



Microsoft Office 365
& **UDS Enterprise**

www.udsenderprise.com



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Introduction

The following document contains the steps to follow to carry out the use of Microsoft Office 365 together with UDS Enterprise and thus be able to benefit from the advantages of these environments.

In UDS Enterprise you can deploy services related to Office 365 in three ways which will be explained in this document, these options are:

- **Locally using a URL launcher:**

In case of using the Azure AD authenticator, once you are authenticated in UDS Enterprise, you will also be doing it locally in the local browser, so when launching a URL service and taking us to the official Office 365 page, you will already be authenticated in Microsoft so you will not have to enter the credentials anymore.

In case of not using the Azure authenticator we can continue launching said URL, but you will have to do a double authentication on the Microsoft page. However, this allows you to validate our users in UDS with a different type of Authenticator.

- **As a Windows RDS Application service:**

Thanks to this service we will be able to authenticate our users on an RDS server and have their Office 365 session remotely so that they can access this service from any device that has an Internet connection and a browser. In addition, they will be able to launch Office applications using RDS transports to launch their Office 365 services as if it were a regular desktop application.

- **As a service of self-generated machines:**

Depending on the type of machines, if you have persistent machines in your workstation, you can access these Office 365 services from anywhere, and if you have non-persistent machines, you can perform double authentication to access Office 365 from a machine preconfigured by the organization with the desired settings for it.

1. Requirements

To carry out this deployment you will need a deployment of version 3.0 or 3.5 of UDS Enterprise, and the Azure AD authenticator will be used since this will be the one that authenticates us against a Microsoft account and that is valid for a Microsoft Office 365 subscription.

If you don't have an Azure authenticator, you can continue to deploy services related to Office 365 but having to do double authentication since you will do it in UDS and later in the Office 365 service that you use.



Office 365 locally (Azure AD + Office 365 + UDS Enterprise).

Using this method, users will be authenticated in UDS and will have a service ready that will have the URL Launcher defined as transport with which they will be redirected to the specific Office 365 service (Word, Excel...).

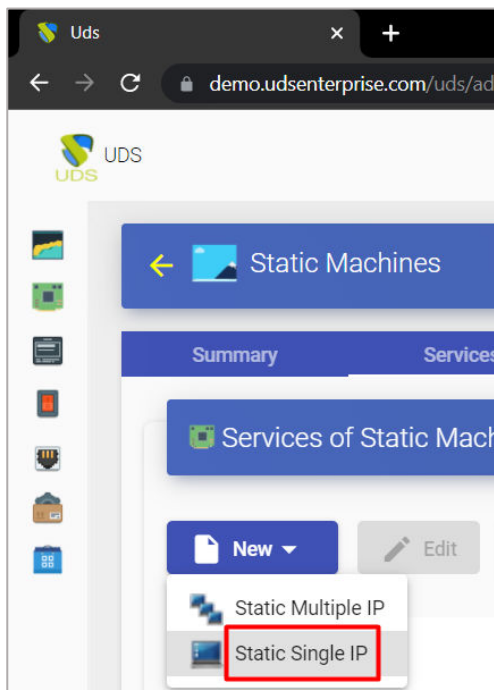
In case you use the Azure AD Authenticator, once the user logs in to UDS Enterprise, they will also log in to Microsoft, so when the service is launched, they will already have the Word, Excel, ... service ready to create or edit a file, for example.

If you do not use the Azure Authenticator and use another (Internal Base, SAML, ...) you must do a double authentication since you will be redirected to the Microsoft page.

To carry out this type of service you must follow the following steps:

2. Static Machine Service Provider

Create a service of static machines and create a base service with a fictitious machine, it is not necessary that it be an operational machine (Ex/ STATIC IP 0.0.0.0).



New service

Tags

Tags for this element

Name *

Simple Machine

Comments

This machine doesn't work

Machine IP *

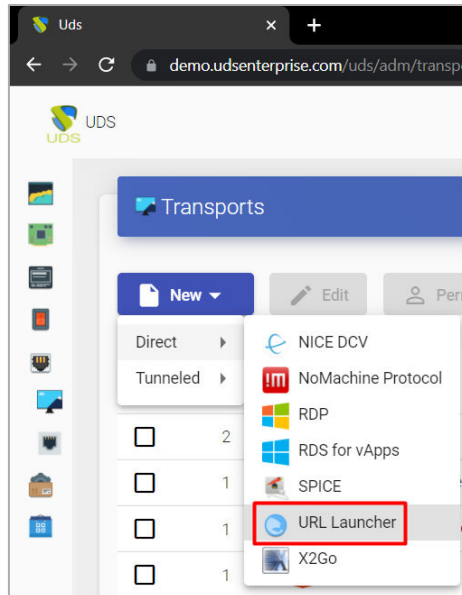
0.0.0.0

Discard & close Save



3. URL Launcher Transport

In the transport tab and in the creation of the same is where you will indicate the links to which the user will be redirected when logging into Azure and UDS Enterprise, in this case it will redirect to the office365 page, specifically to Word.



