

ubuntu 安装tigervnc

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```
1 root@iZ25q0jd99eZ:~# apt-get install tigervnc
2 Reading package lists... Done
3 Building dependency tree
4 Reading state information... Done
5 E: Unable to locate package tigervnc
```

```
root@iZ25q0jd99eZ:~# apt-get install tightvncserver
```

```
root@iZ25q0jd99eZ:~# apt-get install xtightvncviewer
```

```
root@iZ25q0jd99eZ:~/.vnc# apt-get install vnc4server
```

```
root@iZ25q0jd99eZ:~/.vnc# vnc4server
```

You will require a password to access your desktops.

Password:#设置登录密码

Verify:#密码认证

xauth: file /root/.Xauthority does not exist

New 'iZ25q0jd99eZ:1 (root)' desktop is iZ25q0jd99eZ:1

Creating default startup script /root/.vnc/xstartup

Starting applications specified in /root/.vnc/xstartup

Log file is /root/.vnc/iZ25q0jd99eZ:1.log

转载于:<https://www.cnblogs.com/bass6/p/5492191.html>

ubuntu远程桌面实现（包括解决connection problem,giving up问题）



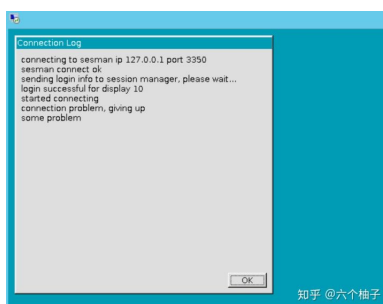
六个柚子
研究者

1 人赞同了该文章

之前搞了一阵子ubuntu 18.04.2的远程桌面，发现仅仅安装

```
sudo apt-get install xrdp
```

在用RDP远程的时候总是卡在登录界面，connection problem,giving up，some problem...



经过一阵折腾，好像是Ubuntu 18.04.2本身有改动，让XRDP不能正常运行。所以需要做一些小改动。

第一步：

```
sudo apt-get install xserver-xorg-core  
sudo apt-get -y install xserver-xorg-input-all
```

第二步，安装XRDP

```
sudo apt-get install xrdp
```

第三步：

```
sudo apt-get install xorgxrdp
```

这样就应该可以了。该教程比较简便，希望可以帮助到其他小伙伴。

参考资料：Issues with xRDP and Ubuntu 18.04.2 – How to fix it ^[1]

参考

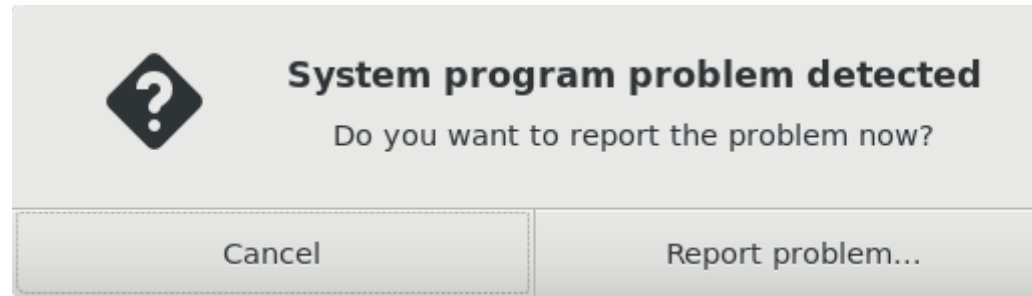
1. ^ <https://c-nergy.be/blog/?p=13390>

发布于 2019-11-24

Ubuntu 远程桌面 (mstsc)

xRDP – How to Fix the Infamous system crash popups in Ubuntu 18.04 (and previous versions)

May 13, 2018 / Griffon



Hello World,

Today's post is about a **recurring issue that occurs when using xRDP software solution** on Ubuntu systems. The **system crash** popup that appears each time you login into your remote session after performing the xRDP installation process. So far, we never had time to investigate this issue and usually this is considered as a minor annoyances for the users. We have spend some time in investigating this problem and this post will show you how to get rid of this crash message system.

Let's do this...

Our Scenario

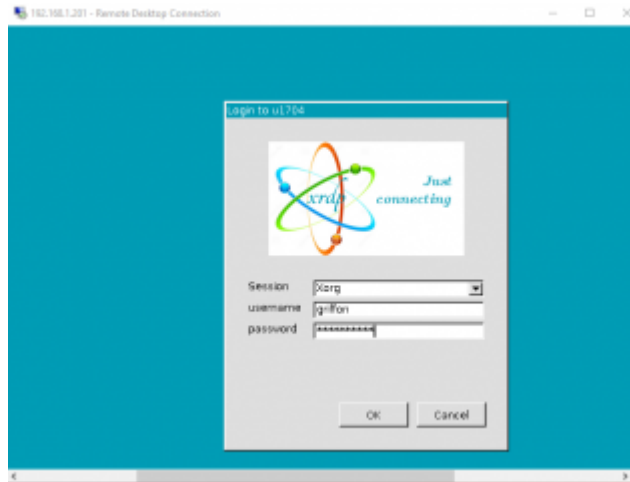
Initial Connection

Let's assume that we are performing a **manual installation** of xRDP package on **Ubuntu 18.04**. To perform this installation, we have simply issued the following command in a Terminal Console

