

# Comment installer XRDP Server (Remote Desktop) sur Debian 12

## 1. Installer Debian (VM)

Crée une machine virtuelle (VirtualBox).

Installer Debian avec un environnement léger (XFCE).



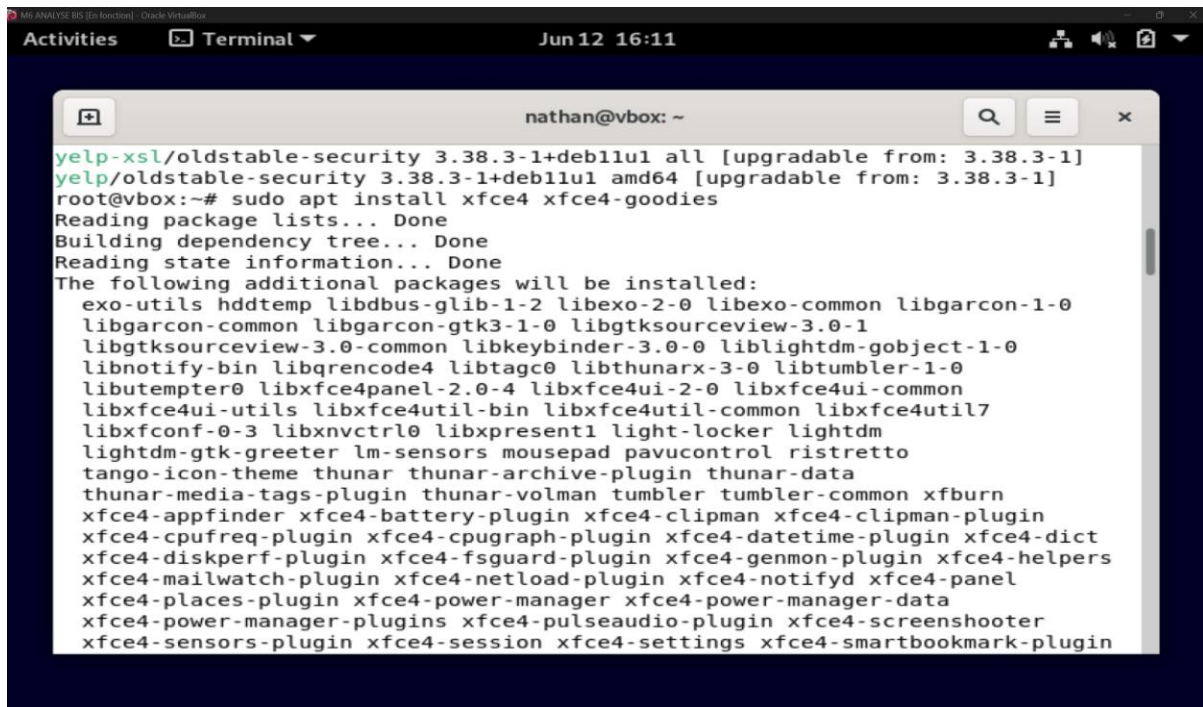
```
nathan@vbox: ~  
Fetched 210 MB in 17s (12.4 MB/s)  
E: Failed to fetch http://security.debian.org/debian-security/pool/updates/main/  
libr/libreoffice/libreoffice-base-drivers_7.0.4-4%2bdeb11u13_amd64.deb Error re  
ading from server - read (104: Connection reset by peer) [IP: 151.101.122.132 80  
]  
E: Unable to fetch some archives, maybe run apt-get update or try with --fix-mis  
sing?  
root@vbox:~# ip a  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid_lft forever preferred_lft forever  
    inet6 ::1/128 scope host  
        valid_lft forever preferred_lft forever  
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP  
group default qlen 1000  
    link/ether 08:00:27:ff:4b:a1 brd ff:ff:ff:ff:ff:ff  
    inet 100.115.94.30/24 brd 100.115.94.255 scope global dynamic noprefixroute  
enp0s3  
        valid_lft 85785sec preferred_lft 85785sec  
        inet6 fe80::a00:27ff:feff:4ba1/64 scope link noprefixroute  
        valid_lft forever preferred_lft forever  
root@vbox:~# S
```

