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Ubuntu 14.04 - How to install xrdp in Ubuntu 14.04

April 21, 2014 / Griffon



Hello World,

Ubuntu 14.04 has been released on **April 17th 2014** and we already released the traditional post about how to perform a fresh install. We didn't covered the upgrade process because it's quite easy nowadays. Basically, you will be notified that a new version is available and you will be asked if you want to upgrade to the latest version.

Some readers and some of my colleagues have been asking for a post about **XRDP functionality in Ubuntu 14.04**. If you follow me, you know that we have been using xrdp package in order to connect to linux machines using the built-in remote desktop client available within Windows Operating System.

You probably also know that since the introduction of Unity Desktop Interface in Ubuntu you need to tweak the configuration in order to have it working. The most annoying part while using xrdp (with Ubuntu) is the fact that you have to install an **alternate desktop environment**.

So, in this post, we will describe the steps needed in order to install xrdp and the xfce alternate desktop that

will be used while remoting into your Ubuntu 14.04 machine.

Let's Go !

Install XRDP Package from Ubuntu Repository

In this post, we will be installing the **standard xrdp package from the Ubuntu Repository**. In order to perform the installation of the xrdp package, you will login into your ubuntu 14.04 machine.

Using the Dash button, in the search box, type Terminal



Click on Picture for Better Resolution

Click on the terminal icon and the Terminal console will open

In the Terminal, type the following command

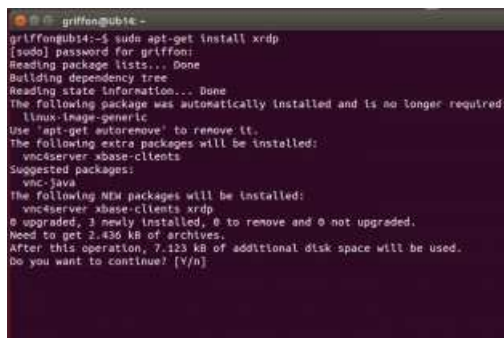
```
sudo apt-get install xrdp
```

You will be prompted for your password



Click on Picture for Better Resolution

You will be then informed about the package size. To proceed with the installation, press Y



Click on Picture for Better Resolution

Wait for the completion

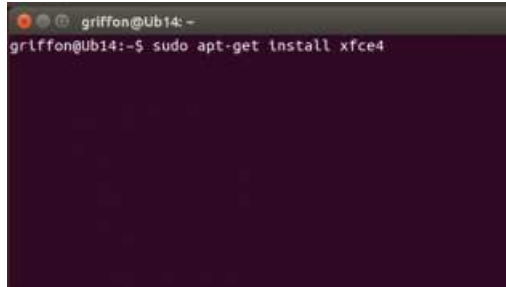
When done, you need to install an alternate desktop environment. In our scenario, we are using xfce4

Installing the xfce4 Desktop environment

In the Terminal console; type the following command

```
sudo apt-get update
```

```
sudo apt-get install xfce4
```



Click on Picture for Better Resolution

You might be prompted for a password. Enter the password and press enter

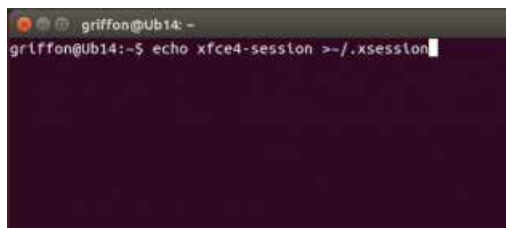
You will be then informed about the package size. To proceed with the installation, press Y

Wait for the completion

Configure xrdp to use xfce desktop environment

At this stage, you have to configure your Ubuntu machine in order for xrdp to know **that the xfce desktop** will be used instead of the Unity or Gnome (which are not working anymore in Ubuntu). To configure this, from the terminal console, you will issue the following command

```
echo xfce4-session > ~/.xsession
```



Click on Picture for Better Resolution

Restart the xrdp service by issuing the following command

```
sudo service xrdp restart
```

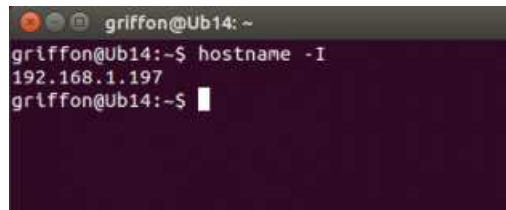
Test your xrdp connection

At this stage, you should have a basic xrdp working solution. When I say basic, I mean that you can indeed connect to your remote Ubuntu machine but if you disconnect your session and try to connect again, you will each time open a new session. (Read below section in this post to see how you can reconnect to the same

session)