New Transport

Main

Advanced

Tags

Tags for this element

Name *

OFFICE 365 WORD

Comments

This link open office 365 word page

Priority *

1

URL Pattern *

https://www.office.com/launch/word?auth=2

Network access

☒ Yes

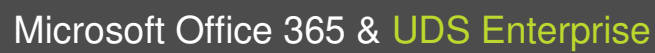
Networks

Networks associated with this transport. If No network selected, will mean "all networks"

Allowed Devices

Discard & close

Save



The screenshot displays the UDS Enterprise web interface. On the left, a sidebar contains various icons, with one icon highlighted by a red box. A red arrow points from this icon to a modal dialog titled 'New service Pool'. The dialog has four tabs: 'Main' (selected), 'Display', 'Advanced', and 'Availability'. The 'Main' tab contains the following fields and controls:

- Tags:** A text input field with the placeholder 'Tags for this element'.
- Name *:** A text input field with the placeholder 'Name of this element'.
- Short name:** A text input field with the placeholder 'Short name for user service visualization'.
- Comments:** A text input field with the placeholder 'Comments for this element'.
- Base service:** A dropdown menu.
- OS Manager:** A dropdown menu with the text 'OS Manager used as base of this service pool'.
- Publish on creation:** A toggle switch set to 'Yes'.

At the bottom right of the dialog are two buttons: 'Discard & close' and 'Save'.

UDS Enterprise © - Developed and supported by VirtualCable



Access the service to register the group or groups that will access and the transport to launch URLs

GROUP REGISTERED IN AZURE AD (In case of using another authenticator, the different groups of the other authenticators)

New group for Launch Office 365 Word

Authenticator
AzureAD

Group
VDI (VDI Group)

Cancel Ok

TRANSPORT FOR URL LAUNCHER

New transport for Launch Office 365 Word

Transport

Cancel Ok

New transport for Launch Office 365 Word

off

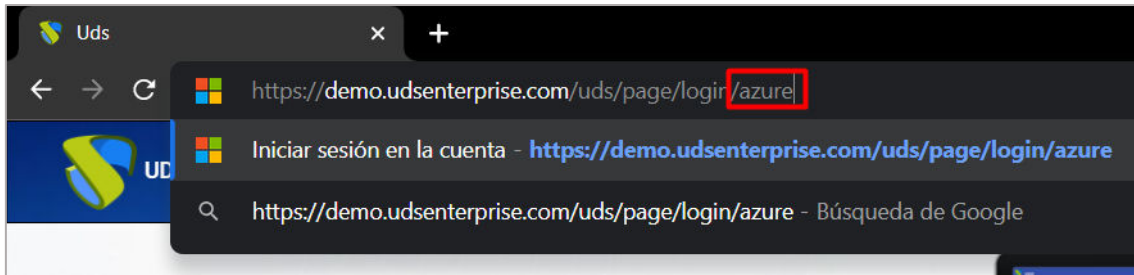
OFFICE 365 WORD (This link open office 365 word page)

Cancel Ok

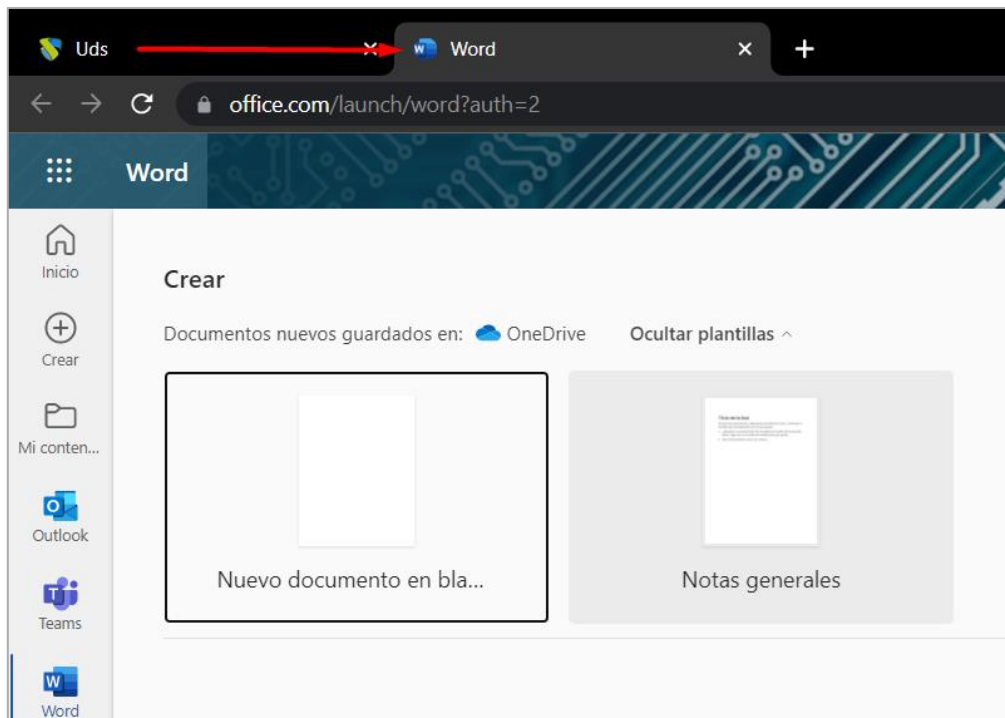
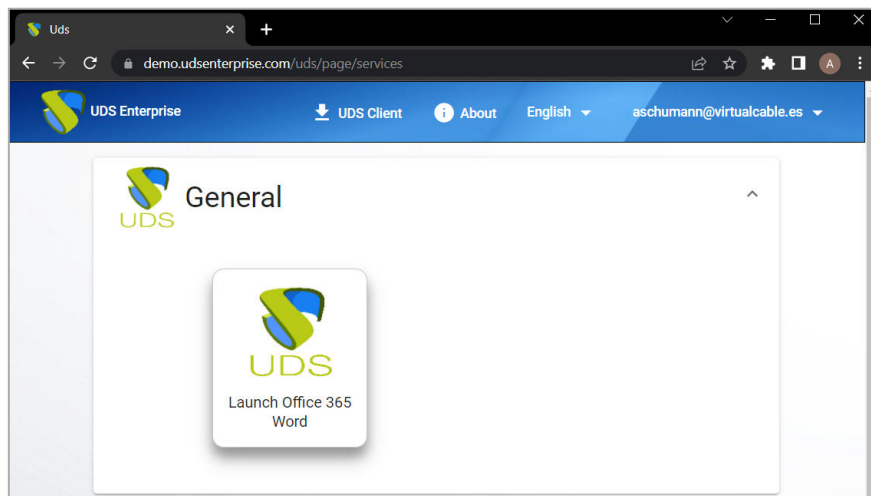
5. Outcome