## 2. Installer l'environnement de bureau

Commande#sudo apt update

Commande#sudo apt upgrade

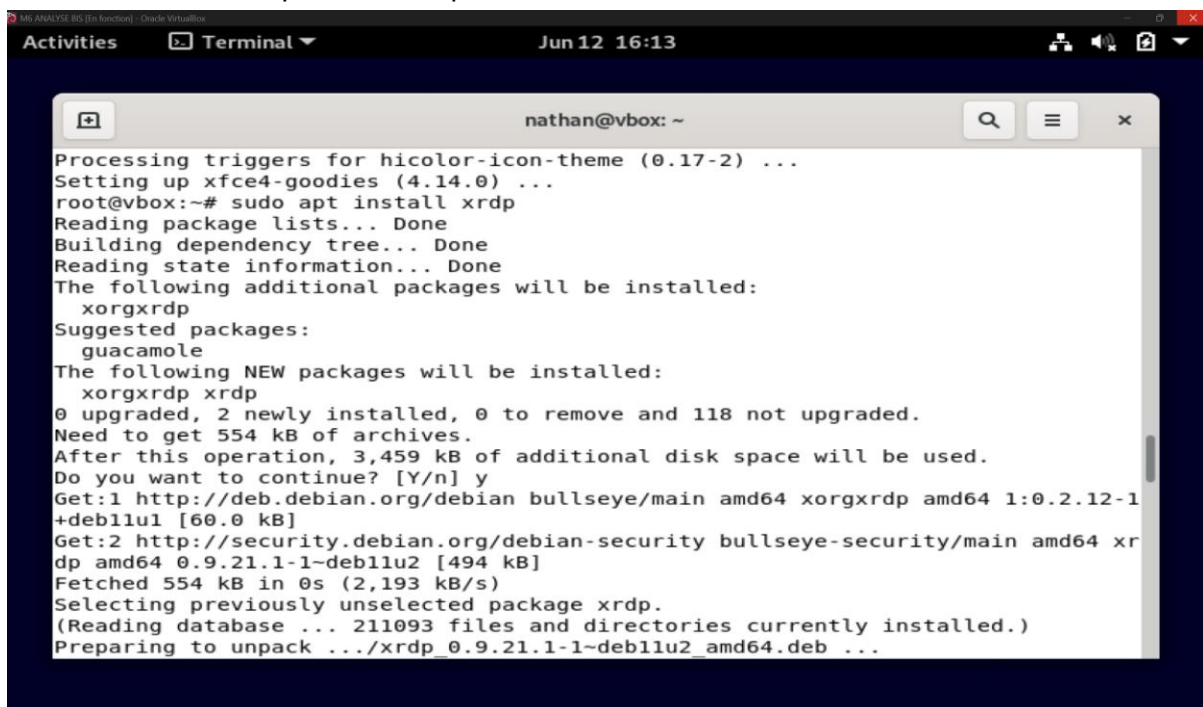
Commande#sudo apt install xfce4 xfce4-goodies



```
nathan@vbox: ~
yelp-xsl/oldstable-security 3.38.3-1+deb11u1 all [upgradable from: 3.38.3-1]
yelp/oldstable-security 3.38.3-1+deb11u1 amd64 [upgradable from: 3.38.3-1]
root@vbox:~# sudo apt install xfce4 xfce4-goodies
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  exo-utils hddtemp libdbus-glib-1-2 libexo-2-0 libexo-common libgarcon-1-0
  libgarcon-common libgarcon-gtk3-1-0 libgtksourceview-3.0-1
  libgtksourceview-3.0-common libkeybinder-3.0-0 liblightdm-gobject-1-0
  libnotify-bin libqrencode4 libtagc0 libthunarx-3-0 libtumbler-1-0
  libutempter0 libxfce4panel-2.0-4 libxfce4ui-2-0 libxfce4ui-common
  libxfce4ui-utils libxfce4util-bin libxfce4util-common libxfce4util7
  libxfconf-0-3 libxnvctrl0 libxpresent1 light-locker lightdm
  lightdm-gtk-greeter lm-sensors mousepad pavucontrol ristretto
  tango-icon-theme thunar thunar-archive-plugin thunar-data
  thunar-media-tags-plugin thunar-volman tumbler tumbler-common xfburn
  xfce4-appfinder xfce4-battery-plugin xfce4-clipman xfce4-clipman-plugin
  xfce4-cpufreq-plugin xfce4-cpugraph-plugin xfce4-datetime-plugin xfce4-dict
  xfce4-diskperf-plugin xfce4-fsguard-plugin xfce4-genmon-plugin xfce4-helpers
  xfce4-mailwatch-plugin xfce4-netload-plugin xfce4-notifyd xfce4-panel
  xfce4-places-plugin xfce4-power-manager xfce4-power-manager-data
  xfce4-power-manager-plugins xfce4-pulseaudio-plugin xfce4-screenshooter
  xfce4-sensors-plugin xfce4-session xfce4-settings xfce4-smartbookmark-plugin
```

