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  - SSH
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- Astra Linux Special Edition .10015-01 .10015-10 (1.7)
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10152-02 (4.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Special Edition .10015-16 . 1 . 2
- Astra Linux Special Edition .10265-01 (8.1)
- Astra Linux Common Edition 2.12

Astra Linux Windows Astra Linux Windows. :

- () (, ,);
- (,).

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- : TeamViewer;
- Astra Linux;

:

- SSH — SSH , Astra Linux. Astra Linux - Astra Linux (Remmina / x2go Astra Linux);
- XRDP — Microsoft RDP (Remote Desktop Protocol). Windows;
- VNC (Virtual Network Computing);
- XDMCP — Linux- . , XRDP, Windows VcXsrv. VcXsrv Windows 7 c KB2999226 . Service Pack1 Windows 7, , 1.09.2016, .

XDMCP

XDMCP Astra Linux

XDMCP Astra Linux Astra Linux Windows. , Astra Linux Special Edition (). Astra Linux :

1. Astra Linux:
   a. /etc/X11/fly-dm/Xaccess localhost * (""):

```
sudo sed -i "s/^localhost/*/" /etc/X11/fly-dm/Xaccess
```

   b. : " " - "" - " " "" - " " " " ( ) ;
2. , Astra Linux Special Edition */etc/X11/fly-dm/fly-dmrc* [Xdmcp] EnableAll false true (-):

EnableAll Astra Linux Special Edition .10015-01 20190912SE16 (3) (fly-dm 2.6.16 fly-qdm 2.6.7).

```
EnableAll=true
```

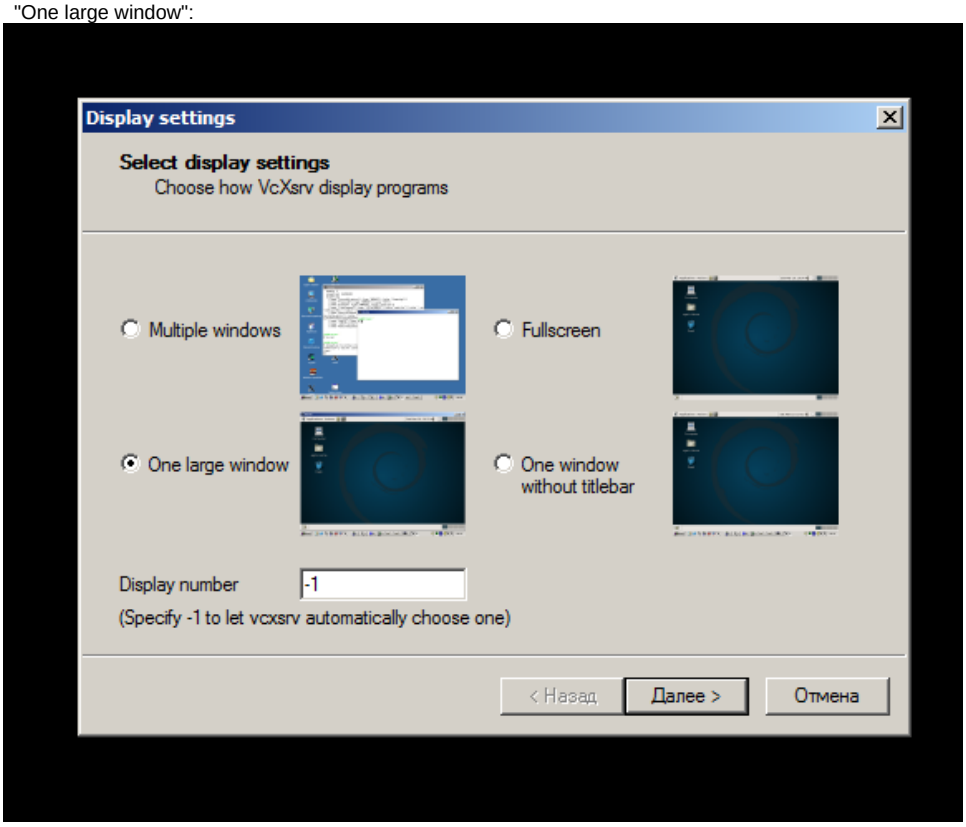
3. fly-dm ( ):

```
sudo systemctl restart fly-dm
```

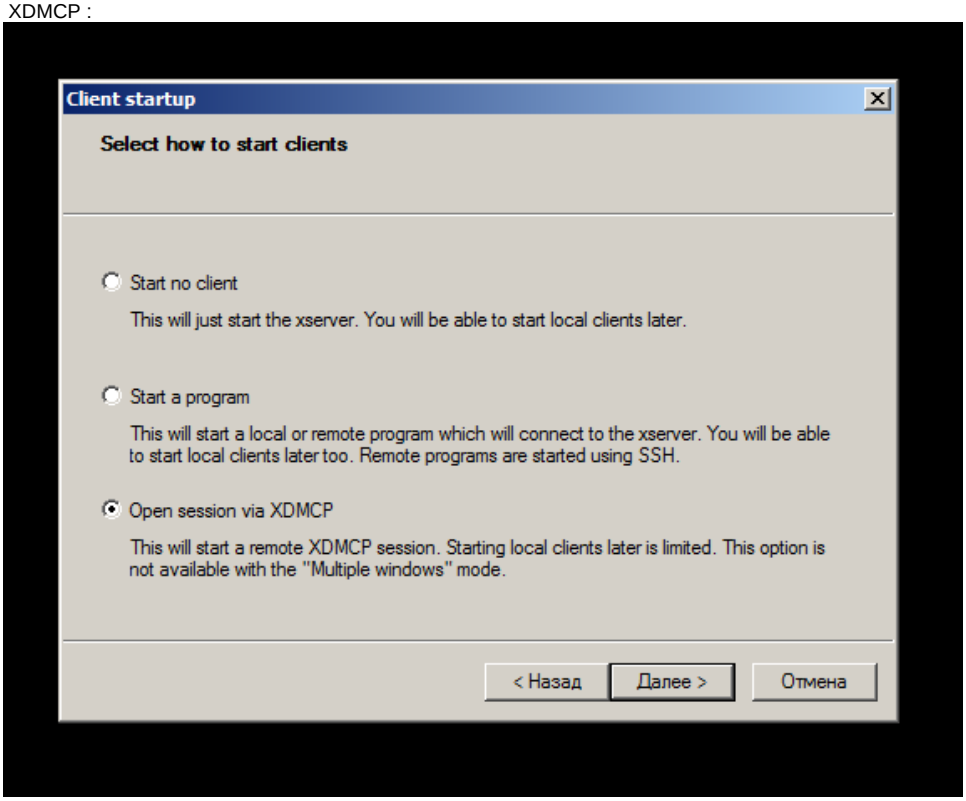
Astra Linux XDMCP Windows

Astra Linux XDMCP Windows :