The result described below is using the Azure AD Authenticator and we will indicate the address to authenticate ourselves in UDS Enterprise through this

(You will access through the list of authenticators, indicating the label in the URL or indicating the highest priority)



When accessing UDS Enterprise you can see the office 365 Word service like any other service, when clicking on it, the URL launcher will be executed and the redirection will be made in a new tab to the office365.com page





Office 365 As a Service VAPP Windows RDS

Using the Windows RDS Applications service, you can authenticate your users in Microsoft Office in their RDS profiles so that they only have to do it once or if you prefer them to perform double authentication but launching Office 365 from the remote RDS server.

At this point you can define two ways to offer services to your users:

- On the one hand, it will be possible to deploy a pool of services using the Office 365 applications and services as if it were an RDS application, downloading and installing the applications on the RDS server and connecting the profiles with their Office licenses. 365.
- On the other hand, you will be able to offer the possibility of launching Office 365 through a web browser and using office services through it. In this case, a double authentication must be carried out since the user will log in to UDS Enterprise and when they access the RDS browser, they must perform a double authentication in Office 365.

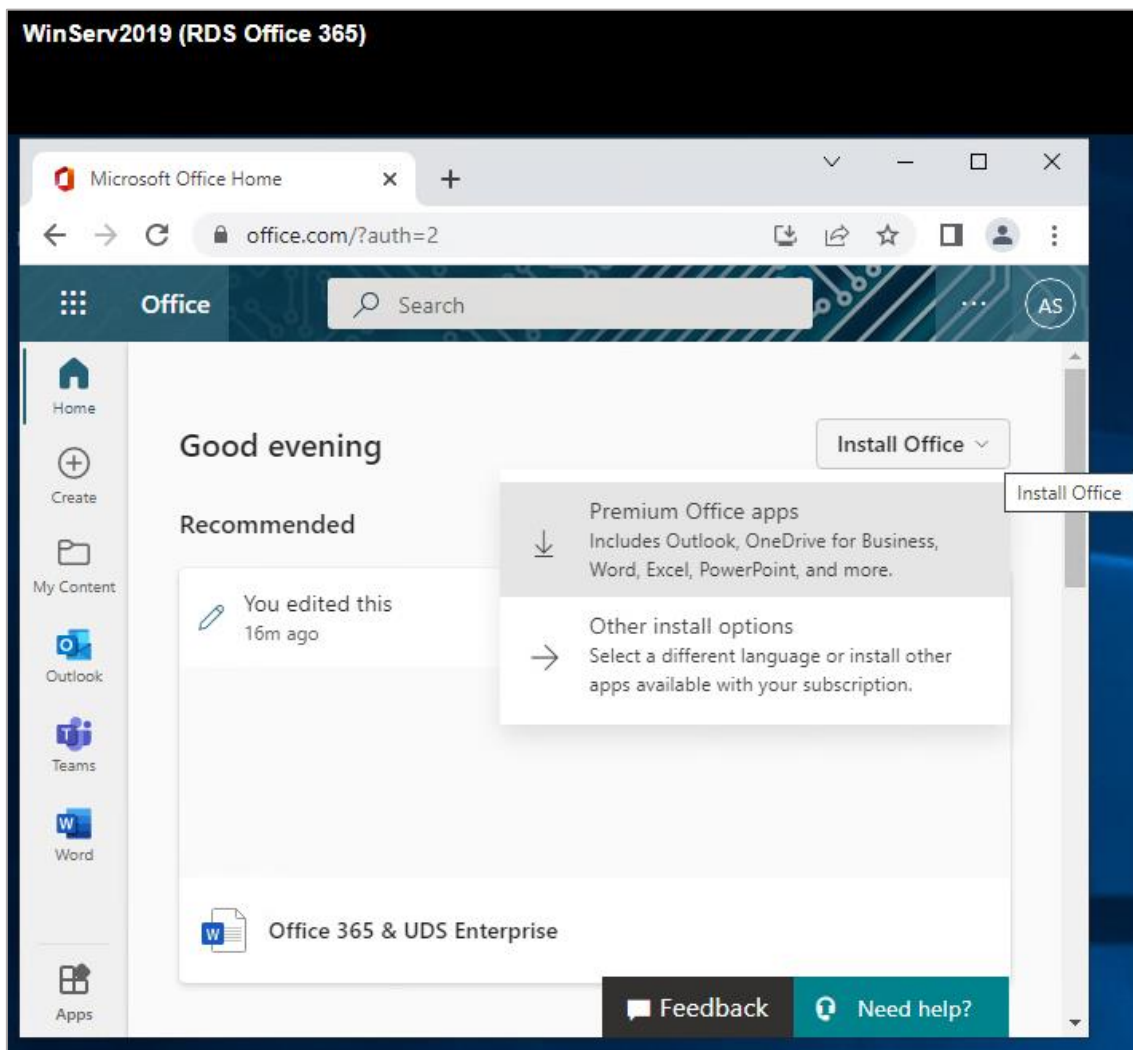


Office 365 as an RDS app

Through the use of this RDS service, you must take into account the type of license that you want to use, whether per user, volume, ... In view of this, UDS does not know the type of license to carry out, in this case we will perform an installation of Microsoft Office 365 that has services such as Word, Excel, PowerPoint and the objective of this practice will be for the user to authenticate in the RDS application to have a valid Microsoft office 365 license and have access to this Microsoft service from their RDS user.

