VIRTUAL CABLE

Enabling RDP connection from macOS devices

UDS ENTERPRISE 3.6

Enabling RDP connection from macOS devices

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1. Introduction

This guide indicates the steps to be taken to use RDP connection clients to connect to UDS services from macOS operating systems.

The supported RDP clients are:

- FreeRDP
- Microsoft Remote Desktop

To use this functionality it will be necessary to have at least UDS Enterprise 3.5 version

It will also be necessary to install the UDS Client, which will call the RDP client chosen for the connection.

1. Installing the UDS Client

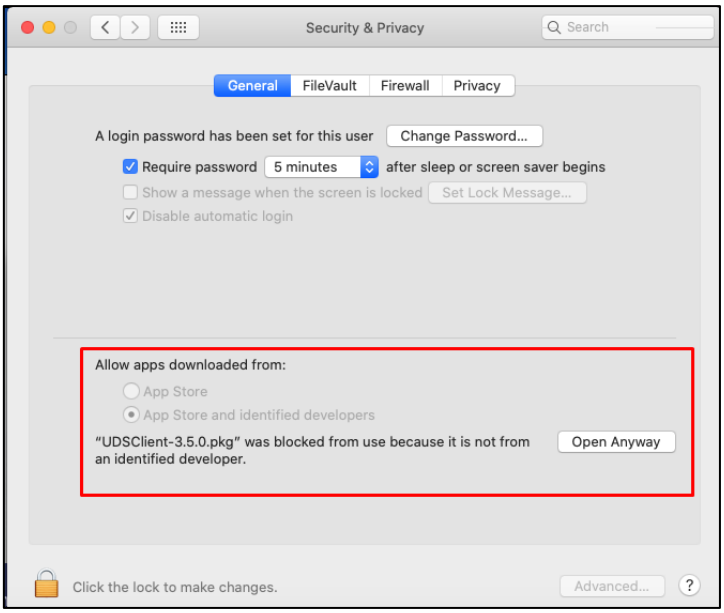
Before connecting to UDS services, it will be necessary to install the UDS Client for macOS.

Access the UDS Client downloads and select "**MacOS (pkg)**":

Proceed to its installation:

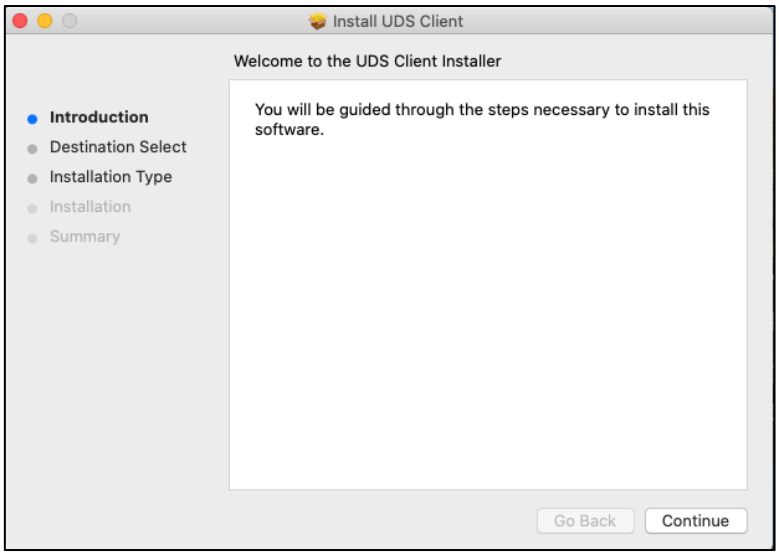
- A notification will appear that prevents its execution:

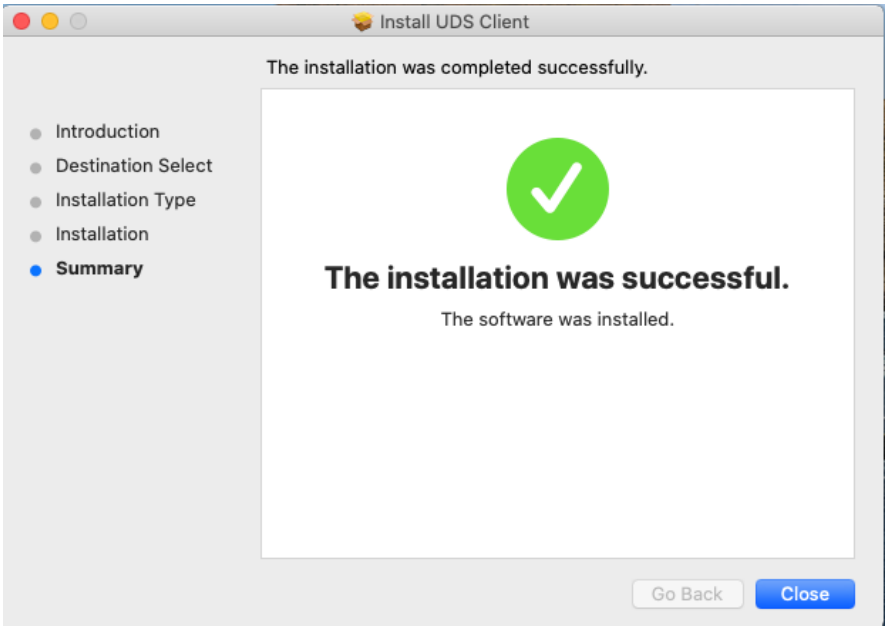
- To solve this issue, access: **Apple menu > System Preferences, click Security & Privacy, General**:



- Click on "**Open Anyway**" to open the UDS Client.

- Proceed to the installation of the UDS Client:


Install UDS Client
Welcome to the UDS Client Installer
Introduction
Destination Select
Installation Type
Installation
Summary
You will be guided through the steps necessary to install this software.
Go Back
Continue


Install UDS Client
The installation was completed successfully.
Introduction
Destination Select
Installation Type
Installation
Summary
The installation was successful.
The software was installed.
Go Back
Close

2. Installing FreeRDP

To use the FreeRDP client to connect with UDS services, it is necessary to install it. To that end, you will have to carry out the following tasks:

- Install "**brew**"

Execute the following command from a terminal:

/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install.sh)"

```
user@users-MacBook-Pro ~ % /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install.sh)"
Password:
==> This script will install:
/usr/local/bin/brew
/usr/local/share/doc/homebrew
/usr/local/share/man/man1/brew.1
/usr/local/share/zsh/site-functions/_brew
/usr/local/etc/bash_completion.d/brew
/usr/local/Homebrew
==> The following new directories will be created:
/usr/local/bin
/usr/local/etc
/usr/local/include
/usr/local/lib
/usr/local/sbin
/usr/local/share
/usr/local/var
/usr/local/opt
/usr/local/share/zsh
/usr/local/share/zsh/site-functions
/usr/local/var/homebrew
/usr/local/var/homebrew/linked
/usr/local/Cellar
/usr/local/Caskroom
/usr/local/Homebrew
/usr/local/Frameworks
==> The Xcode Command Line Tools will be installed.

Press RETURN to continue or any other key to abort
```