```
sudo apt-get install xrdp
```

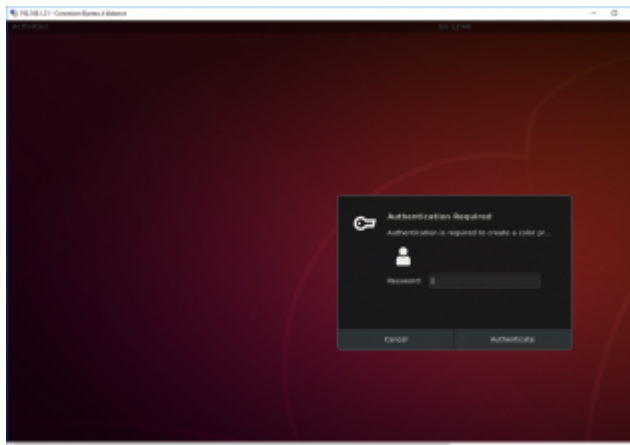
At this stage, we do not perform any additional configuration and we should be able to perform a remote connection to Ubuntu. So, start your favorite remote desktop client, provide ip address or hostname and you

should see the xrdp login page. Provide your credentials and Press OK



Click on picture for better resolution

If everything is ok, a remote connection to your system should be performed. However, you will notice that you have received a popup asking you to authenticate



Click on picture for better resolution

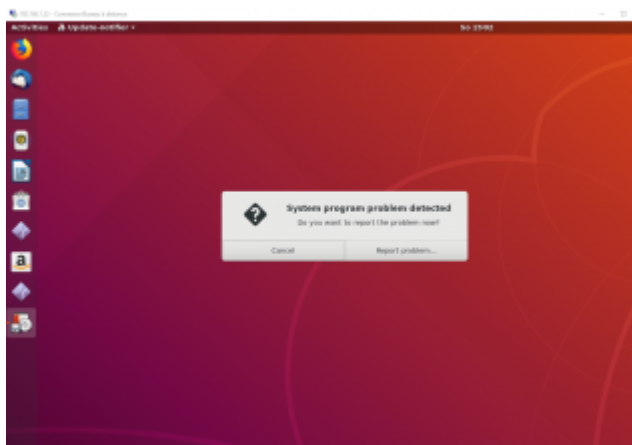
Identifying the root cause

In [our previous post](#), we have explained why this behavior was triggered. **PolKit authorization framework** is controlling which actions can be performed on the system by the users. However, we have not yet provided the way to configure Ubuntu to avoid these popups. We might publish a post about all the possible way to fix the popup issue. However, if you google and look on internet, the most frequent answer to solve this issue consists in two steps

- create a file in `/etc/polkit-1/localauthority.d.conf` called **02-allow-color.d.conf**
- copy/paste the text below in the file

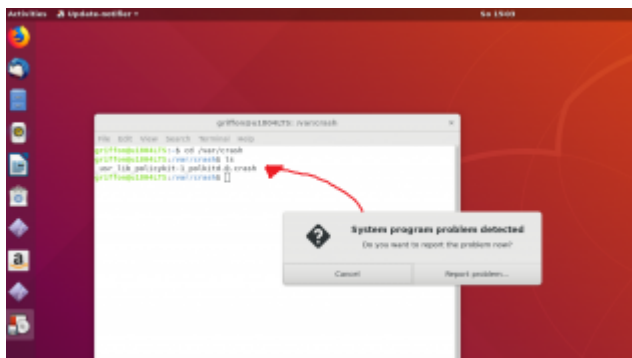
```
polkit.addRule(function(action, subject) {  
  if ((action.id == "org.freedesktop.color-manager.create-device" ||  
      action.id == "org.freedesktop.color-manager.create-profile" ||  
      action.id == "org.freedesktop.color-manager.delete-device" ||  
      action.id == "org.freedesktop.color-manager.delete-profile" ||  
      action.id == "org.freedesktop.color-manager.modify-device" ||  
      action.id == "org.freedesktop.color-manager.modify-profile") &&  
      subject.isInGroup("{users}")) {  
    return polkit.Result.YES;  
  }  
});
```