To test your xrdp solution, find the ip address of your linux machine (or use the name if you have DNS Infrastructure in place). To find the ip address, issue the command

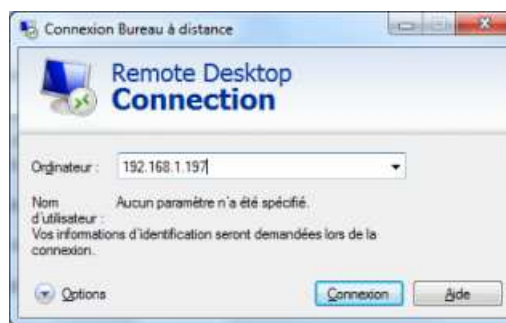
```
hostname -I
```



```
griffon@Ub14: ~  
griffon@Ub14:~$ hostname -I  
192.168.1.197  
griffon@Ub14:~$
```

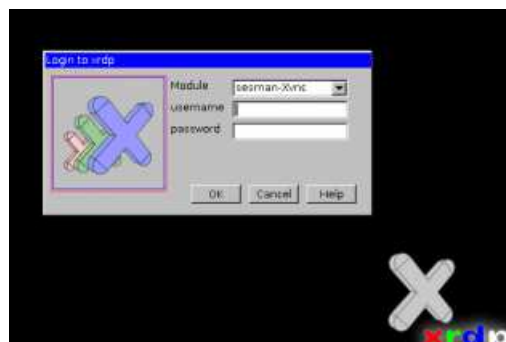
Click on Picture for Better Resolution

Now go to your windows machine, start remote Desktop client and enter the ip address/name of your ubuntu machine



Click on Picture for Better Resolution

You should see then the login screen of xrdp presented to you. Note that, at this screen (and because we have not configured keyboard layout yet), the **keyboard layout is set to English** by default.



Click on Picture for Better Resolution

Enter your username and password and **Press OK**

You will see a dialog box showing the login process





Click on Picture for Better Resolution

If everything is configured correctly, you should see your xfce desktop loading and you should be able to perform your work through this desktop environment.



Click on Picture for Better Resolution

To set Keyboard layout at the xrdp Login screen, perform the following steps

As explained above, with no special configuration, the xrdp login screen keyboard layout is set to english by default. If you need to change it to another keyboard layout, you should proceed with the following actions

This is the command you should issue in order to change the keyboard layout to be used during xrdp sessions...

Step 1 : You go to the /etc/xrdp directory

Step 2 : you issue the command `setxkbmap -layout <%your layout%>` to define which keyboard map/layout to use

Step 3 : create a copy of the km-0409.ini file into the same directory. It seems that this is the default file used by xrdp to define the keyboard layout. You will need to use `sudo` in order to be able to write into the directory

Step 4 : Check that you have a backup of your file by typing the `dir` or `ls` command

Step 5 : update the file by issuing the following command `sudo xrdp-genkeymap km-0409.ini`

Reconnect to the same session through xrdp

You have multiple ways to reconnect to the same session through xrdp. We have explained two of them. One method is based on performing a custom installation and use the X11VNC software. This one is working well but requires a little bit more effort. (<http://c-nergy.be/blog/?p=4168>)

The other one is to use the xrdp package from ubuntu repository and tweak some configuration files while connected to the session. This solution is really a workaround and it's not our favourite one. (see <http://c-nergy.be/blog/?p=4471>)

Here, we will use a **third method** that can be used if you use the xrdp package from the ubuntu repository. This method is much better than the one provided by us some time ago. In this method, we will tweak the xrdp login screen. We will add a field in the login box where the user can specify the port to be used when remoting to the ubuntu machine.

You will first need to edit **xrdp.ini** file located under the **/etc/xrdp**. To edit the file, issue the following command

```
sudo gedit /etc/xrdp/xrdp.ini
```

You might be prompted for a password. if this is the case, provide the password and Press enter
When the file is open, locate the section **[xrdp1]** and replace the following line

```
port=-1  
with the line  
port=ask-1
```

Save the file. The file should look like this



```
[globals]
bitmap_cache=yes
bitmap_compression=yes
port=3309
crypt_level=low
channel_code=1
max_bpp=24
#black=000000
#grey=666666
#dark_grey=333333
#blue=0000FF
#dark_blue=000080
#white=FFFFFF
#red=FF0000
#green=00FF00
#background=666666

[xrdp1]
name=sesman-Xvnc
lib=libvnc.so
username=ask
password=ask
ip=127.0.0.1
port=ask-1
```

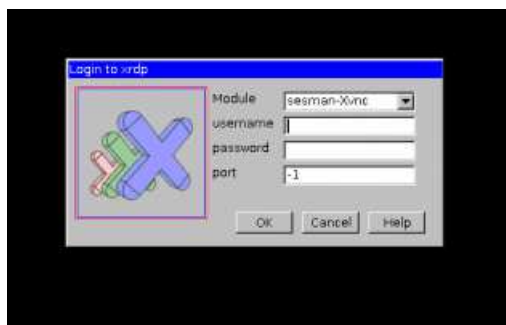
Click on Picture for Better Resolution

When done, restart the xrdp service by issuing the following command

```
sudo service xrdp restart.
```

You are done.