### 3. Installer XRDP

Commande#sudo apt install xrdp



```
nathan@vbox: ~
Processing triggers for hicolor-icon-theme (0.17-2) ...
Setting up xfce4-goodies (4.14.0) ...
root@vbox:~# sudo apt install xrdp
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  xorgxrdp
Suggested packages:
  guacamole
The following NEW packages will be installed:
  xorgxrdp xrdp
0 upgraded, 2 newly installed, 0 to remove and 118 not upgraded.
Need to get 554 kB of archives.
After this operation, 3,459 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://deb.debian.org/debian bullseye/main amd64 xorgxrdp amd64 1:0.2.12-1+deb11u1 [60.0 kB]
Get:2 http://security.debian.org/debian-security bullseye-security/main amd64 xrdp amd64 0.9.21.1-1~deb11u2 [494 kB]
Fetched 554 kB in 0s (2,193 kB/s)
Selecting previously unselected package xrdp.
(Reading database ... 211093 files and directories currently installed.)
Preparing to unpack .../xrdp_0.9.21.1-1~deb11u2_amd64.deb ...
```

Commande#sudo systemctl enable xrdp

Commande#sudo systemctl restart xrdp

#### 4. Configurer XRDP pour XFCE

Commande#echo "startxfce4" > ~/.xsession

Commande#sudo systemctl restart xrdp

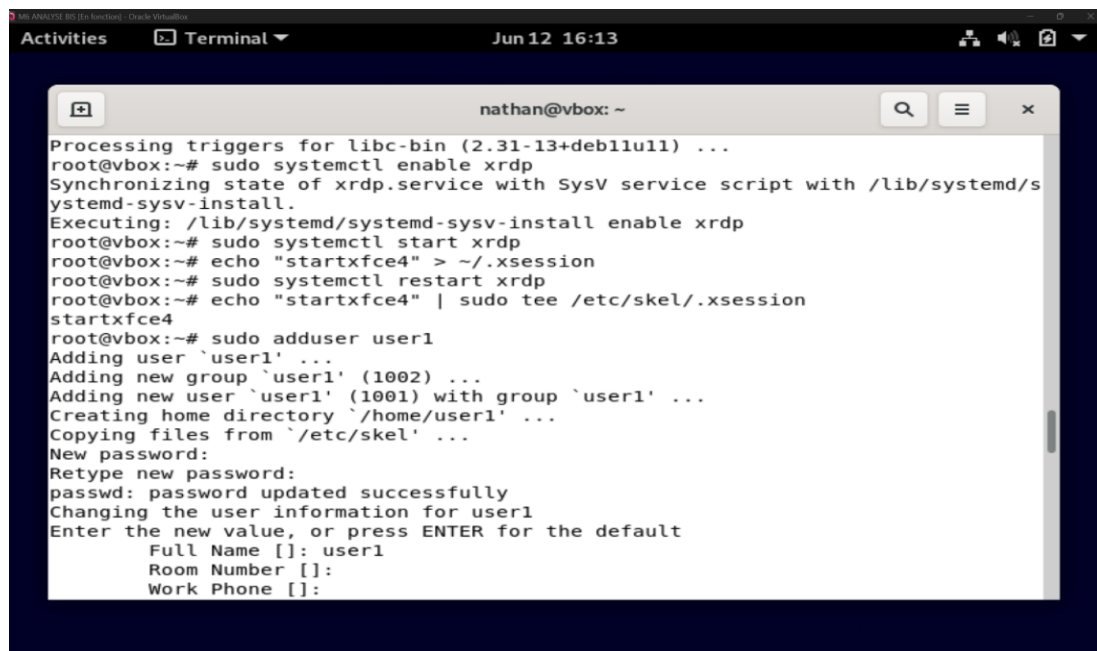
Pour tous les utilisateurs :