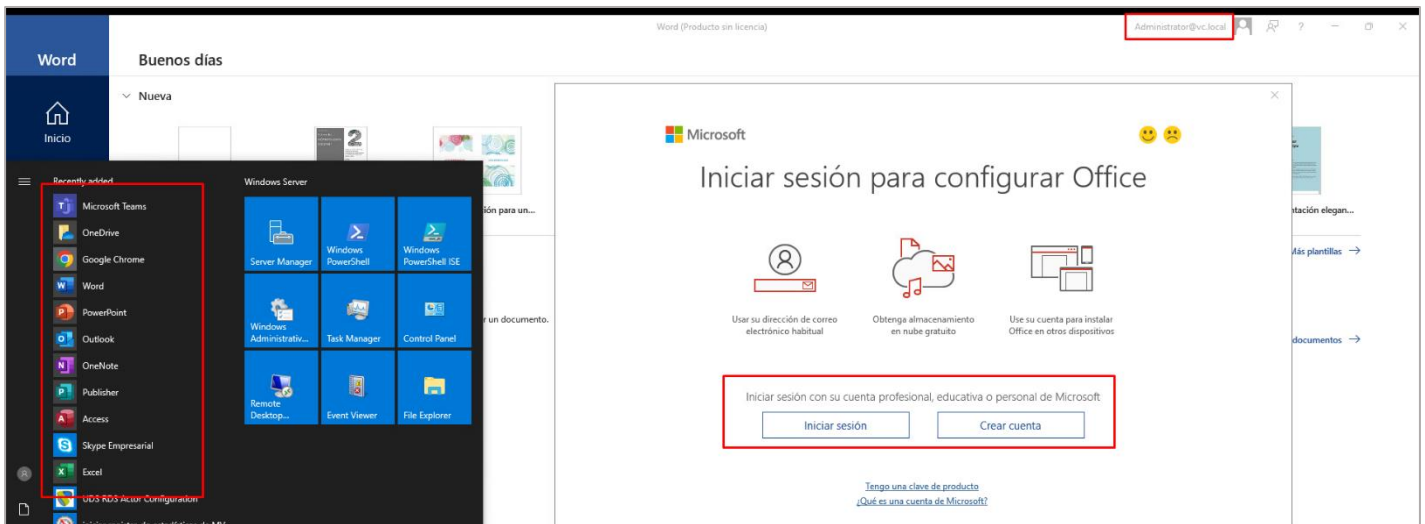
1. RDS Server Configuration

The first thing will be to download and install office on our RDS server, with this we will get access to Word, Excel services, ...