When trying to access your Ubuntu machine through via the remote desktop client, you will see that the xrdp login screen has indeed an additional field called port.



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If **this is your first connection**, leave the default value in the port field (i.e. **-1**), you will be then connecting through xrdp to your ubuntu machine **using a specified port that can be seen on the login process dialog box**.

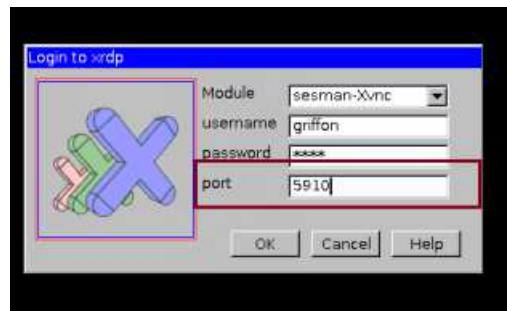




Click on Picture for Better Resolution

Take a note of this port.

When you need to reconnect, you will have to specify the same port as your first connection and you should see the same screen as you left it.



Click on Picture for Better Resolution

Note : *This tip has been provided to us by one of our reader (Thank you Wei 😊)*

This is it for this post. Using only the ubuntu xrdp package, we have been able to install and configure a remote access solution. By tweaking the xrdp.ini file, we even have been able to provide a simple and easy to use solution in order to reconnect to an existing session.

However, we still have a problem with xrdp used in conjunction with Ubuntu. In order to remote into your ubuntu machine, you have no other choice than using an alternate desktop environment (in our case its xfce). I find it quite irritating that we cannot have the xrdp package working with Unity or Gnome desktop environment.

We have **installed fedora distribution** and installed the xrdp package. And guess what ! I can connect through xrdp to fedora and have the gnome desktop environment working. Moreover, I can disconnect and when reconnecting I will be reconnecting to the existing session I just left. And all of this with no tweak in configuration files.

I would love to see the same functionality in Ubuntu. As one of our readers mentionned, it might be time for Ubuntu users to fill in a bug report about xrdp and try to have it fixed. If more and more users complains, maybe Ubuntu team will take the request into account.

Till next Time

See ya

Posted in XRDP / Tagged reconnect to existing session, Ubuntu, ubuntu 14.04, xfce4, XRDP

[< Using ADMT to migrate to Windows 2012 Domains](#)[Ubuntu 14.04 – LXDE Desktop Alternative for XRDP >](#)

248 thoughts on “Ubuntu 14.04 – How to install xrdp in Ubuntu 14.04”

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Griffon says:

August 29, 2015 at 4:31 pm

Hello Brian,

Which operating system are you using ??? If it's ubuntu, which Desktop environment are you using ?
In your xsession file, i see mention of cinnamon desktop..... are you trying to use this one as Default desktop in xrdp...

As far as I know, cinnamon is not supported with XRDP because cinnamon is using 3D technology (not supported by XRDP).

waiting for your feedback

Till next time

See ya

MLP says:

September 17, 2015 at 11:16 am

Many many thanks. All worked as it should. Saved me half day's work 😊

Griffon says:

September 17, 2015 at 8:36 pm

Hey there,

always good to know that this post is working
thank you for the visit and the feedback provided

till next time

see ya

SMS says:

September 18, 2015 at 12:32 am

You have no idea (maybe you have) on how great this tutorial is. Unfortunately, I am unable to make it work with Windows 10 and Ubuntu 14.04. I have gone so far as to purge the installs of xrdp and xfce and reinstall everything. Still can't get away from the grey screen. Admittedly I'm new at all this, but I CAN follow instructions. 😊 Can you think of anything I may be missing?

Thanks.

Griffon says:

September 19, 2015 at 10:08 am

Hello there,

I just validated the process install and it's working for Ubuntu 14.x and 15.x and I can connect via Windows 10 rdp client.