The file is basically an authorization file rules that can be used to override policies defined by the PolKit authorization framework component. This file is basically saying that if a user is part of the group **users** (in this example), it will be allowed to perform the colored actions defined in the policy file. With this configuration change in place, when performing a remote connection to Ubuntu, no more popups about **authentication required** will be displayed but the **system crash** popup start to showing up



Click on picture for better resolution

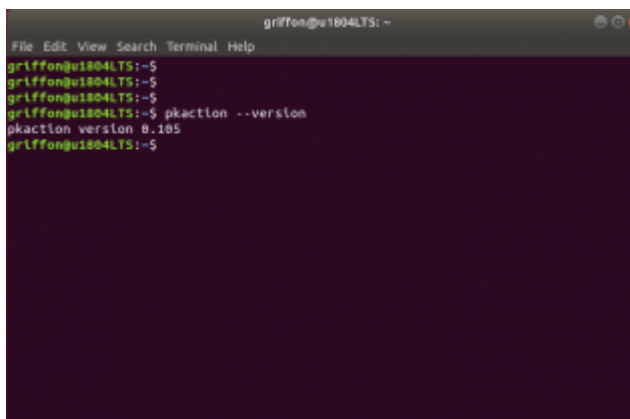
So, it seems that the creation of this file is actually causing the crash popup. By checking the `/var/crash` library content, a **crash report** related to **the PolcylKit** is available. So, logically, the issue is related to the **PolKit component** and the error is caused by the addition of this **02-allow-colord.conf** file. As soon as the file is deleted, the Authentication Required popups are displayed but no more crash system popup.



Click on picture for better resolution

The problem is indeed related to the Polkit engine and more specifically to the file being used.....Searching on Internet for some tips (or even better a solution), we came across [this post](#) . Apparently, it's important to know the Polkit version in use on the system as this will define how the authorization rules files would be processed (or not processed). If the version of the PolKit is **< 0.106**, you need to create a **.pkla** file (and not a **.conf** file).

Checking on **Ubuntu 18.04**, using the command **pkaction --version**, we can clearly see that the version is 0.105 and thus we need to use correct syntax for this version

A terminal window titled 'griffon@u1804LTS: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the command 'pkaction --version' being executed, resulting in the output 'pkaction version 0.105'. The prompt 'griffon@u1804LTS:~\$' is visible before and after the command.