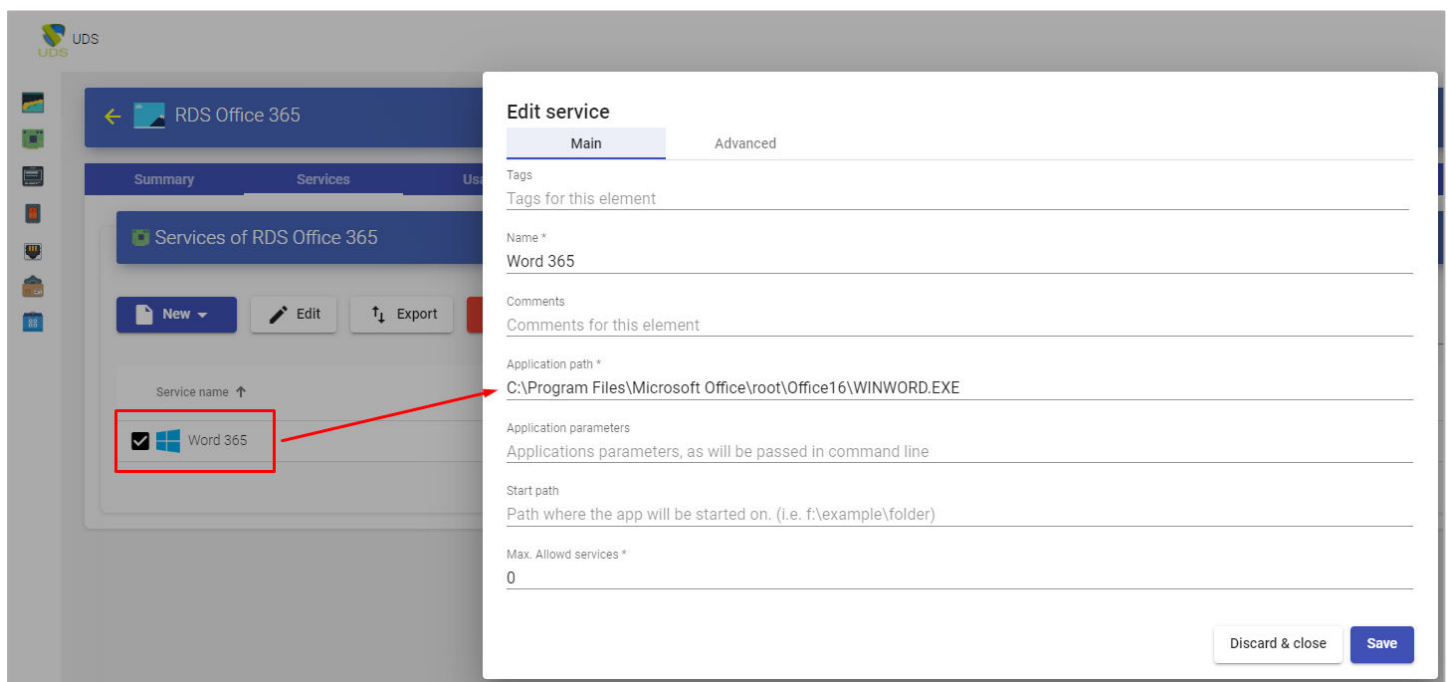


Once installed, when starting the application and since in this case the administrator user is a Windows AD user and not an Azure or Office user, you will be asked to log in with a Microsoft Office account with a valid Office 365 license. In this case, you will not have to log in with any user, since it will be later the RDS users who log in with their Office accounts.



2. RDS Base Service

Create a service provider with as many base services as you want related to Office 365, in each one the installation path must be indicated to launch the specific application. (Ex/Microsoft Word 365)





3. Service pool

Create an RDS-like OS manager, a corresponding transport just like we would any other RDS application and bring it all together into a final service.