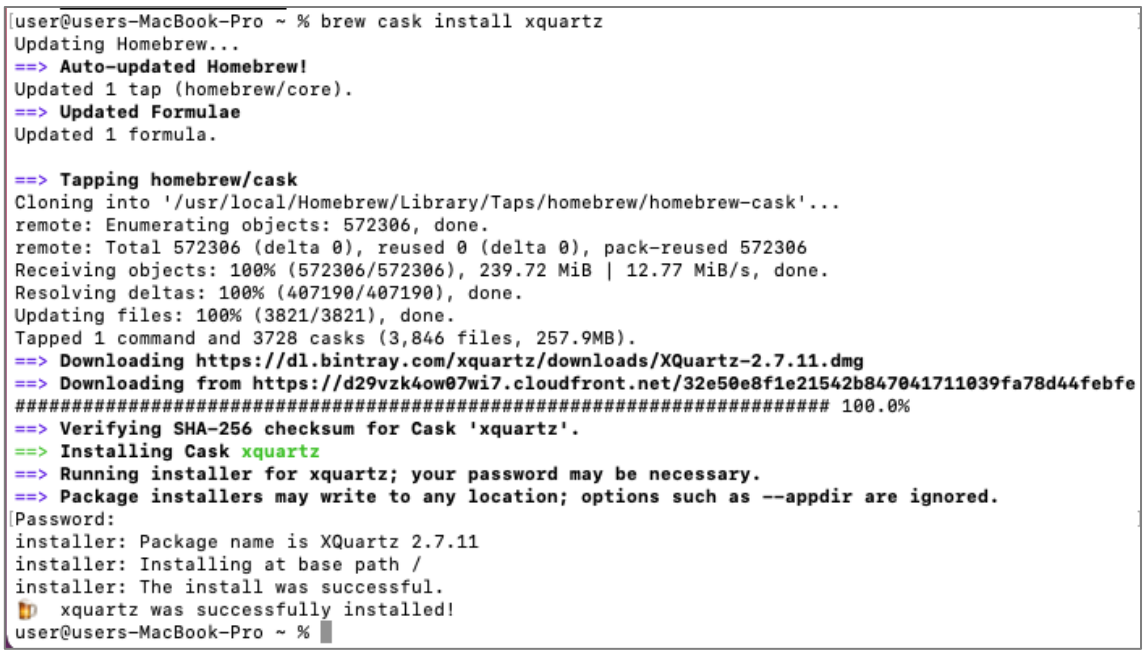
Confirm that the installation was successful:

```
Already up-to-date.
==> Installation successful!

==> Homebrew has enabled anonymous aggregate formulae and cask analytics.
Read the analytics documentation (and how to opt-out) here:
  https://docs.brew.sh/Analytics
No analytics data has been sent yet (or will be during this `install` run).

==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
  https://github.com/Homebrew/brew#donations

==> Next steps:
- Run `brew help` to get started
- Further documentation:
    https://docs.brew.sh
user@users-MacBook-Pro ~ %
```

- Install “**xquartz**”

Execute the following command from a terminal:

brew cask install xquartz



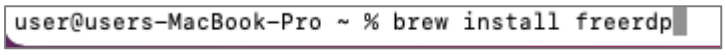
* If the above command does not work, use the following:

brew install --cask xquartz

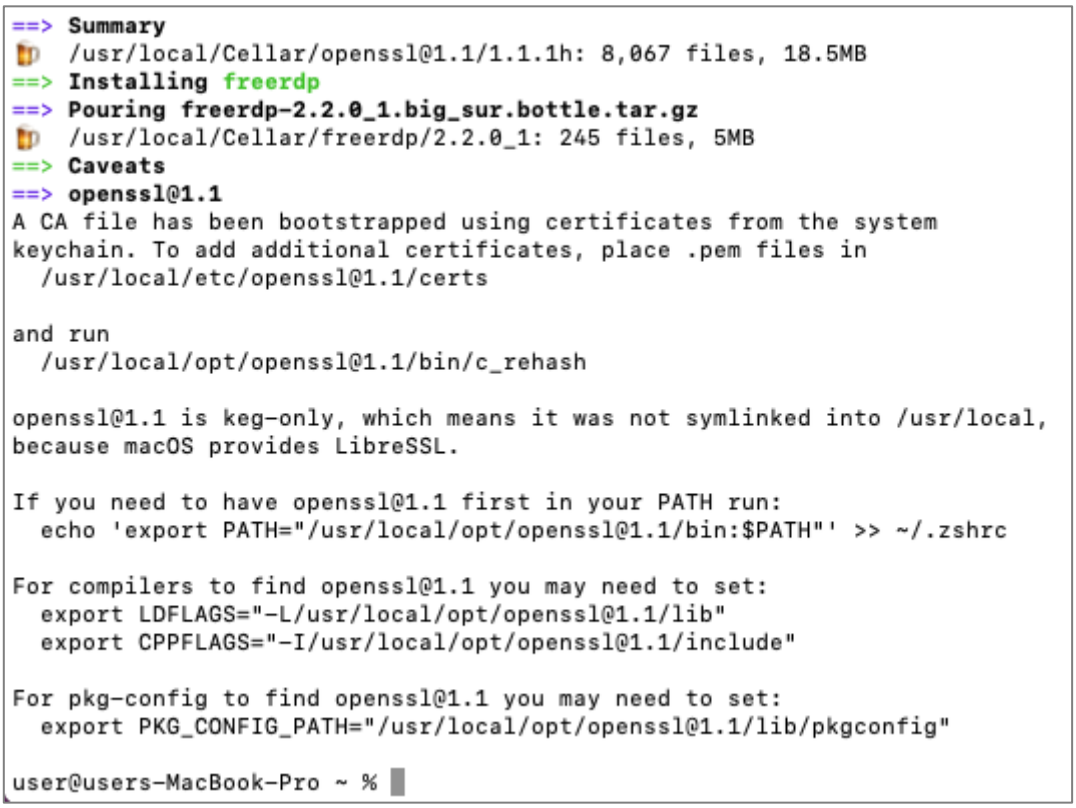
- Install **“FreeRDP”**

Execute the following command from a terminal:

brew install freerdp



Confirm that the installation was successful:



The last task to be performed to finish the FreeRDP installation is **restarting the computer** to apply these new settings.

3. Using FreeRDP

If you already have a FreeRDP client installed on your macOS connection client computer, you will be able to access UDS services through this client. To do this, you will have to verify that the "**Allow Microsoft RDP Client**" parameter is not enabled within the "**Mac OS X**" section of the RDP transport to be used:

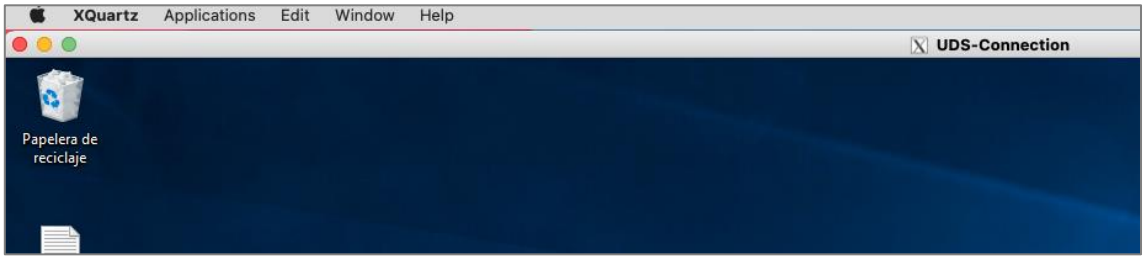
NOTE: With the FreeRDP client, you will be able to redirect credentials (username and password) based on the configuration applied in the "Credentials" tab of the transport.

If you leave the option "**Allow Microsoft Rdp Client**" as it comes by default (**disabled**), the UDS Client installed on the macOS device will search for and use the FreeRDP client (if it is not installed, an error will appear requesting its installation).

If you **enable** the "**Allow Microsoft Rdp Client**" option, the UDS Client installed on the macOS device will use the "Microsoft Remote Desktop" client.

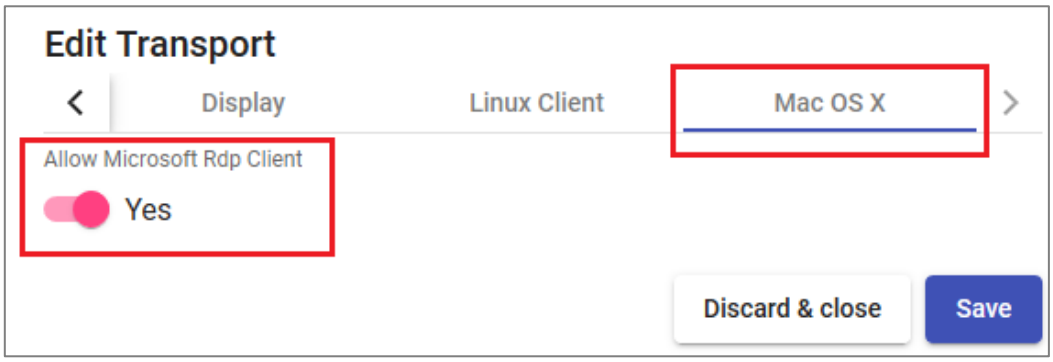
NOTE: If you use the "Microsoft Remote Desktop" client, it will not be possible to redirect credentials and it will always be necessary to indicate the password to log into the service

Once verified, you can make the connection with the service:



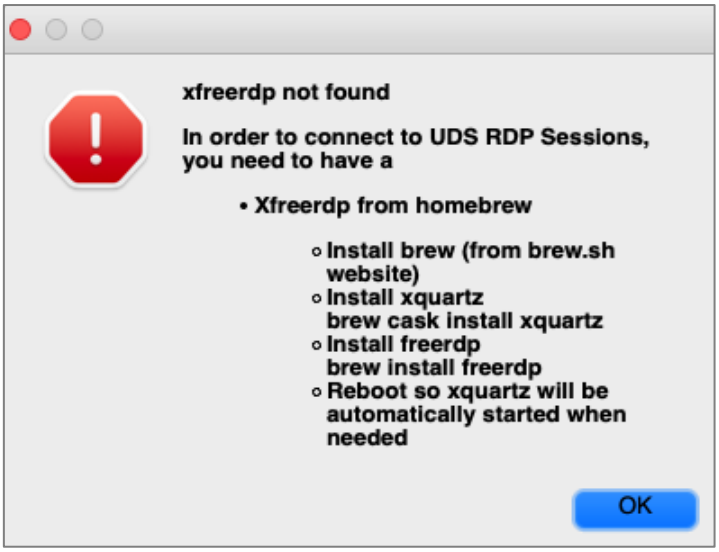
4. Using Microsoft Remote Desktop

If you want to use the Microsoft Remote Desktop client instead of FreeRDP, you must enable the "**Allow Microsoft RDP Client**" parameter within the "**Mac OS X**" section of the RDP transport to be used:

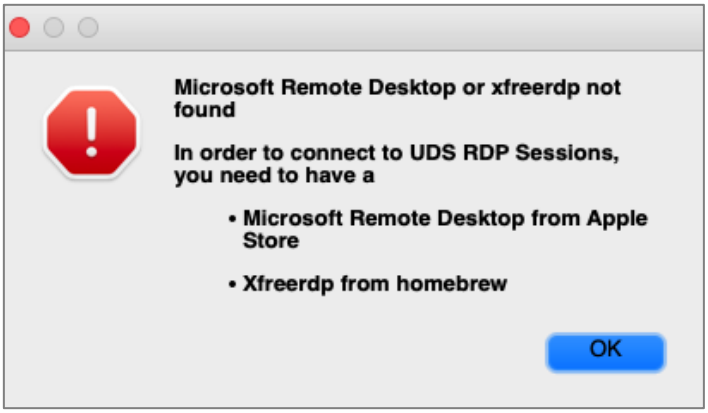


Something very important to take into account is that you will need to **uninstall from your device every other Remote connection client** (Paralels, Cord…).

In case this parameter is not enabled, UDS will try to use the FreeRDP client to make the connection. If it is not installed, you will get the following error:

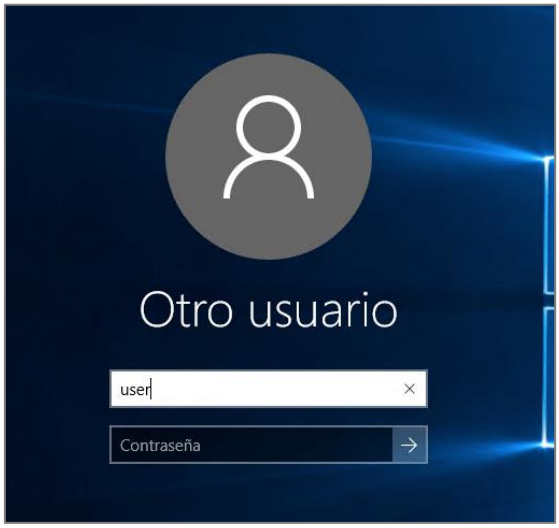


If you have the "**Allow Microsoft RDP Client**" parameter enabled but the "**Microsoft Remote Desktop**" client is not installed and you try to make the connection, you will get the following error:



If you have the "**Microsoft Remote Desktop**" client installed and the "**Allow Microsoft RDP Client**" parameter enabled, when you make the connection you will connect to the service.

The system will request the user's password (the user name will be redirected based on the configuration applied in the "**Credentials**" tab of the transport).



5. About Virtual Cable

Virtual Cable is a company specialized in the **digital transformation** of the **workplace**. The company develops, supports and markets UDS Enterprise. Its team of experts has designed **VDI** solutions tailored to **each sector** to provide a unique user experience fully adapted to the needs of each user profile. Virtual Cable professionals have **more than 30 years of experience** in IT and software development and more than 15 in virtualization technologies**. Millions of Windows and Linux virtual desktops with UDS Enterprise are deployed all over the world every day**.