```
griffon@u1804LTS:~$  
griffon@u1804LTS:~$  
griffon@u1804LTS:~$  
griffon@u1804LTS:~$ pkaction --version  
pkaction version 0.105  
griffon@u1804LTS:~$
```

Click on picture for better resolution

The solution

The solution is basically to create the proper file, with the proper file extension and proper syntax to be used so the system recognize fully the authorization rules and does not crash anymore. Based on the documentation founded [here](#), the following .pkla file has been generated. This file tell the PolKit framework that any users can perform actions defined in the colord.xml policy file

```
[Allow Colord all Users]  
Identity=unix-user:*  
Action=org.freedesktop.color-manager.create-device;org.freedesktop.color-manager.create-profile;  
ResultAny=no  
ResultInactive=no  
ResultActive=yes
```

[Allow Colord all Users]

Identity=unix-user:*

Action=org.freedesktop.color-manager.create-device;org.freedesktop.color-manager.create-profile;org.freedesktop.color-manager.delete-device;org.freedesktop.color-manager.delete-profile;org.freedesktop.color-manager.modify-device;org.freedesktop.color-manager.modify-profile

ResultAny=no

ResultInactive=no

ResultActive=yes

Save the file as **45-allow-colord.pkla** and place it in the following directory (you need admin rights to copy files in this location !!)

```
/etc/polkit-1/localauthority/50-local.d/
```

Before trying to connect remotely to your system, ensure that the **/var/crash** directory is empty. You can delete the content of the directory using the following command

```
sudo rm /var/crash/*
```

When done, try to perform a remote connection and if everything works as expected, you should have access to your desktop with no **Authentication Required Popups** and **no system crash popup**. Double check that no crash report has been generated while using the new Polkit format file by checking the content of **/var/crash directory**. It should be empty....

Final notes

After some much time, we have finally identified and fixed the issue related to this system crash popup. Since we are aware of the issue, we have updated the Standard installation script (ver 0.2) so the script create the **.pkla** file and not the **.conf** file anymore. Noboby never focused on this small issue. The strange thing is this story is that the **allow-colord.conf** file seems to work as the Authentication required popups are gone but they indeed generate another annoyance.

Voila ! The issue is solved and it's time to go and relax

Till next time

See ya

Posted in XRDP / Tagged allow-colord.conf, Crash Report, pkla, policykit, Ubuntu 18.04, XRDP

[< xRDP – The Infamous “Authentication Required to Create Managed Color Device” Explained](#)

[xRDP – How to Fix Theme issues in Ubuntu 18.04 remote session >](#)

14 thoughts on “xRDP – How to Fix the Infamous system crash popups in Ubuntu 18.04 (and previous versions)”



Spk says:

May 17, 2018 at 3:22 pm

Thanks for the guide.

I'm sure it works for Ubuntu as stated.

Unfortunately it didn't work for me on Xubuntu 18.04

Both authentication & crash popups persist.



Griffon says:



May 19, 2018 at 5:53 pm

@Spk,

Thank you for the feedback... are you sure that the crash is still caused by the polkit configuration... if you check the /var/crash, do you see dump files, can you see one related to polkit ?

Could you clean the /var/crash directory and try again and provide feedback

Till next time

see ya

**Spk says:**

May 20, 2018 at 8:56 am

I figured it out. For me (on multiple machines with clean installs) the problem was NetworkManager firstly requiring authentication and then causing a crash. The problem did not occur if I logged in as root, but that's not what I wanted. So to fix the issue I ran the following command which creates a different polkit over-ride;

```
cat <<EOF | \
sudo tee /etc/polkit-1/localauthority/50-local.d/xrdp-NetworkManager.pkla
[NetworkManager]
Identity=unix-group:sudo
Action=org.freedesktop.NetworkManager.network-control
ResultAny=yes
ResultInactive=yes
ResultActive=yes
EOF
```

Additionally I had problems with light-locker causing a crash in xrdp sessions so I completely purged it as it's not required for my headless, always-on machines;