New service Pool

Main

Display

Advanced

Availability

Tags

Tags for this element

Name *

Office 365 Word

Short name

Short name for user service visualization

Comments

Lauch word in RDS Server

Base service

RDS Server\Office 365 WORD

OS Manager

RDS OS Manager

Publish on creation

☒ Yes

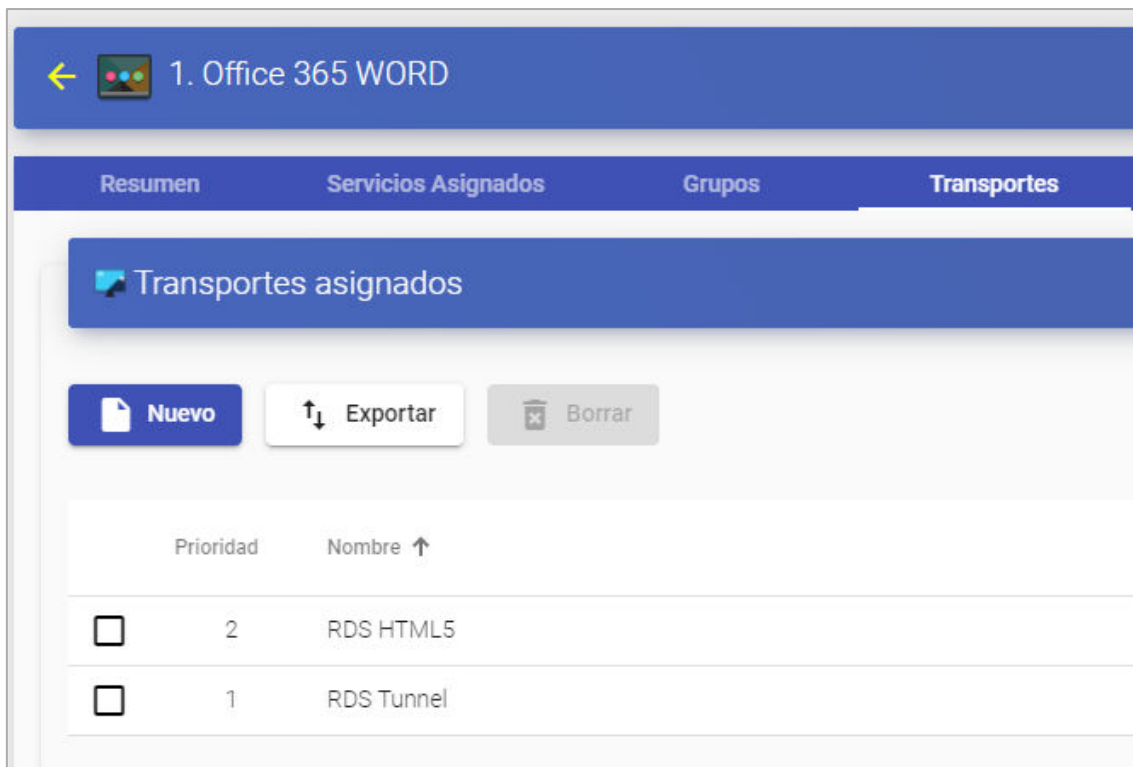
Discard & close

Save

4. Groups and Transports

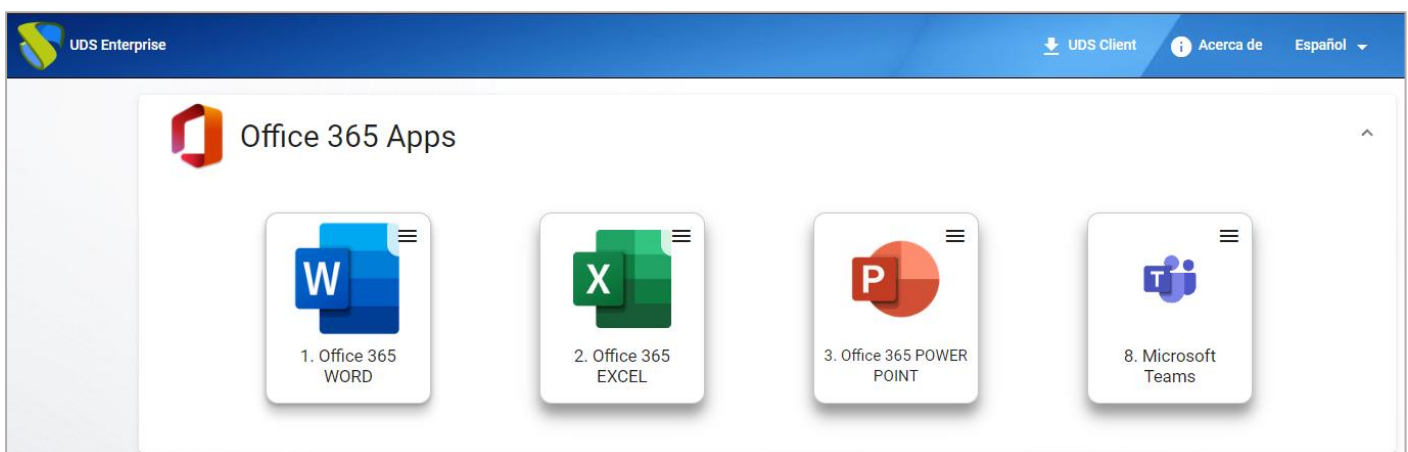
Access the service pool to add the group and transports that you want to have access to this service.

Resumen	Servicios Asignados	Grupos	Transportes	Acciones programadas	Calendarios de acceso
Grupos asignados					
<div><div>Nuevo</div><div>Exportar</div><div>Borrar</div></div>					
Nombre			Comentarios		
<input type="checkbox"/>	VDI@AzureAD		VDI Group		



5. Outcome

Once you have completed the previous steps in user mode you can view the RDS service or services.



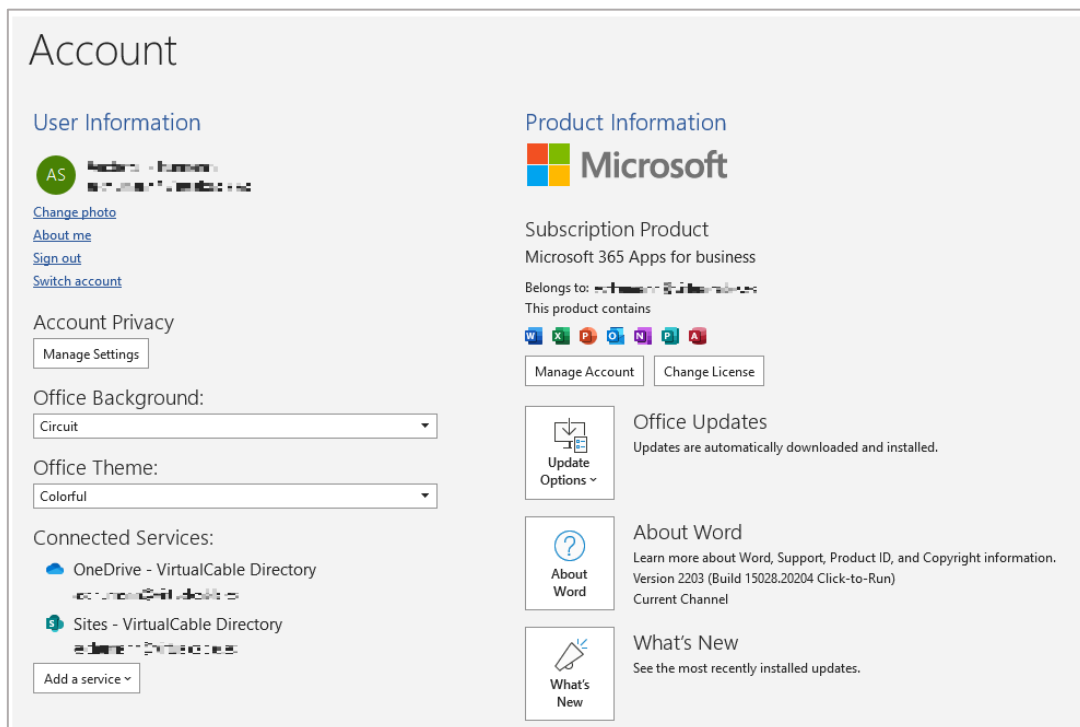
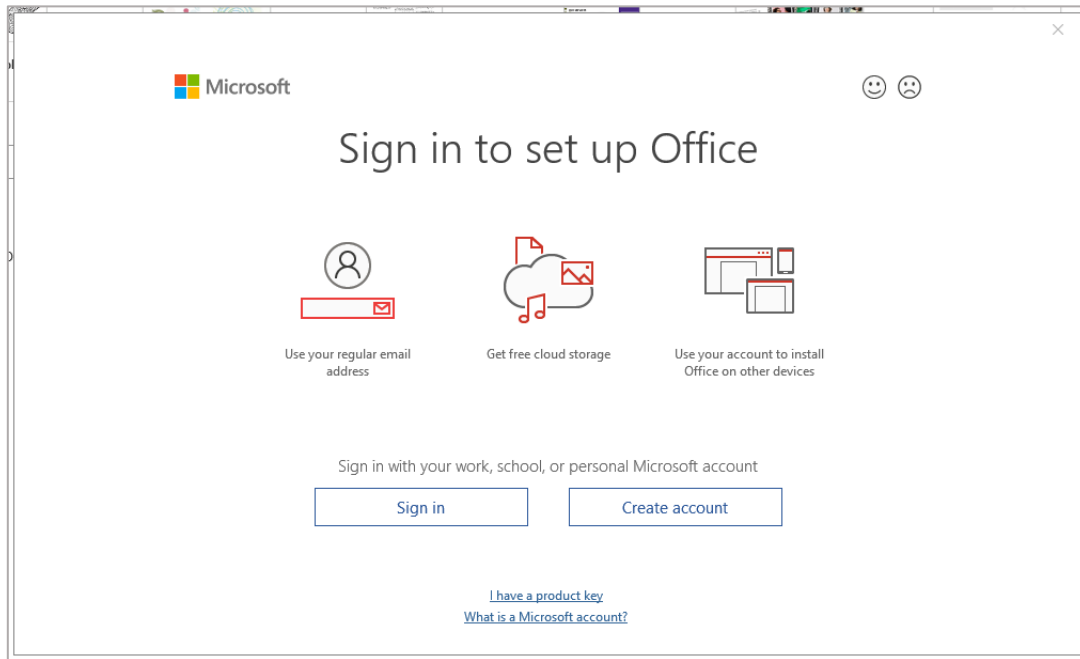
When accessing one of this service for the first time, any of the services that you have indicated will open and once the application is launched you will be asked to log in to a Microsoft Office account (it has a valid Office 365 license)