You could have a look at this post about FAQ related to XRDP (check link <http://c-nergy.be/blog/?p=5984>)

What I would try.....

check that I can connect from a non Windows 10 machine -> if this is not working, you have a misconfiguration issue on xrdp

have you installed alternate desktop? (in your comment, I understood you did install xfce...)

have you populated the .xsession file with the correct info (echo xfce4-session > ~/.xsession). Note: I tend to use mate-desktop nowadays instead of the xfce desktop (have a look at <http://c-nergy.be/blog/?p=7984> to see the command for mate-desktop)

restart your machine

try to connect at least two times via xrdp...

if this fails, check the xsession logs and see what's the problem could be

You should look at the following files

~/.xsession-errors (this is the one which can give you some useful insight)

/var/log/xrdp.log

/var/log/xrdp-sesman.log

hope this help

Till next time

See ya

Barry Cohen says:

October 1, 2015 at 4:57 pm

I've succeeded in getting xrdp to run – thanks as I'd been trying for quite a while and even changed distros to get it to run – but, when I attempt to login from my Windows machine the X Window starts to open and then closes.

The session logs only show that the session was terminated:

```
++ terminated session: username XXXXXX display :10.0, session_pid 24280, ip 192.168.X.X:56438 -  
socket: 7
```

Ubuntu 14.04 running as a VM on Hyper-V 2012 R2. I'm attempting to RDP from both Windows 7 and Windows Server 2012 R2 (the hyper-v host)

I've also tried to connect via TightVNC and get the message that the connection was actively refused.

Any suggestions?

Barry

Griffon says:

October 3, 2015 at 12:57 pm

Hello Barry,

Sorry for the late answer, I'm quite busy with work right now....

So you have installed ubuntu 14.04 and use the xrdp package to have remote desktop capability, right ?

have you installed the xfce desktop package or the MATE-Desktop environment (check this post to have mate installed instead of xfce if you want to – <http://c-nergy.be/blog/?p=5874>)

can you check your ~/.xsession-errors log files and see if you got useful error hints over there ?

when connecting through the xrdp login box, are you selecting the correct option in the dropdown box (Sesman-Xvnc)

I would try to re-install the xrdp package and instead of xfce4 try to install mate desktop and see if this can fix your issue

Hope this help

Till next time

See ya

William Schafer says:

October 13, 2015 at 11:50 pm

I downloaded Ubuntu 14-04 from the CD as directd but I find no desktop. All I get is a black screen, a command screen.

Griffon says:

October 14, 2015 at 10:21 pm

Hello;

It seems that you have downloaded the UBuntu Server edition which come with a Terminal by default (and no desktop environment). Either you get the correct version of Ubuntu (Desktop) either you

install a desktop environment on the machine you have installed

Hope this help

Till next time

See ya

Sahand says:

November 16, 2015 at 9:46 am

Thanks a lot for the great tutorial! It worked for my on Win10 and Ubuntu 😊

Griffon says:

November 18, 2015 at 10:03 am

No Problem

Good to see that this is still working

Thank for the visit and the comments

Till next time

See ya

hua says:

November 19, 2015 at 4:18 pm

I follow your steps and RDP worked greatly. But when I tried to use CTRL-C and CTRL-V to copy and paste between windows and ubuntu. It did not work.

Do we have a way to do that?

Thanks so much!

Hua

Lena says:

November 19, 2015 at 6:54 pm

Hi Griffon,

brilliant tutorial, indeed! It took me only minutes to set it up.

I just would like to add that you don't have to enter the port each time to login to the last session. It is enough that you logout properly (not by closing the Remote Desktop Client window but from within the session manager) and the logout form allows you to choose this option by checking the "Save session for future logins" checkbox. (xfce4 version 4.10.1)

Cheers!

Allen Harrison says:

November 19, 2015 at 9:21 pm

Good tutorial. Installed and works just fine (Win10, Ubuntu14.04). However, the at the bottom of the remote desktop page is a terminal icon (just to the right of the folder icon). When I load it, I do not get a prompt and it does not show any entered keystrokes. I can pull down the File/Edit/View/etc. menu items and they seem to work. Any ideas?

Allen

Griffon says:

November 19, 2015 at 9:27 pm

Hello Sahand,

Thank you for the feedback and the visit

Till next time

See ya

Griffon says:

November 19, 2015 at 9:29 pm

Hello There,

As far as I know the clipboard function is not working between windows and xrdp session. The clipboard function seems to work when having Linux to Linux session

We will need to check if new dev have been provided to support clipboard functionalities

Till next time

See ya

Griffon says:

November 19, 2015 at 9:33 pm

Hello Lena,

From Ubuntu 14.10, a new xrdp package is available and fix the port issue.. It will work out of the box

Please check <http://c-nergy.be/blog/?p=5874>

<http://c-nergy.be/blog/?p=6063>

<http://c-nergy.be/blog/?p=6046>

Thank you for the comments and the useful information

Thank for visiting our blog

Till next time

See ya

Griffon says:

November 19, 2015 at 9:41 pm

Hello Allen,

This is a known issue if you are using xfce desktop interface.. Please use a different xterm applications and you should be fine

One of our reader has suggested the following

For a not working Terminal (not XTerm), you can get it to work by: Settings -> Appearance -> Style, select style to, for example, Radiance.