```
$ sudo apt purge light-locker
```

Finally I also had to disable Bluetooth manager as it too caused an intermittent crash in xrdp sessions.

– Settings, Settings Manager, Session & Startup, App Startup – disable Bluetooth manager (blueman).

Now everything works fine when logged in as a sudo user

Cheers



Griffon says:

May 20, 2018 at 5:19 pm

@SSPK;

Thank you for the feedback. We are happy to see that you have been able to fix the issue and that the pkla trick is working indeed as expected

Thank for the visit

Till next time

See ya



Bryan Pavlich says:

August 3, 2018 at 4:03 pm

I'm on 16.04 and this has been chaffing my rear for months. I'm not a Linux guy but tinker cross platforms as an R&D developer for embedded systems. Plain dumb luck I put in the right Google search terms after several tries. Thank you for this solution!!!



Griffon says:

August 3, 2018 at 5:45 pm

@Bryan Pavlich

😊 , Super cool.... we also crashed our head for some time before finding out the issue and the solution of the problem...

Thank for passing by and for your positive comments

Till next time

See ya



Jorge Ramos says:

August 12, 2018 at 9:30 am

It worked like a charm. I'm using Desktop LTS 18.04.1 on a VMware box and Windows 10 standard RDP client (mstsc). Thanks.



Griffon says:



August 12, 2018 at 12:27 pm

@Jorge,

Good to see that the tip is helping you... Thank for the visit and the feedback provided

Till next time

See ya



Stefan says:

August 5, 2019 at 2:57 pm

Works like a charm. Thanks.



Griffon says:

August 5, 2019 at 8:34 pm

@Stefan,

Thanks for visiting our blog and providing feedback on this subject. nice to see that this is helping people out there 😊

Till next time

See ya



Henry Bruce says:

October 10, 2019 at 8:56 pm

I'm running Ubuntu 19.04 and it has the same authentication problem. I also had the problem of terminal and nautilus file manager not starting in an RDP session. Your solution fixed everything. Nice work!



Griffon says:

October 12, 2019 at 1:34 pm

@Henry,

Thank you for the positive feedback and for visiting our blog.. Always happy to see that some tips and tricks are working for others
till next time
See ya



dd says:

December 15, 2019 at 1:29 am

For Xubuntu / xfce, see <https://www.hiroom2.com/2018/05/07/ubuntu-1804-xrdp-xfce-en/>

Disable light-locker via XRDP

The light-locker causes error when lightdm does not executed. This is because light-locker uses XDG_SESSION_PATH which is set by lightdm. XDG_SESSION_PATH is a dynamic value and cannot be set static.

```
** (light-locker:2769): ERROR **: 08:09:59.625: Environment variable
```

```
XDG_SESSION_PATH not set. Is LightDM running?
```

This article create a wrapper script which checks if XDG_SESSION_PATH is set or not.

```
$ sudo cp /usr/bin/light-locker /usr/bin/light-locker.orig
```

```
$ cat <<EOF | sudo tee /usr/bin/light-locker
```

```
#!/bin/sh
```

```
# The light-locker uses XDG_SESSION_PATH provided by lightdm.
```

```
if [ ! -z "${XDG_SESSION_PATH}" ]; then
```

```
/usr/bin/light-locker.orig
```

```
else
```

```
# Disable light-locker in XRDP.
```

```
true
```

```
fi
```

```
EOF
```

```
$ sudo chmod a+x /usr/bin/light-locker
```



Griffon says:

December 15, 2019 at 4:28 pm

@DD,

Thank you for the visit and for sharing the information with our community.

We have not tested this procedure because we are not focusing our efforts on xubuntu. However, this info would be really of value for others.

Thanks for passing by

Till next time

See ya

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