After logging in with that RDS profile and having an active Microsoft account, when you launch the service again you will have your Office 365 service ready.



In this case, authentication is being carried out in the internal database UDS, in order to later have an RDS user / profile created with UDS with the "AD User Management" function in the RDS service providers.

First launch of the Office 365 service



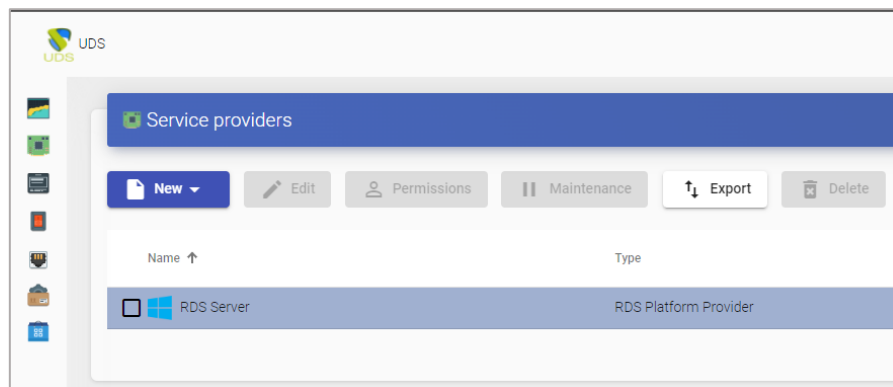


RDS web browser + Office 365

In this case we will launch a service that will launch the web browser on the RDS server and as a parameter the URL address to the Office 365 online services will be indicated.

1. RDS Base Service

Create a service provider with as many base services as you want related to Office 365. In our case, we will use Office 365 through browsers, so we will launch a remote application as a browser (in this case Chrome) and as a parameter we will indicate the different URLs to open the different services (Word, Excel, PowerPoint, ...)



Once the RDS service provider has been generated, generate as many base services as you want, in this example we will use the Chrome browser and as a parameter you will indicate the different URLs to open the different services (Word, Excel, PowerPoint, ...)

Edit service

Main

Advanced

Tags

Tags for this element

Name *

Office 365 WORD

Comments

Comments for this element

Application path *

C:\Program Files\Google\Chrome\Application\chrome.exe

Application parameters

https://www.office.com/launch/word?auth=2

Start path

Path where the app will be started on. (i.e. f:\example\folder)

Max. Allowed services *

0

Discard & close

Save



Services of RDS Server

New

Edit

Export

Delete

Service name	Comments
<input type="checkbox"/> Office 365 EXCEL	
<input type="checkbox"/> Office 365 POWERPOINT	
<input type="checkbox"/> Office 365 Teams	
<input type="checkbox"/> Office 365 WORD	

2. Service pool and Os Manager

Create an OS manager of the RDS type:

New OS Manager

Tags

Tags for this element

Name *

RDS OS Manager

Comments

Comments for this element

Max. session time *

24

Discard & close

Save

Register the transport through which you want to allow the connection, in this example we will use RDS:



New Transport

Main

Credentials

Parameters

Display

Linux Client

Advanced

Tags

Tags for this element

Name *

RDS Office 365

Comments

Comments for this element

Priority *

1

Network access

☒ Yes

Networks

Networks associated with this transport. If No network selected, will mean "all networks" ▼

Allowed Devices

If empty, any kind of device compatible with this transport will be allowed. Else, only devices compatible with selected values will be allowed ▼

Service Pools

Currently assigned services pools ▼

Discard & close

Save

Bring it all together into a final service.