Commande#echo "startxfce4" | sudo tee /etc/skel/.xsession

#### 5. Créer plusieurs utilisateurs

Commande#sudo adduser user1

Commande#sudo adduser user2

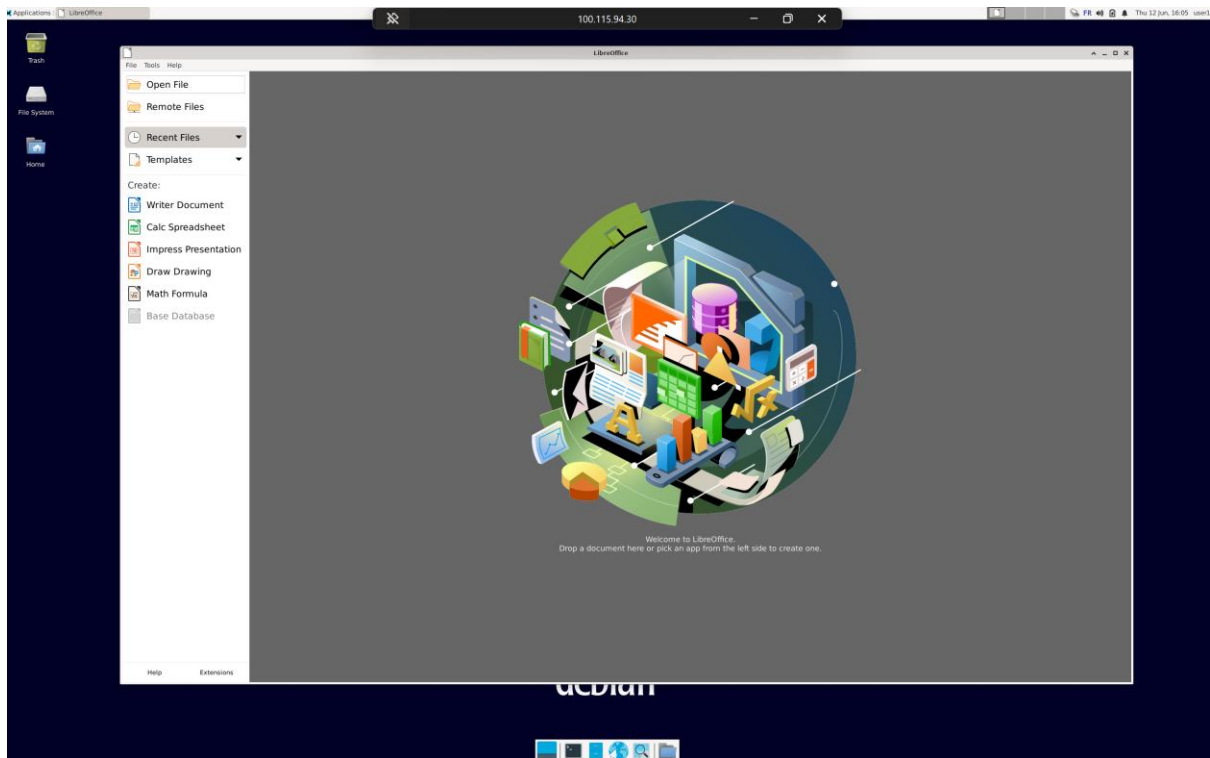


The image shows a terminal window titled "Terminal" with the date and time "Jun 12 16:13". The terminal output shows the following commands and their results:

```
nathan@vbox: ~  
Processing triggers for libc-bin (2.31-13+deb11u1) ...  
root@vbox:~# sudo systemctl enable xrdp  
Synchronizing state of xrdp.service with SysV service script with /lib/systemd/s  
ystemd-sysv-install.  
Executing: /lib/systemd/systemd-sysv-install enable xrdp  
root@vbox:~# sudo systemctl start xrdp  
root@vbox:~# echo "startxfce4" > ~/.xsession  
root@vbox:~# sudo systemctl restart xrdp  
root@vbox:~# echo "startxfce4" | sudo tee /etc/skel/.xsession  
startxfce4  
root@vbox:~# sudo adduser user1  
Adding user `user1' ...  
Adding new group `user1' (1002) ...  
Adding new user `user1' (1001) with group `user1' ...  
Creating home directory `/home/user1' ...  
Copying files from `/etc/skel' ...  
New password:  
Retype new password:  
passwd: password updated successfully  
Changing the user information for user1  
Enter the new value, or press ENTER for the default  
Full Name []: user1  
Room Number []:  
Work Phone []:
```