The other workaround is to use the XTERM application instead of the Terminal

Till next time

See ya

Greg says:

November 25, 2015 at 4:53 pm

Having issues with this... Can get logged in and see the desktop but whenever I go to utilize any of the applications or open a terminal, it closes out the session. Ideas?

Griffon says:

November 27, 2015 at 11:21 am

Hello Greg,

We never encountered this kind of issue.... I'm assuming you are using xfce interface...

Can you check your xrdp logs and see if you find some errors over there (check this post to see where to find all appropriate log files <http://c-nergy.be/blog/?p=5984>

We would recommend you to move from xfce and install mate desktop instead and give it another try.

Let us know your findings and will try to help

Till next time

See ya

Douglas Giovanni Oechsler says:

December 5, 2015 at 9:02 pm

Hello!

How are you!

Problem connection

I am from Brazil (I think for this not connect, because I need change config...but where do I change?

I do it all steps. But, when I Try to connect, it give me this error:

Rdesktop Client LINUX:

connection to sesman ip 127.0.0.1 port 3350

sesman connect ok

sending login info to session manager, please wait...

xrdp_mm_process_login_response: login successful for display

startted connecting to 127.0.0.1 5910

error – problem connecting

I receive other window in linux from Error (grdesktop):

Autoselected keyboard map pt-br

X Error of failed request: BadAtom (invalid Atom Parameter)

Major opcode of failed request 23 (X_GetSelectionOwner)

Atom id in failed request: 0x0

Serial number of filed request: 12982

Current serial number in output stream: 12982

Please, Somebody can help me. I need solve this problem!

Thanks attention and help

Douglas

Griffon says:

December 6, 2015 at 1:51 pm

Hello There;

You should first have a look at the following post (<http://c-nergy.be/blog/?p=5984>) Check question 20 in order to locate log files that could help solving your issue.

You should also check that in the XRDP login box; you select the correct option which should be sesman-XVNC

Provide us the content of the logs and we might see what the problem is

Till next time

see ya

Joe says:

December 23, 2015 at 1:53 am

G'day Griffon,

Thanks for the info.

Works like a charm on ubuntu 12.

Cheers.

Joe

Griffon says:

December 24, 2015 at 5:33 pm

Hello Joe,

Thank you for the feedback

Sorry if it took us some time to answer but have been really busy for the end of this year

Till next time

See ya

Douglas Giovani Oechsler says:

January 7, 2016 at 1:04 pm

Hello Griffon!

Happy new Year

Please, I want to share that I solved the keymap brazilian pt-br abnt2 on xrdp. I see that many brazillians read your site.

We use Linux Mint 17 64 bits. After install xrdp, open the file km-0409.ini (this file xrdp uses to keymap) inside of: /etc/xrdp/. After the file open, erase all keymap code from file and copy and paste the text below. Save file and restart xrdp. IT WORKS RIGHT.

Here is the site solution:

<https://www.vivaolinux.com.br/topico/UbuntuBR/Problema-com-XRDP-no-Ubuntu-Teclado-ABNT2/?pagina=1>

[noshift]