New service Pool

Main

Display

Advanced

Availability

Tags

Tags for this element

Name *

Office 365 Word

Short name

Short name for user service visualization

Comments

Lauch word in RDS Server

Base service

RDS Server\Office 365 WORD ▼

OS Manager

RDS OS Manager ▼

Publish on creation

☒ Yes

Discard & close

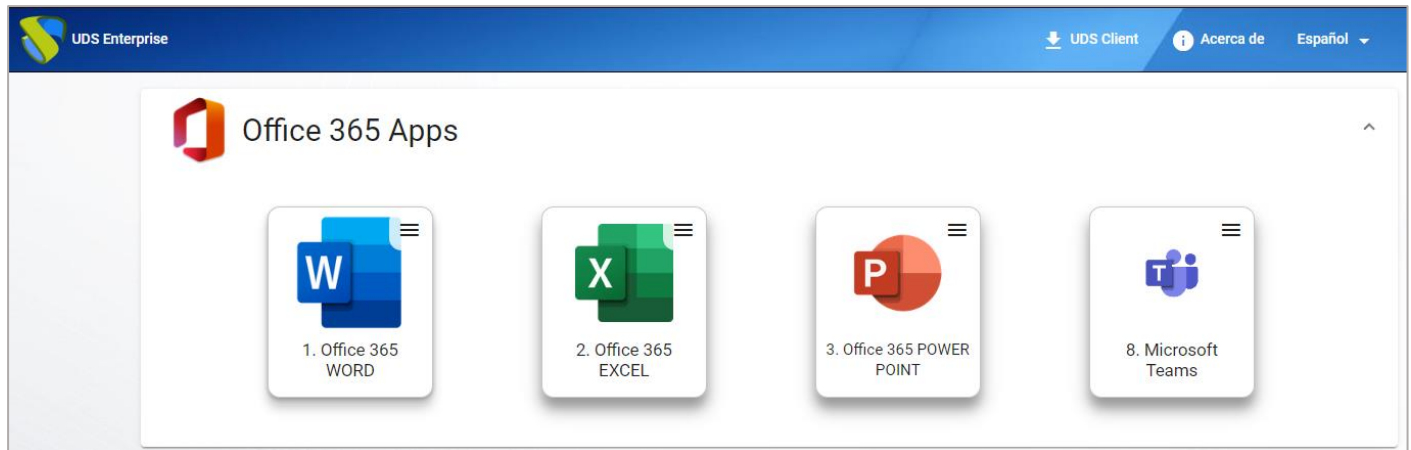
Save



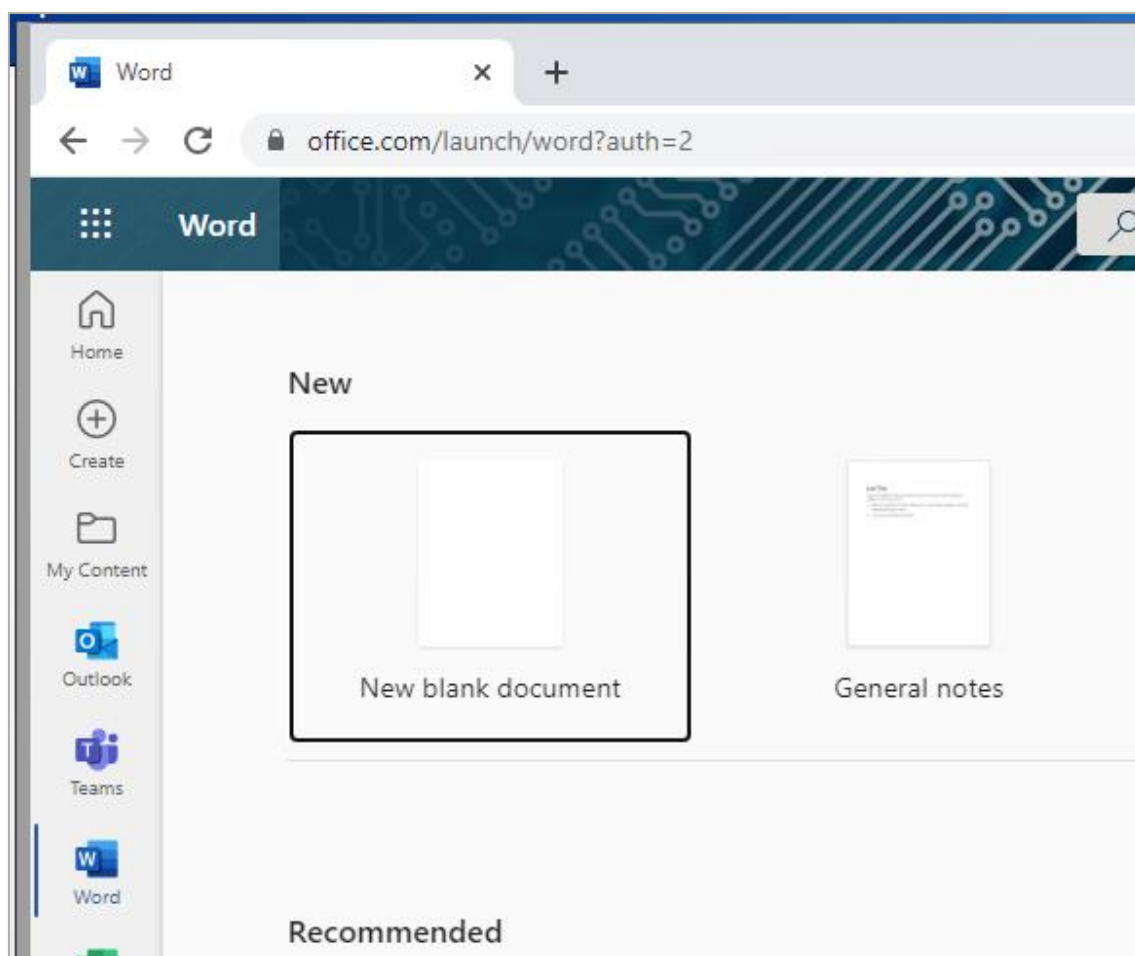
3. Outcome

Once the service pool is deployed, you will make a connection to one of the services:

When you access the Chrome service you will be redirected to the Microsoft login page



And once validated you will be shown the Office 365 Word web service





4. About Virtual Cable

Virtual Cable develops and markets UDS Enterprise through a subscription model according to the number of users, including support and updates.

In addition, Virtual Cable offers professional services to install and configure UDS Enterprise.

For more information visit www.udsenderprise.com or email us at info@udsenderprise.com.