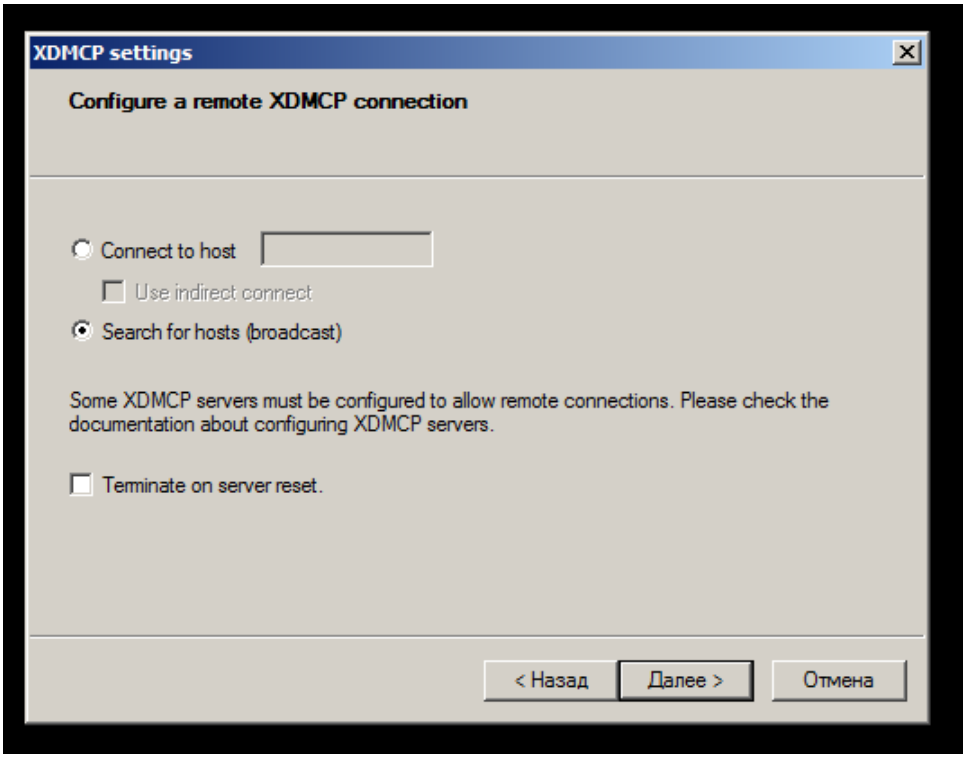
1. VcXsrv.
2. (Windows), "VcXsrv windows xserver" (C .) " TCP" " UDP).
3. **Xlaunch.**
4. "One large window":



5. XDMCP :

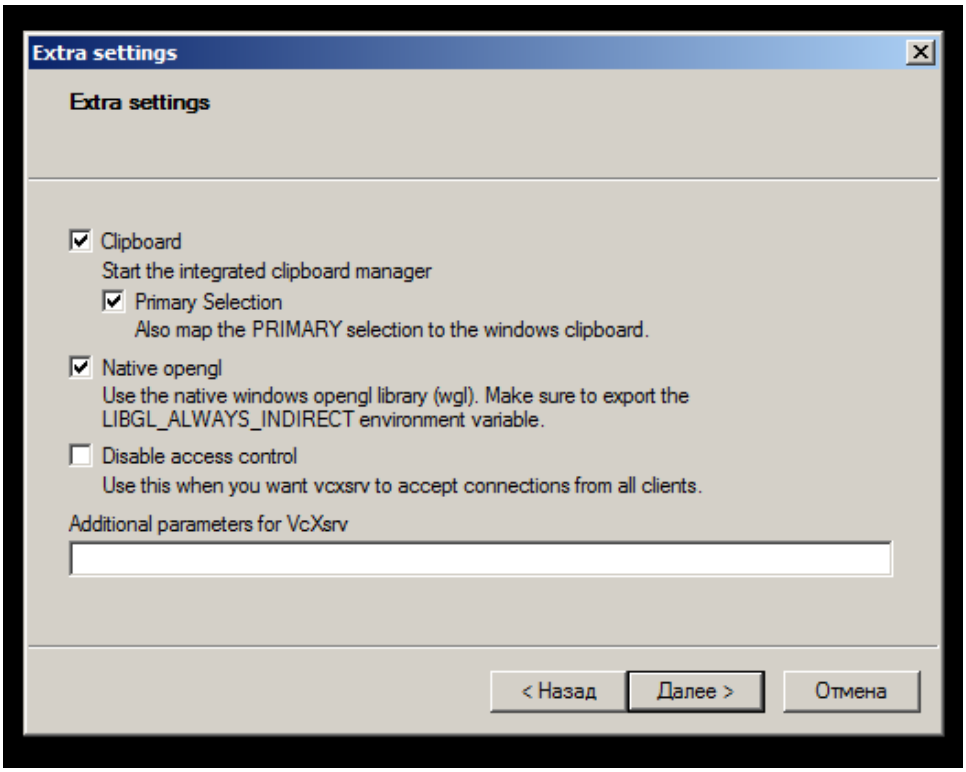


6. :



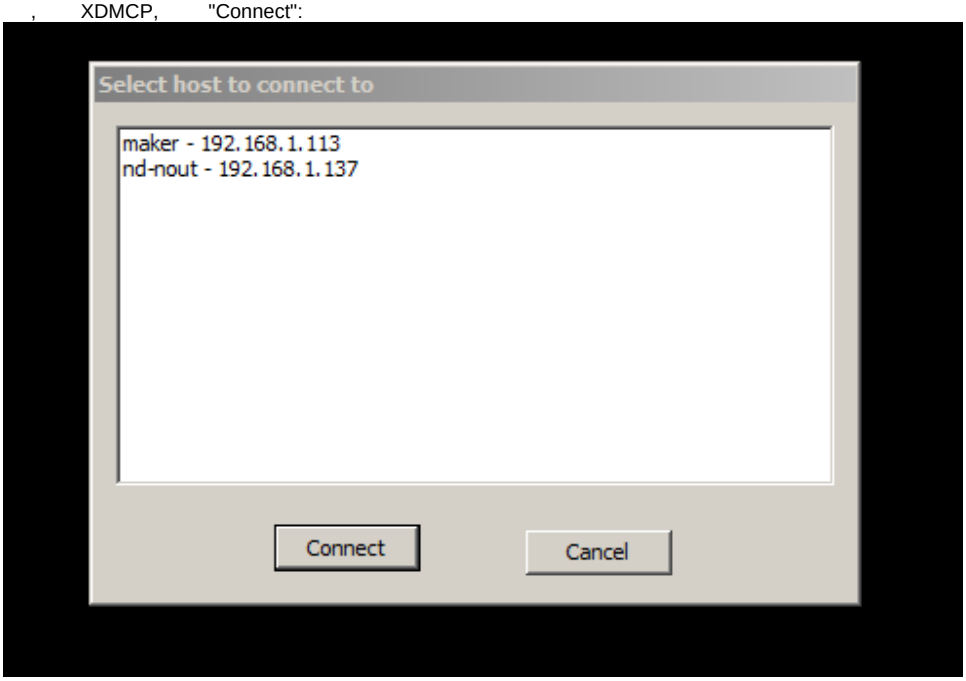
7. " " "Additional parameters for VcXsrv" :

```
-displayID 0:63:0x0:0x0
```



"" "";

8. , XDMCP, "Connect":



RDP

RDP Astra Linux

:

- Astra Linux c Astra Linux, Astra Linux Windows;

- ;
- ;
- ;
- .