#### 6. Installer OpenOffice

Commande#sudo apt install openoffice

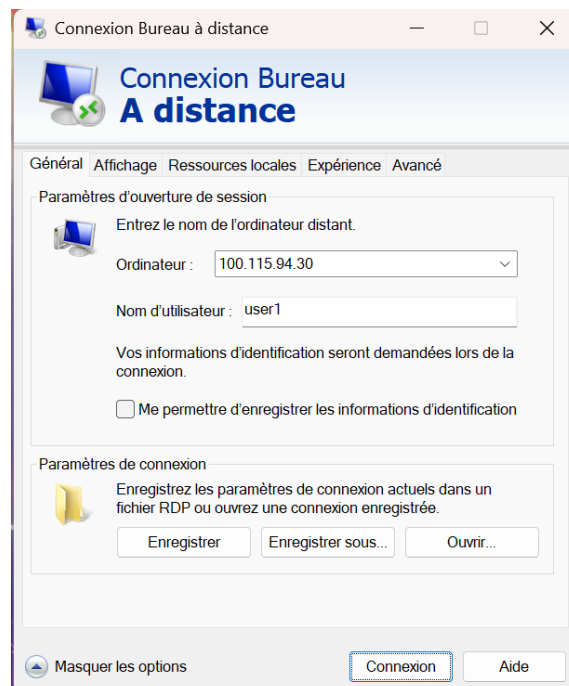


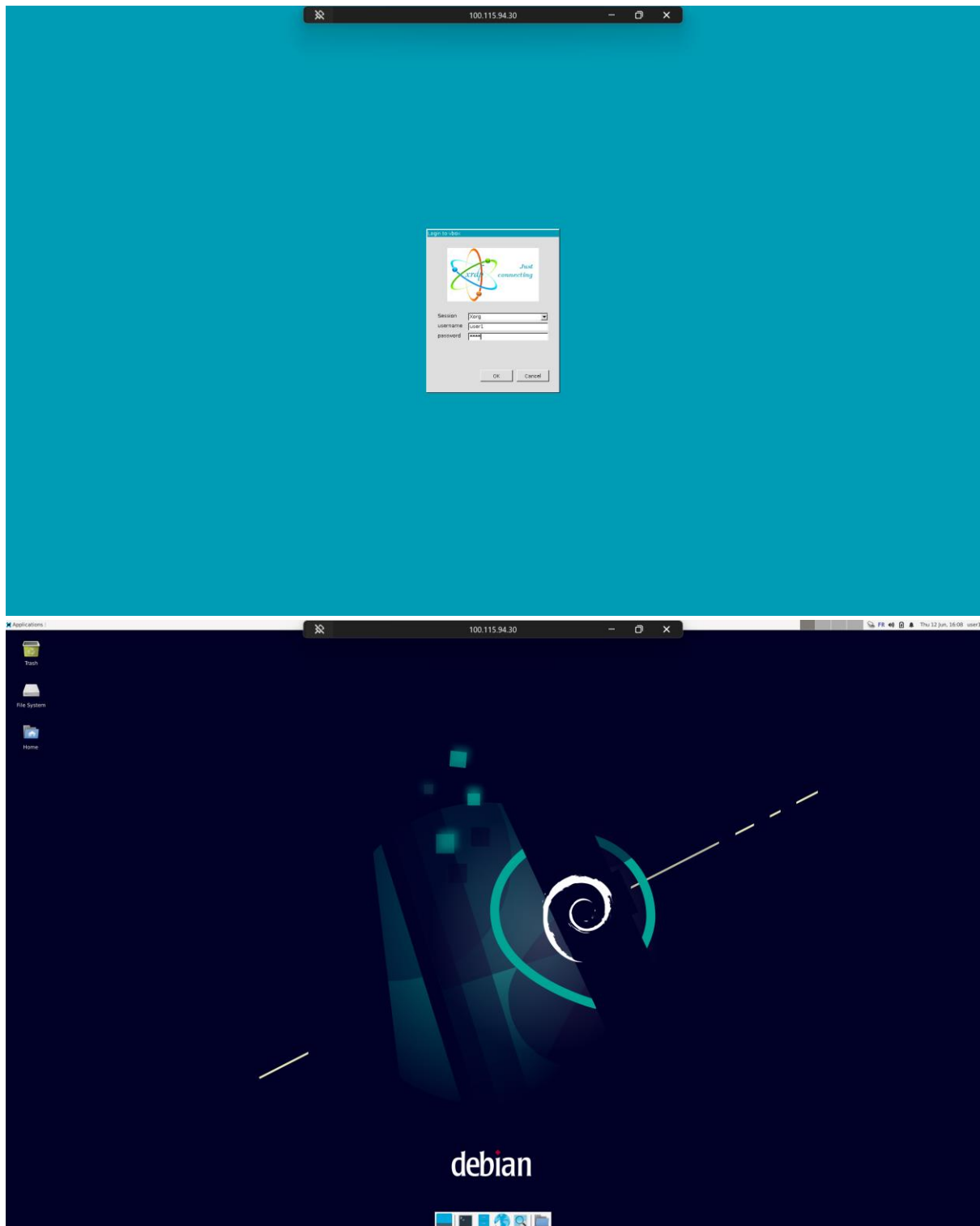
## 7. Tester la connexion distante (MSTSC)

Depuis un PC Windows : Win + R -> mstsc

Entrez l'adresse IP de la VM Debian

Connectez-vous avec un utilisateur Debian créé précédemment (ex: user1)





## 8. Permettre la connexion simultanée

XRDP permet la connexion simultanée à condition que chaque utilisateur se connecte avec son propre compte. Il n'y a pas de session partagée mais individuelle pour chaque utilisateur.