Key8=0:0

Key9=65307:27

Key10=49:49

Key11=50:50

Key12=51:51

Key13=52:52

Key14=53:53

Key15=54:54

Key16=55:55

Key17=56:56

Key18=57:57

Key19=48:48

Key20=45:45

Key21=61:61

Key22=65288:8

Key23=65289:9

```
Key24=113:113
Key25=119:119
Key26=101:101
Key27=114:114
Key28=116:116
Key29=121:121
Key30=117:117
Key31=105:105
Key32=111:111
Key33=112:112
Key34=65105:180
Key35=91:91
Key36=65293:13
Key37=65507:0
Key38=97:97
Key39=115:115
Key40=100:100
Key41=102:102
Key42=103:103
Key43=104:104
Key44=106:106
Key45=107:107
Key46=108:108
Key47=231:231
Key48=65107:126
Key49=39:39
Key50=65505:0
Key51=93:93
Key52=122:122
Key53=120:120
Key54=99:99
Key55=118:118
Key56=98:98
Key57=110:110
Key58=109:109
Key59=44:44
Key60=46:46
Key61=59:59
Key62=65506:0
Key63=65450:42
Key64=65513:0
Key65=32:32
Key66=65509:0
Key67=65470:0
Key68=65471:0
Key69=65472:0
Key70=65473:0
Key71=65474:0
Key72=65475:0
Key73=65476:0
Key74=65477:0
```

```
Key75=65478:0
Key76=65479:0
Key77=65407:0
Key78=65300:0
Key79=65429:0
Key80=65431:0
Key81=65434:0
Key82=65453:45
Key83=65430:0
Key84=65437:0
Key85=65432:0
Key86=65451:43
Key87=65436:0
Key88=65433:0
Key89=65435:0
Key90=65438:0
Key91=65439:0
Key92=0:0
Key93=65406:0
Key94=92:92
Key95=65480:0
Key96=65481:0
Key97=65360:0
Key98=65362:0
Key99=65365:0
Key100=65361:0
Key101=0:0
Key102=65363:0
Key103=65367:0
Key104=65364:0
Key105=65366:0
Key106=65379:0
Key107=65535:127
Key108=65421:13
Key109=65508:0
Key110=65299:0
Key111=65377:0
Key112=65455:47
Key113=65027:0
Key114=0:0
Key115=65515:0
Key116=65516:0
Key117=65383:0
Key118=0:0
Key119=0:0
Key120=0:0
Key121=0:0
Key122=0:0
Key123=47:47
Key124=65027:0
Key125=0:0
```

```
Key126=65469:61
Key127=0:0
Key128=0:0
Key129=0:0
Key130=0:0
Key131=0:0
Key132=0:0
Key133=0:0
Key134=65454:46
Key135=0:0
Key136=0:0
Key137=0:0

[shift]
Key8=0:0
Key9=65307:27
Key10=33:33
Key11=64:64
Key12=35:35
Key13=36:36
Key14=37:37
Key15=65111:168
Key16=38:38
Key17=42:42
Key18=40:40
Key19=41:41
Key20=95:95
Key21=43:43
Key22=65288:8
Key23=65056:0
Key24=81:81
Key25=87:87
Key26=69:69
Key27=82:82
Key28=84:84
Key29=89:89
Key30=85:85
Key31=73:73
Key32=79:79
Key33=80:80
Key34=65104:96
Key35=123:123
Key36=65293:13
Key37=65507:0
Key38=65:65
Key39=83:83
Key40=68:68
Key41=70:70
Key42=71:71
Key43=72:72
Key44=74:74
Key45=75:75
```

```
Key46=76:76
Key47=199:199
Key48=65106:94
Key49=34:34
Key50=65505:0
Key51=125:125
Key52=90:90
Key53=88:88
Key54=67:67
Key55=86:86
Key56=66:66
Key57=78:78
Key58=77:77
Key59=60:60
Key60=62:62
Key61=58:58
Key62=65506:0
Key63=65450:42
Key64=65511:0
Key65=32:32
Key66=65509:0
Key67=65470:0
Key68=65471:0
Key69=65472:0
Key70=65473:0
Key71=65474:0
Key72=65475:0
Key73=65476:0
Key74=65477:0
Key75=65478:0
Key76=65479:0
Key77=65273:0
Key78=65300:0
Key79=65463:55
Key80=65464:56
Key81=65465:57
Key82=65453:45
Key83=65460:52
Key84=65461:53
Key85=65462:54
Key86=65451:43
Key87=65457:49
Key88=65458:50
Key89=65459:51
Key90=65456:48
Key91=65452:44
Key92=0:0
Key93=65406:0
Key94=124:124
Key95=65480:0
Key96=65481:0
```

Key97=65360:0
Key98=65362:0
Key99=65365:0
Key100=65361:0
Key101=0:0
Key102=65363:0
Key103=65367:0
Key104=65364:0
Key105=65366:0
Key106=65379:0
Key107=65535:127
Key108=65421:13
Key109=65508:0
Key110=65299:0
Key111=65377:0
Key112=65455:47
Key113=65027:0
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Key115=65515:0
Key116=65516:0
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Key119=0:0
Key120=0:0
Key121=0:0
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Key129=0:0
Key130=0:0
Key131=0:0
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Key133=0:0
Key134=65454:46
Key135=0:0
Key136=0:0
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[altgr]

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Key9=65307:27
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Key13=163:163
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Key15=172:172
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Key19=125:125
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Key29=2299:8592
Key30=2302:8595
Key31=2301:8594
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Key33=254:254
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Key35=170:170
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[capslock]

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```

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[shiftcapslock]
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Key112=65455:47

Key113=65027:0

Key114=0:0

Key115=65515:0

Key116=65516:0

Key117=65383:0

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Key119=0:0

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Key127=65515:0

Key128=65517:0

Key129=0:0

Key130=0:0

Key131=0:0

Key132=0:0

Key133=0:0

Key134=65454:46

Key135=0:0

Key136=0:0

Key137=0:0

Thank You

Douglas

Douglas Giovanni Oechsler says:

January 7, 2016 at 1:09 pm

Sorry My English!