RDP , , xrdp (Astra Linux Special Edition Astra Linux Common Edition). pulseaudio-module-xrdp (Astra Linux Special Edition x.7 Astra Linux Common Edition). :

- Astra Linux Special Ediion x.7 Astra Linux Common Edition :

```
sudo apt install xrdp pulseaudio-module-xrdp
```

- Astra Linux Special Edition 1.6:

```
sudo apt install xrdp
```

xrdp.service, IP- tcp/3389 xrdp-sessman (tcp/3350) . .

RDP

(, CapsLock), . , " ", . " " " ". xrdp:

1. [SessionVariables] /etc/xrdp/sesman.ini :

```
FLY_NO_SWITCH_ON_RELEASE=1
```

2. xrdp:

```
sudo systemctl restart xrdp
```

RDP Astra Linux Special Edition

Astra Linux Special Edition RDP . , , /etc/X11/trusted :

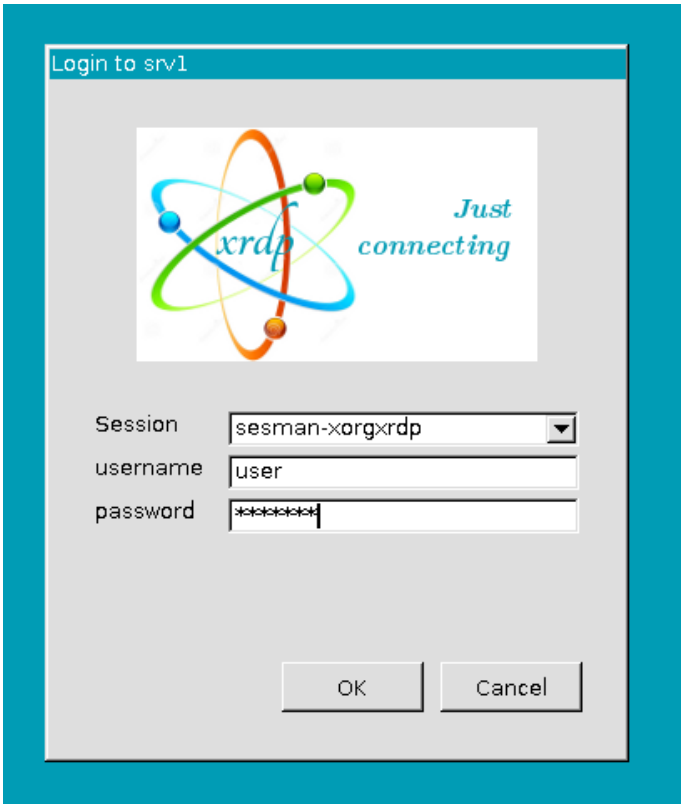
/usr/bin/spectacle(SNAP_R)

. /etc/X11/trusted. Astra Linux RDP Windows

Windows Astra Linux RDP `mstsc`.

" " :

- "Xorg" Astra Linux Special Edition .10015-01 1.5;
- "session-xorgxrdp" Astra Linux Special Edition .10015-01 (1.5).



, ""

.

root xrdp

root . root . .

root xrdp:

1. root, :

```
sudo passwd root
```

2. xrdp , root :

```
sudo pdpl-user root -i high
```

3. [Security] /etc/xrdp/sesman.ini AllowRootLogin true:

```
AllowRootLogin=true
```

4. xrdp:

```
sudo systemctl restart xrdp
```

Astra Linux VNC

Astra Linux **xrdp vino**, " " .
Astra Linux Special Edition .10015-01 (1.6) .

Astra Linux

. . .

Astra Linux vino xrdp:

sudo apt install vino xrdp

, /etc/xrdp/xrdp.ini Xvnc ("[vnc-any]") port 5900 (ask5900). , 5900 xrdp:

```
sudo systemctl restart xrdp
```

:

1. (Alt+t);
2. vnc :

```
/usr/lib/vino/vino-server &
```

vnc

, vnc , `libglib2.0-bin`

```
sudo apt install libglib2.0-bin
```

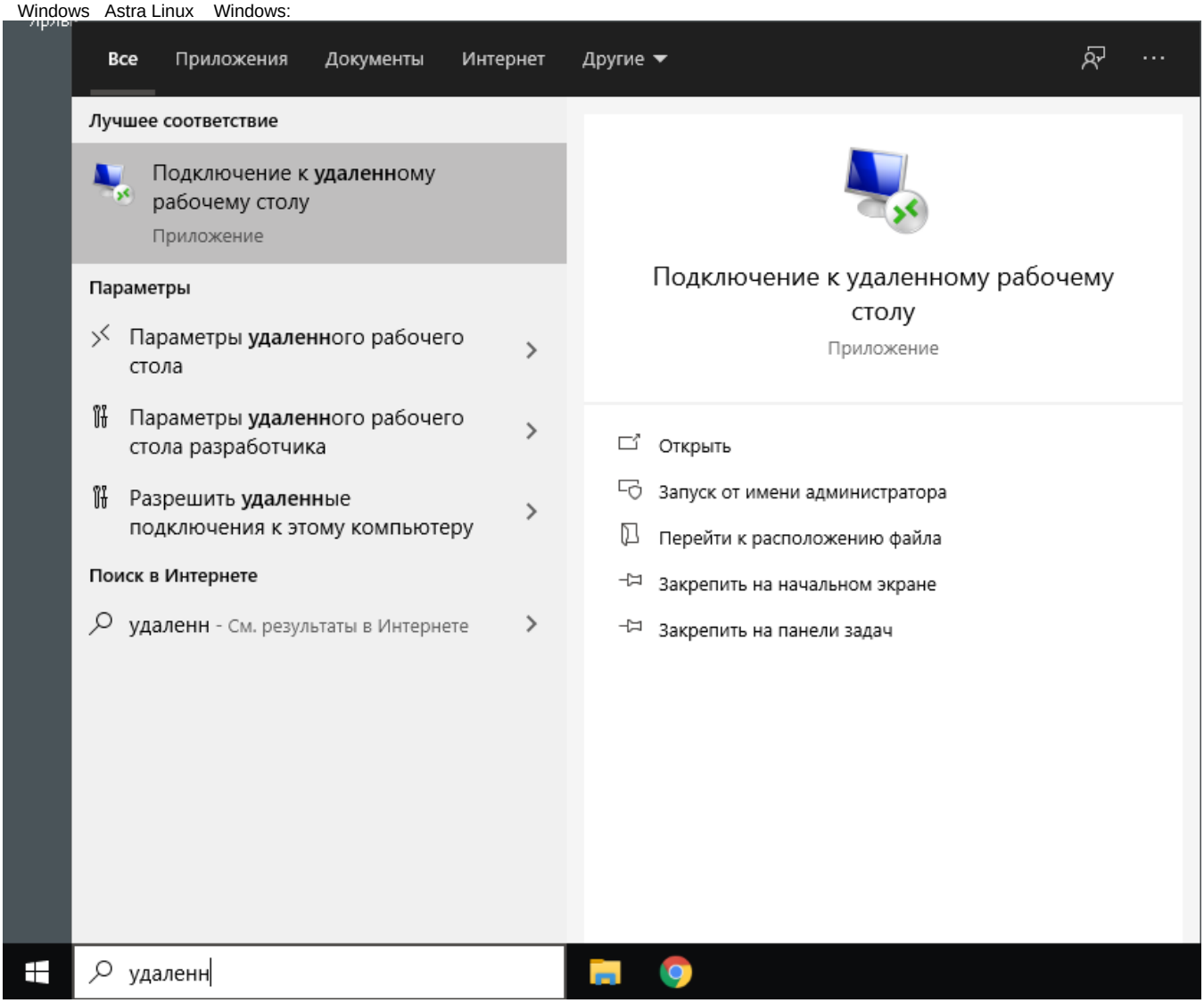
( ):

```
gsettings set org.gnome.Vino authentication-methods "['vnc']"
gsettings set org.gnome.Vino vnc-password "$(echo -n "<>" | base64)"
```

