pam_tty_audit to log root actions

Enter the following line in the `session` section of the `/etc/pam.d/system-auth` and `/etc/pam.d/password-auth` files:

session required pam_tty_au



Use the `aureport --tty` command to view the log. If the `root` user has logged in a TTY console at around 11:00 o'clock and tried to issue the `pwd` command, but then deleted it and issued `ls` instead, the report will look like this:

```
~]# aureport --tty -ts today | tai
40. 08/28/2014 11:00:27 901 0 ? 76
41. 08/28/2014 11:00:29 903 0 ? 76
```



For more information, see the `pam_tty_audit(8)` manual page.

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