But. I think that people can understand yeah 😊

Thank You

Douglas

Ming says:

January 7, 2016 at 2:33 pm

Hello, if I use this method, when I use the server locally. Do I have to stand with this ugly interface too?

I.e Does this configuration totally suppress the unity/gnome session on the host computer?

Griffon says:

January 7, 2016 at 11:50 pm

Hello Ming,

No, If you login locally, you can use the Unity desktop. If you use xrdp to perform a remote desktop connection, you will need to use a different desktop environment. This post was refering to xfce desktop but you can install other desktop alternatives such as mate or kde. please check the xrdp section of the blog to find more recent articles or articles related to other desktop alternatives

Hope this help

till next time

See ya

Joe Nobody says:

January 17, 2016 at 7:36 pm

Just wanted to say thanks for the guide.

Griffon says:

January 20, 2016 at 9:56 pm

Hello There,

Thank you for the feedback

Till next time

See ya

Eikichi says:

January 25, 2016 at 5:24 pm

Hello,

I'm having a Problem with my Ubuntu xrdp connection.

I'm getting everytime after some connections to the same session this error:

"started connecting
connecting to 127.0.0.1 5911
tcp connected
security level is 0 (1 = none, 2 = standard)
error - problem connecting"

How can I fix this error?

I can login to a new session correctly but to a same session like after 24 hours I cant?

Screenshot: <http://s17.postimg.org/6vwhlzxtb/rwzrtz55555.png>

Griffon says:

January 25, 2016 at 8:27 pm

Hello there,

So, you can connect the first time no problem and if you try to reconnect to same session you have the issue, is this correct ?

You have to check which version of xrdp package you are using. if you have a recent one, the reconnect is available out of the box (check question 11 in this post – see <http://c-nergy.be/blog/?p=5984>

If this not help, we have to start looking into the log files, To find them, please have a look again in the post I mentioned above (<http://c-nergy.be/blog/?p=5984>).

Give it already a try and let see how far we can go...

Hope this help

Till next time

See ya

vlad says:

February 3, 2016 at 10:28 pm

all is ok but the only problem is the firefox browser every time is crashed and i don't find a solution to fix it??

Griffon says:

February 4, 2016 at 9:42 pm

Hello there,
I'm not sure that the xrdp installation would break your Firefox browser.
if you login locally on the machine (not using xrdp) are you having issues with Firefox or everything is ok
Do you have only the issue with Firefox Inside xrdp ?
Could you try to either update Firefox or install another browser and see if this fix the issue

Sorry for the short answer but I'm travelling a lot on heavy project..so not much time for the moment for blogging
Hope this help
Till next time

justin says:

February 22, 2016 at 7:26 pm

I followed the guide and get this odd login screen with no selectable or typable text. Do you know whats going on?

here is a screenshot: https://drive.google.com/file/d/0B9BCv_-28ZfMTDV5Y1Z0TDQ4WGM/view?usp=sharing

Griffon says:

February 23, 2016 at 9:16 am

Hello Justin,

Apparently, there is a problem with the xrdp package you are using... or you have deleted some important files related to xrdp (in /etc/xrdp/) and more specifically the /etc/xrdp/xrdp.ini file

As first step to try to fix this issue, would be to remove the xrdp package and reinstall it

```
sudo apt-get remove xrdp
```

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

and see if this fix your issue

Hope this help

Till next time

Jose Lopez says:

February 25, 2016 at 2:07 pm

Thank you!!!!. I have been four hours trying to connect my mac with the raspberry Pi2 – Ubuntu Mate 15.10 and till I found your great post I was desperated.

It works perfectly.

Tarounen says:

February 25, 2016 at 8:24 pm

hello,
i have an azure vm running linux and i used your tutorial to install and use the desktop environment.
i was working fine until today when i tried to login using RDC i got the error
"xrdp_mm_process_login_response: login failed"
i can still access the server by SSH
i checked the logs i got "X server — no display in range is available"
i followed a tutorial and allow max number connections from 10 to 100
however now the RDC isn't even starting .. im getting remote access is turn off!
i used telnet on port 3389 to test and i got connection refused
the endpoints are allowed on the azure portal and ufw is innactive.
can you help?