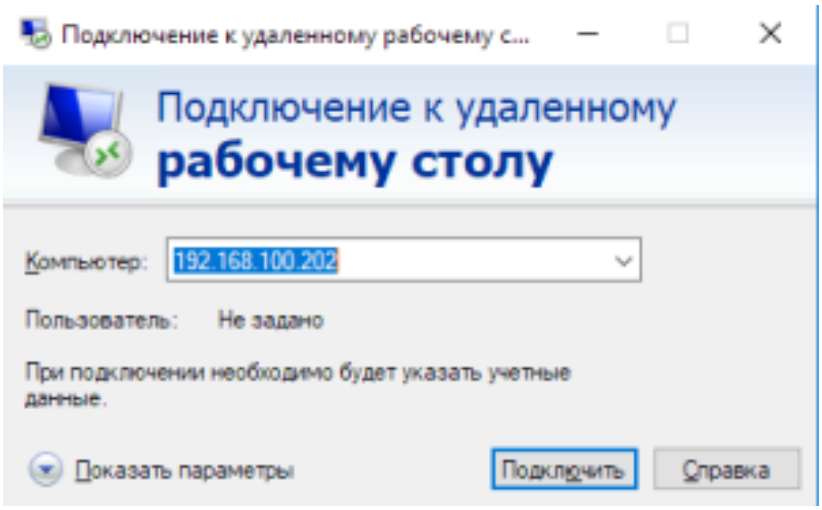
vnc .

Astra Linux Windows

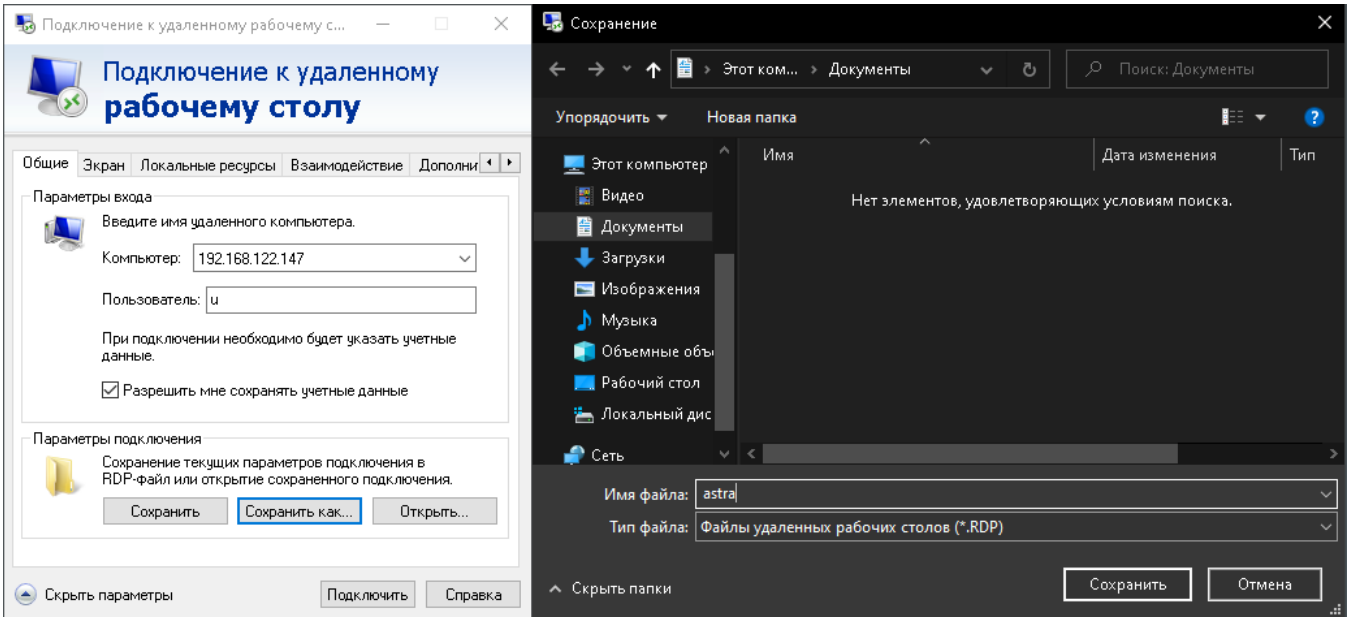
Windows Astra Linux Windows:



IP- :

