

Send telegram message on every ssh login

Add script

Create file `/etc/login-notify.sh`

Modify TELEGRAM_BOT_TOKEN and TELEGRAM_SEND_TO variables. Optional set EXCLUDE_USERS for users about whom a message will not be sent.

```
#!/bin/sh

TELEGRAM_SEND_TO=123456789
TELEGRAM_BOT_TOKEN=123456789:someLETTERS
EXCLUDE_USERS="some_excluded_user another_excluded_user"

if ! echo "${EXCLUDE_USERS}" | grep -q "\<${PAM_USER}\>"; then
if [ "$PAM_TYPE" != "close_session" ]; then
    SSH_KEY=$(grep "Accepted publickey" /var/log/auth.log | tail -n 1 | awk '{print $NF}')
    WHERE_KEY=$(grep "found at" /var/log/auth.log | tail -n 1 | awk '{print $NF}')

    KEYS_PATH=$(echo "$WHERE_KEY" | cut -d ':' -f 1)
    KEYS_LINE=$(echo "$WHERE_KEY" | cut -d ':' -f 2)
    KEY_LINE=$(sed -n "${KEYS_LINE}p" "$KEYS_PATH")
    KEY_NAME=$(echo "$KEY_LINE" | cut -d ' ' -f 3)

    MESSAGE="Server: ${PAM_USER}@`hostname`%0Alogin: ${PAM_RHOST} ${KEY_NAME}"
    curl -s -X POST https://api.telegram.org/bot${TELEGRAM_BOT_TOKEN}/sendMessage -d
chat_id=${TELEGRAM_SEND_TO} -d text="$MESSAGE" > /dev/null &
fi
fi
```

Modify to make it executable

```
chmod +x /etc/login-notify.sh
```

Add script to execute for every login

Do it by modifying file `/etc/pam.d/sshd`, just add line to end of file by echo:

```
echo 'session optional pam_exec.so seteuid /etc/login-notify.sh' >> /etc/pam.d/sshd
```

Increase a log level

Script search for fingerprint, but doesn't know witch `authorized_keys` file used for auth. For get `authorized_keys` file location, we need to print location to `/var/log/auth.log`

Increase log level:

```
echo 'LogLevel VERBOSE' >> /etc/ssh/sshd_config
```

Restart ssh for updated log level:

```
sudo systemctl restart ssh
```

Revision #9

Created 5 April 2024 09:55:39 by annndruha

Updated 21 March 2026 10:22:54 by annndruha