MartinM says:

February 26, 2016 at 11:04 am

Hi there, thanks for the nice article.
xrdp works nice on Ubuntu 14.04. I use it when login in from a Windows 7 Professional machine.
However, each time I log on and off, it leaves an idle process in Ubuntu.
You can check this with
`ps -ef|grep vnc`
After login in about ten times or so, the logon does not work anymore.
Killing the idle processes gets rid of the problem and logon works again.
This is not fun.
Do you have an alternative?
Thanks and best regards,
Martin

Griffon says:

February 27, 2016 at 11:45 am

Hello Jose,
Thank you for the feedback and sharing your experience with raspberry pi2.
Till next time
See ya

Griffon says:

February 27, 2016 at 12:36 pm

Hello Martin,

which version of xrdp package are you using ? If you are using 0.6.0-1, you might indeed encounter this issue.. We have performed some tests with UBuntu 16.04 (beta) and xrdp. The xrdp package that is included with ubuntu 16.04 is the version 0.6.1-2. This version kill properly the process when you logout from your system. This version of the package also handle correctly the xrdp processes when we disconnect from the machine. If we reconnect, the same running process will be re-used.

Option 1 – I would say try to upgrade your xrdp package if you are using an older version

Option 2 – another workaround that some people have used consists of modifying the number of session in the file sesman.ini. If you look for the line MaxSessions, you see the default value is set to 10. If you increase that to 100, you can have a little bit more flexibility

Option 3 – Some user mentioned already the issue and provided a script solution to clean up the processes. Have a look at this post <http://c-nergy.be/blog/?p=4242> in the comment section (look for episkopos)

Whatever the option you are choosing, please share with us so we can propagate information to others

Hope this help

Till next time

See ya

Griffon says:

February 27, 2016 at 1:21 pm

Hello There,

I have no idea so far.

If you cannot access port 3389 using telnet, it seems indeed that xrdp is either not running or a misconfiguratio happen...

Revert back your changes (from 100 to 10) and restart the service -> is this fixing your issue ?

Which version of ubuntu are you using ? Check that xrdp service is running first (sudo service xrdp status or sudo systemctl status xrdp) ?

Remove Re-install xrdp and check again ?

Check all the logs file related to xrdp and try to provide us a little bit more info

hope this help

till next time

See ya

TrudleR says:

March 26, 2016 at 12:51 pm

Hi Griffon

I love your blog about xrdp! I tried to do this port thing now, but I get an error:

“Error – Problem connecting”. It ONLY appears if I set the port from -1 to something else, otherwise everything works flawlessly. I do it in my local network, so it's not a port-forwarding problem.

I hope you have a tip for me, thanks for your work here! 😊

Griffon says:

March 27, 2016 at 11:26 am

Hello Raffi,

Thank you for the positive feedback 😊

Before trying to figure out what could be your problem, you should review the following options when installing xrdp because newer packages makes things easier

Option 1 – perform a custom install of xrdp (and you be reconnecting automatically to the existing xrdp session). Using the script provided, this should be really easy. see <http://c-nergy.be/blog/?p=5971>

Option 2 – Upgrade your Ubuntu system from 14.04 to a higher version (because later version of Ubuntu includes a xrdp package that support reconnections of xrdp session out of the box). see <http://c-nergy.be/blog/?p=6046>

Option 3 – Try to install the xrdp package found in Ubuntu 14.10 and later (version 0.6.1-xx) and install it on your Ubuntu 14.04 and see if this could fix your issue

For your problem, are you using port range from 5910 and higher ?

till next time

See ya

John Klug says:

April 7, 2016 at 9:32 pm

If you set up xrdp to re-use sessions, then it appears you can't log out, because the port will be tied to a screen with no xfce4 session. So the port stays in use. You then have to kill xvnc to get the session back. Is there a way to find the processes using a given display, short of looking in /proc/[pid]/environ and looking for the DISPLAY variable?

Griffon says:

April 8, 2016 at 6:58 pm

Hello John,

We would recommend you to either perform a custom installation (see [Ubuntu 14.04 – Perform a custom XRDP Install \(using X11VNC\)](#)) so you do not have the issue about logout process.

You can also move to a newer Ubuntu version 14.10 and later which offer a new xrdp package that allow you to reconnect to existing session out-of-the-box (see [XRDP – Reconnect to existing sessions made easier – New xrdp package on Ubuntu repository](#) or try to obtain the new xrdp package and install it on your ubuntu 14.04 machine

Hope this help
Till next time

Hostingan ID says:
May 13, 2016 at 4:33 pm

Good, nice tutorial. I follow your tutorial and now i succes acces my vps on desktop 😊

Griffon says:
May 14, 2016 at 10:58 am

Hello there,

Thank you for your visit and the positive feedback. Thank you for sharing your experience with our readers

Till next time

See ya

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