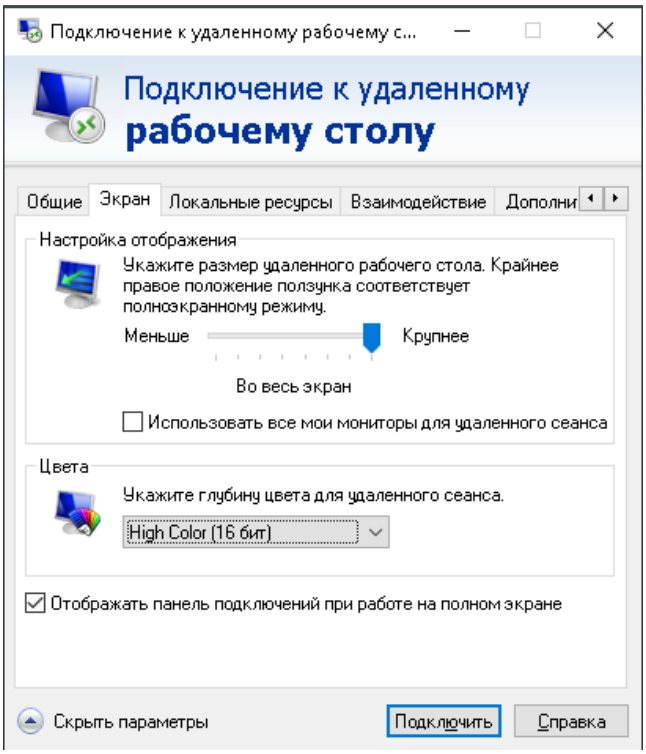


, , :

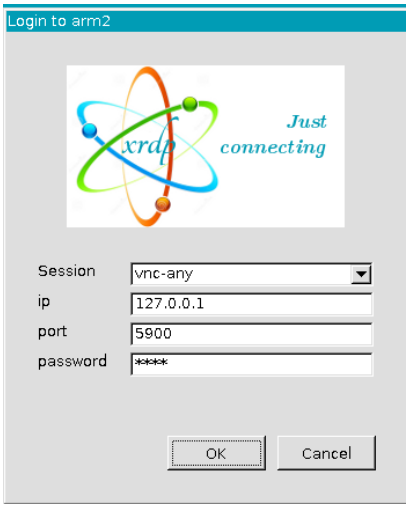


("Display") (FHD) .

16 .



vnc-any, IP- , :



Astra Linux Windows

Windows

Windows : «» -> « » -> « ».

Astra Linux xfreerdp

freerdp2-x11:

```
sudo apt install freerdp2-x11
```

:

```
xfreerdp /u:<__windows> /v:<__IP-__windows>
```

Windows NLA, xfreerdp Astra Linux /sec:tsl, :

```
xfreerdp /u:<__windows> /v:<__IP-__windows> /sec:tls
```

8-

8- /relax-order-checks, :

```
xfreerdp /u:$user /p:$pass /v:$ip_orel /bpp:8 /relax-order-checks
```

Astra Linux Remmina

Remmina Astra Linux Special Edition x.7 . Astra Linux Special Edition Astra Linux Common Edition. :

```
sudo apt install remmina remmina-plugin-rdp remmina-plugin-secret remmina-plugin-spice
```

Remmina ("" - "" - "Remmina") :

```
remmina
```

Astra Linux Astra Linux

SSH

SSH Astra Linux

SSH. . SSH.

, , X11Forwarding /etc/ssh/sshd_config yes:

```
X11Forwarding yes
```

() SSH- -X. :

```
ssh -X <___>@<___> <>
```

, <___>@ . , ssh, , .

kate:

```
ssh -X 192.168.1.32 kate
```

sudo

, ssh sudo :

1. ssh :

   ```
   ssh -X <___>@<___>
   ```

2. ssh /root/.Xauthority:

   ```
   sudo touch /root/.Xauthority
   ```

3. /root/.Xauthority , ssh:

   ```
   sudo xauth add `xauth list $DISPLAY`
   ```

sudo.

XDMCP Astra Linux

, Astra Linux . . XRDMCP Astra Linux.

Astra Linux XDMCP xserver-xephyr 1.20.10-3ubuntu5astra[.se]1 ( ).

:

```
Xephyr -query <__IP-_> :1
```

:

```
Xephyr -indirect <__IP-_> -screen <_> -title <_> -resizeable :<_>
```

:

- -indirect – , ;
- <__IP-_> – IP- , 192.168.1.100;
- -screen <_> – , 800x600;
- -title <_> – ;
- -resizeable – , ;
- :<_> — , . 0 ( ). , :0. .

:

```
Xephyr -indirect 192.168.1.100 -screen 800x600 -title  -displayID 0:0 -
resizeable :101
```

RDP freerdp2-x11/krdc

, (), freerdp2-x11 krdc.

- Astra Linux Special Edition x.7 , Astra Linux Common Edition . :

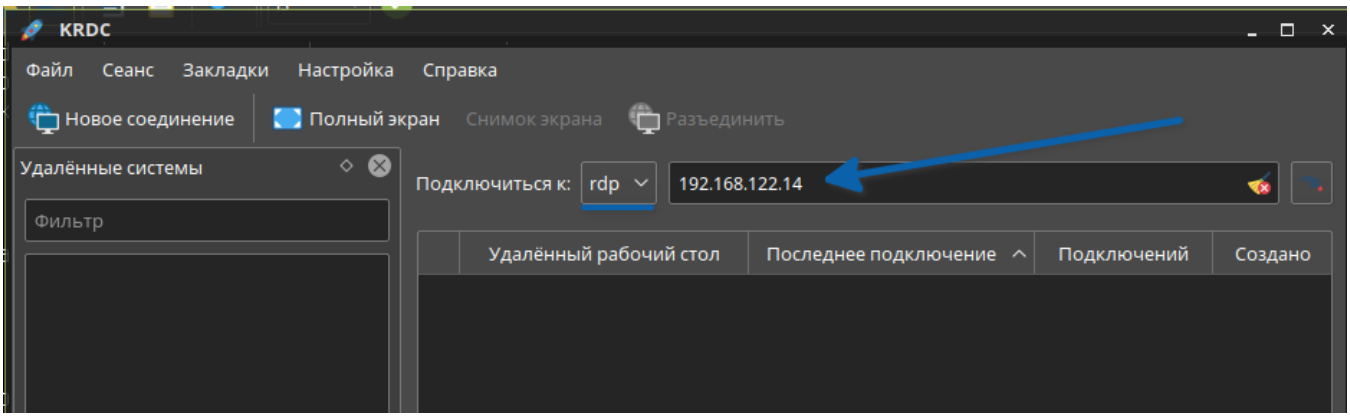
  ```
  sudo apt install krdc
  ```

- Astra Linux Special Edition 1.6 krdc Astra Linux Common Edition Astra Linux Common Edition ( ):

