

# VNC Notifications

VNC notifications example:

```
#!/bin/bash

alertme() {
    zenity --notify "Big brother watching"
}

while :
do
    netstat -a | grep vnc | grep ESTABLISHED && alertme
    sleep 60 #wait 60 seconds
done
```

Notify-Send script with more options than zenity:

<https://github.com/vlevit/notify-send.sh/blob/master/notify-send.sh>

```
./notify-send.sh --expire-time=-1 --
icon=/usr/share/icons/Humanity/apps/24/application-x-vnc.svg Subject Message
```

Alternative bash script inspired by notify-send:

```
#!/bin/bash
NOTIFY_ARGS=(--session
             --dest org.freedesktop.Notifications
             --object-path /org/freedesktop/Notifications)
APP_NAME="${0##*/}"
REPLACE_ID=0
EXPIRE_TIME=4000
ICON="/usr/share/icons/Humanity/apps/48/application-x-vnc.svg"
parse_notification_id(){
    sed 's/(uint32 \([0-9]\+\),)/\1/g'
}

HOSTNAME_TO_IGNORE_REGEX=".example.com"
#VNC loop
while true
do
    LOGGEDON=$(netstat -a -n | grep ":5900" | grep ESTABLISHED | sed
's/.*:5900 *(.*)::*/\1/g' | while read i; do host -t CNAME $i | head -1;
done | sed 's/.* \(.*)$HOSTNAME_TO_IGNORE_REGEX\./\1/g')
    if [ "`echo $LOGGEDON|wc -l`" -lt "2" ]
    then
        #Single VNC user, check again in 5 seconds
        sleep 5
    else
        #zenity --notification --text "Multiple VNC Conenctions:\n$LOGGEDON"
```

```
HINTS="\\"urgency\\": <byte 1>"

NOTIFICATION_ID=$(gdbus call "${NOTIFY_ARGS[@]}" \
    --method org.freedesktop.Notifications.Notify \
    "$APP_NAME" "$REPLACE_ID" "$ICON" "Multiple VNC
Connections" \
    "$LOGGEDON" \
    "[$ACTION]" "${HINTS}" "int32 $EXPIRE_TIME" \
    | parse_notification_id)

    sleep 4
    gdbus call "${NOTIFY_ARGS[@]}" --method
org.freedesktop.Notifications.CloseNotification "$NOTIFICATION_ID"
>/dev/null
    NOTIFICATION_ID=$(gdbus call "${NOTIFY_ARGS[@]}" \
    --method org.freedesktop.Notifications.Notify \
    "$APP_NAME" "$REPLACE_ID" "$ICON" "Multiple VNC
Connections" \
    "$LOGGEDON" \
    "[$ACTION]" "${HINTS}" "int32 $EXPIRE_TIME" \
    | parse_notification_id)

    sleep 4
    gdbus call "${NOTIFY_ARGS[@]}" --method
org.freedesktop.Notifications.CloseNotification "$NOTIFICATION_ID"
>/dev/null

fi
    sleep 4
done
```

From:  
<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:  
<http://wuff.dyndns.org/doku.php?id=linux:notifications>

Last update: **2023/05/29 11:55**