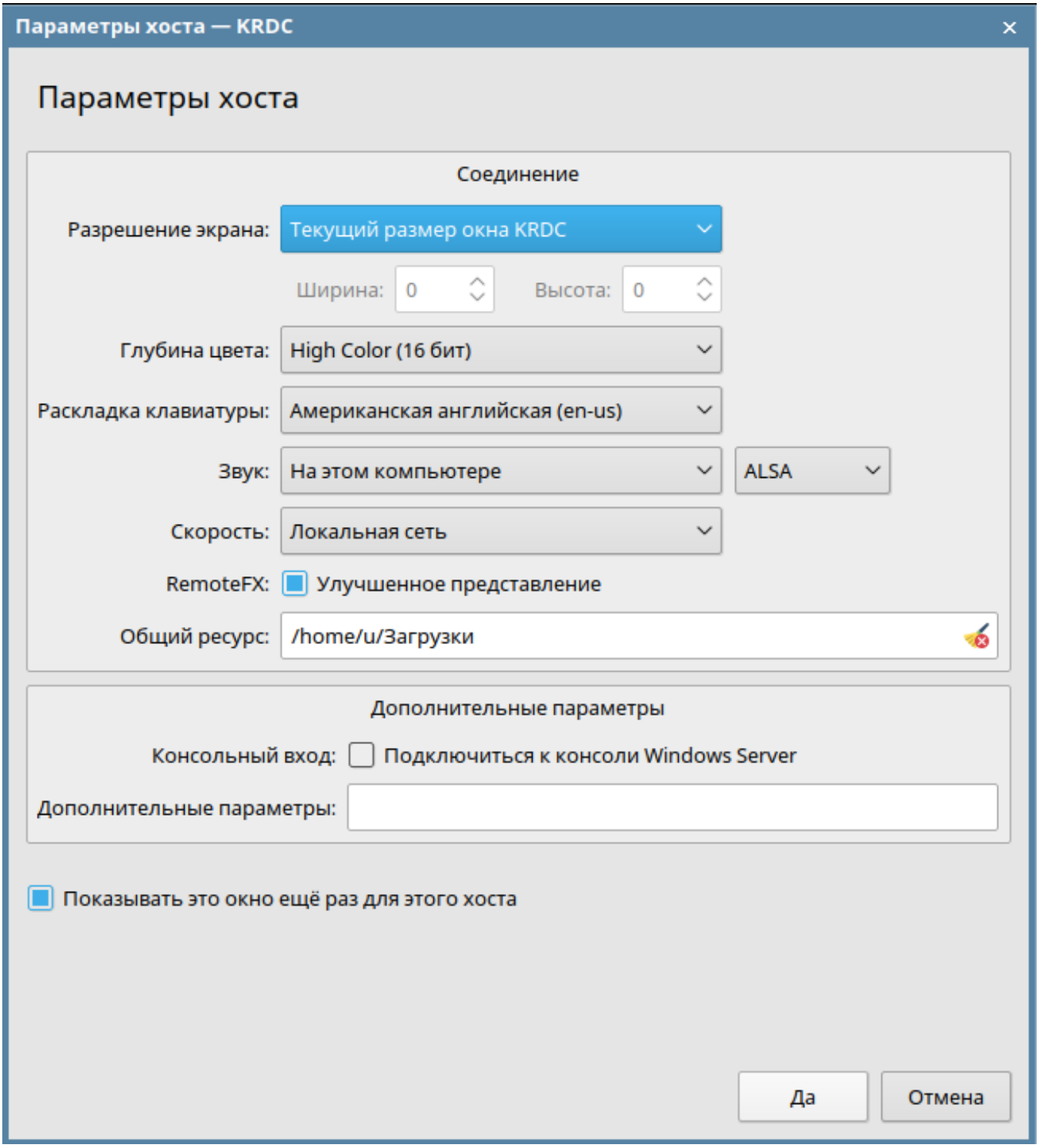
  ```
  wget https://dl.astralinux.ru/astra/frozen/2.12_x86-64/2.12.44
  /repository/pool/main/k/krdc/krdc_19.12.3-0ubuntu1astra1_amd64.deb
  sudo apt install ./krdc_*_amd64.deb
  ```

krdc freerdp2-x11. : **KRDC**

RDP, Enter:



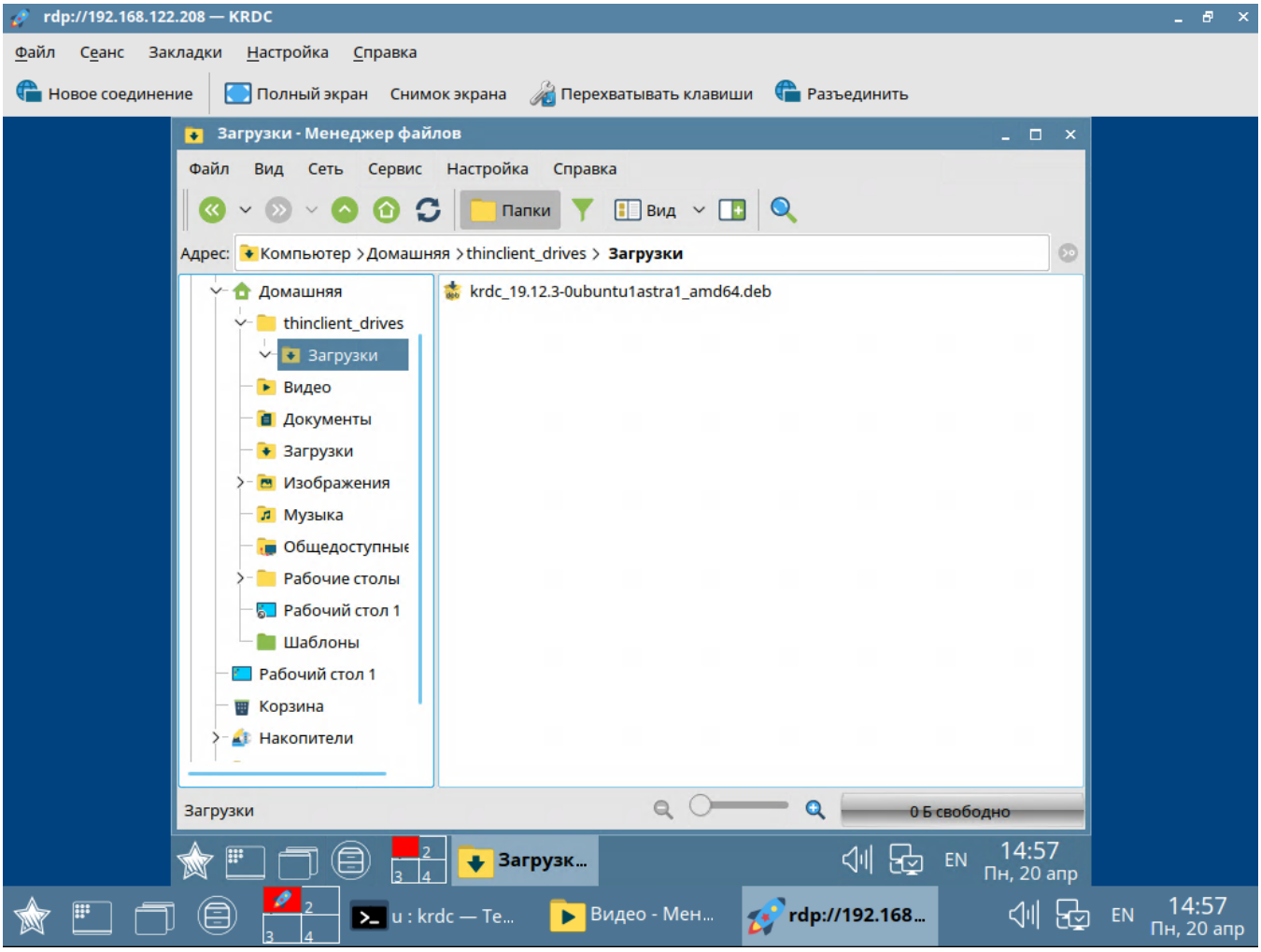
:



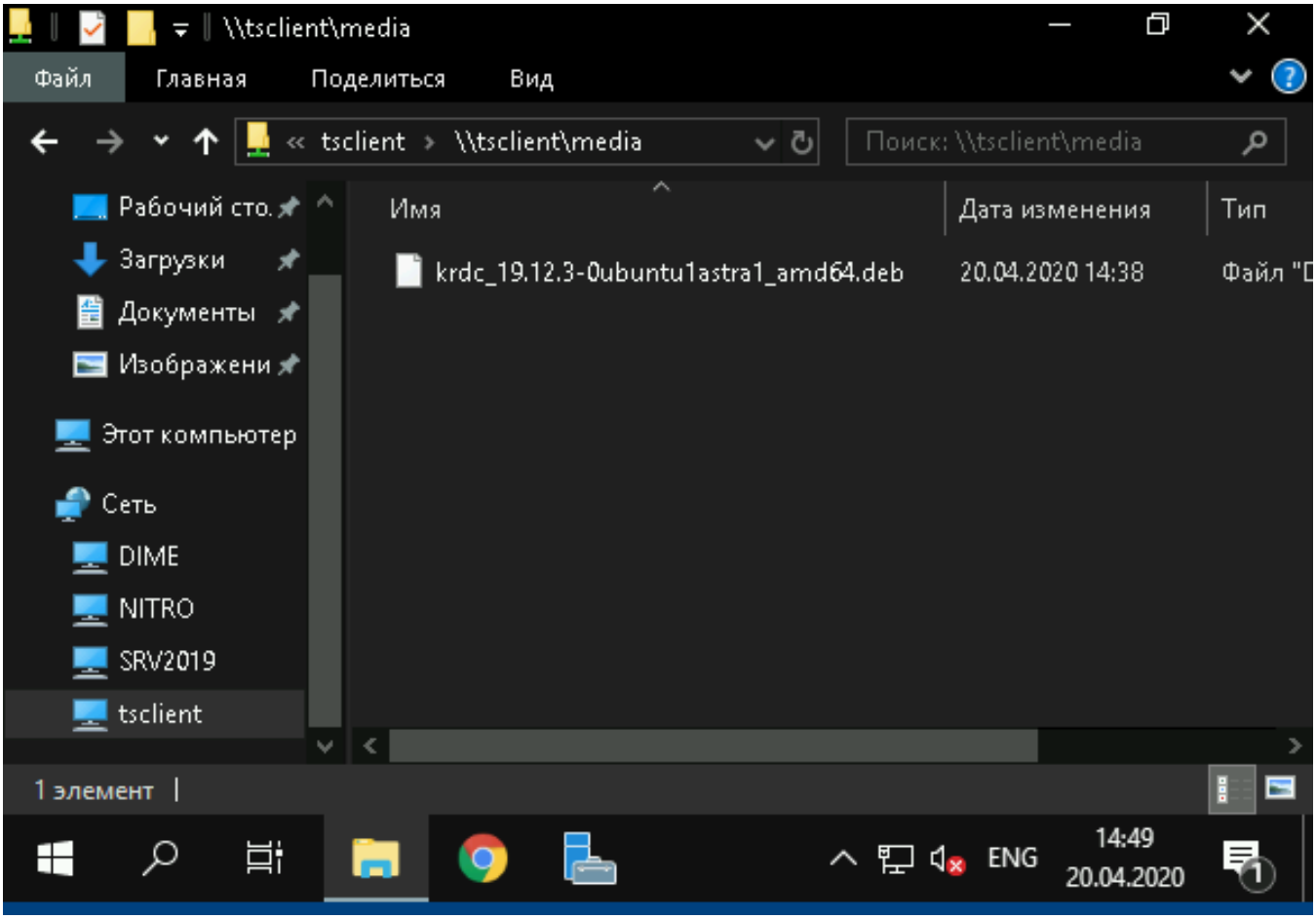
, 16

" " rdp-.

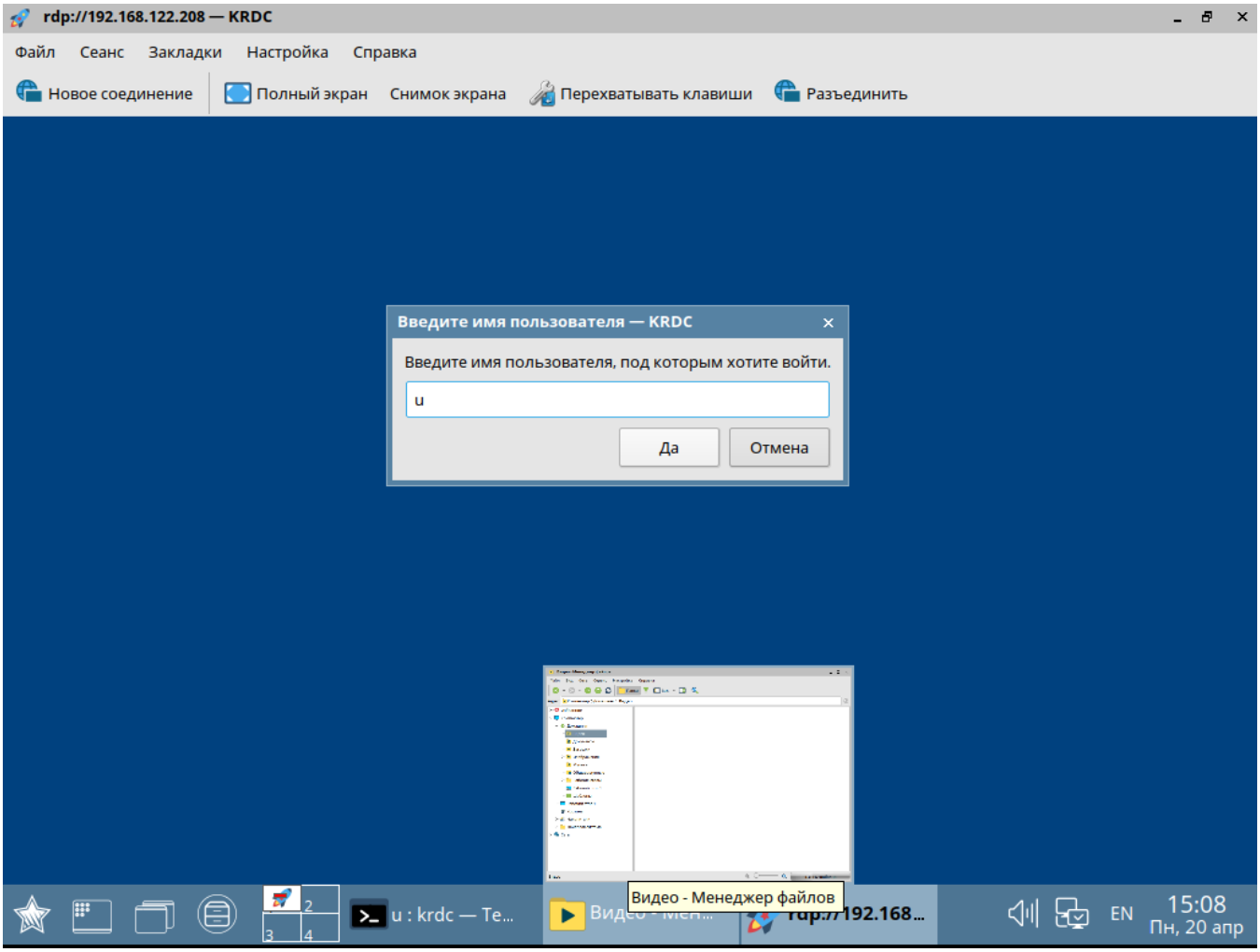
-rdp linux, , :

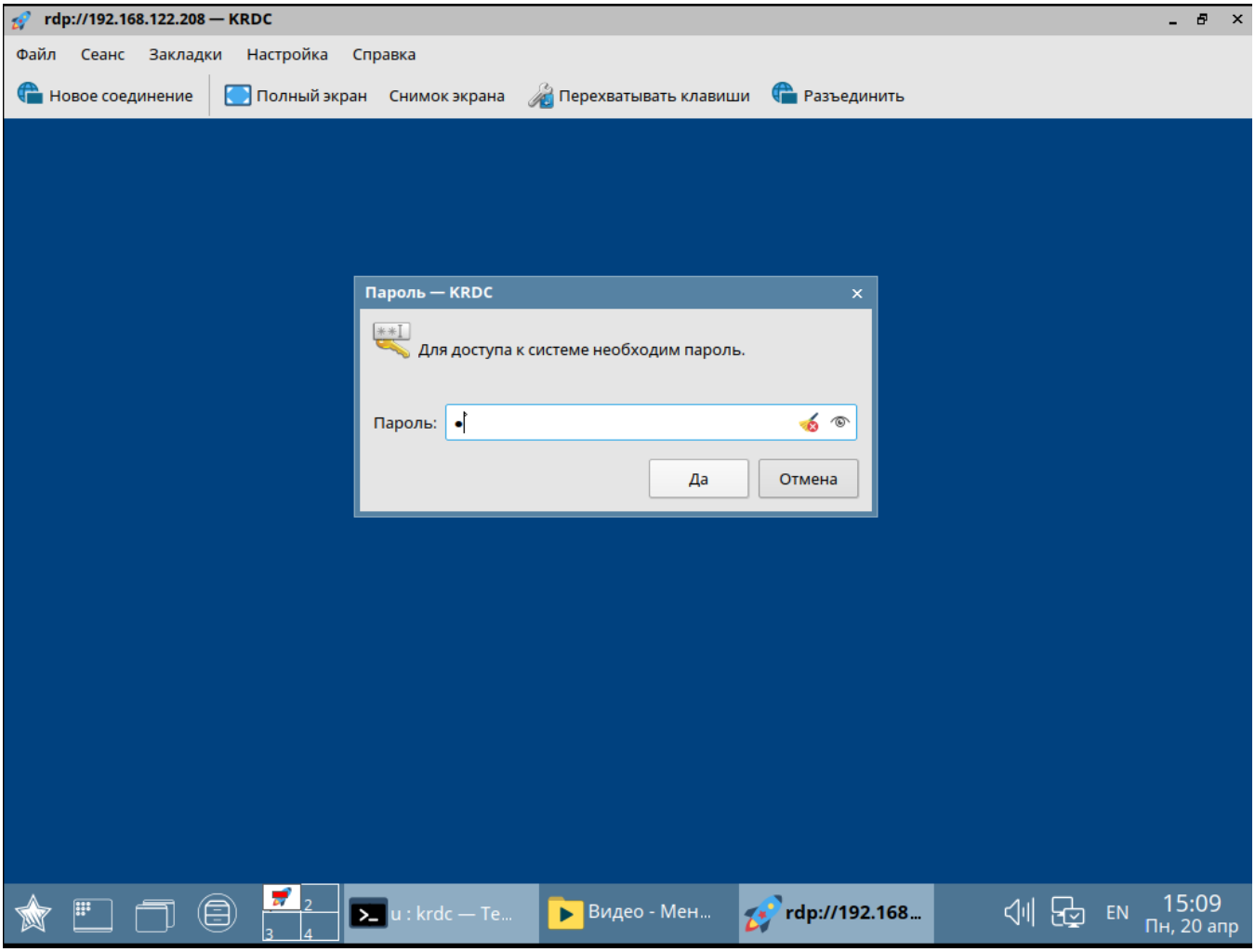


-rdp windows, , tsclient:


\\tsclient\media
Файл
Главная
Поделиться
Вид
« tsclient › \\tsclient\media
Поиск: \\tsclient\media
Рабочий сто.
Загрузки
Документы
Изображени
Этот компьютер
Сеть
DIME
NITRO
SRV2019
tsclient
Имя
Дата изменения
Тип
krdc_19.12.3-0ubuntu1astra1_amd64.deb
20.04.2020 14:38
Файл "D
1 элемент
ENG
14:49
20.04.2020

"" , .


rdp://192.168.122.208 — KRDC
Файл
Сеанс
Закладки
Настройка
Справка
Новое соединение
Полный экран
Снимок экрана
Перехватывать клавиши
Разъединить
Введите имя пользователя — KRDC
Введите имя пользователя, под которым хотите войти.
u
Да
Отмена
Видео - Менеджер файлов
u : krdc — Te...
EN
15:08
Пн, 20 апр


rdp://192.168.122.208 — KRDC
Файл
Сеанс
Закладки
Настройка
Справка
Новое соединение
Полный экран
Снимок экрана
Перехватывать клавиши
Разъединить
Пароль — KRDC
Для доступа к системе необходим пароль.
Пароль:
Да
Отмена
u : krdc — Te...
Видео - Мен...
rdp://192.168...
EN
15:09
Пн, 20 апр