

ETUDE ET MISE EN PLACE D'UN SERVEUR DE MESSAGERIE AVEC MICROSOFT EXCHANGE 2019

CLASSE: GLRS3B

PRÉSENTÉE PAR : PROFESSEUR:
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DÉFINITION

Microsoft Exchange est un logiciel de groupe de travail utilisé en entreprise pour centraliser et partager la messagerie, les agendas et les tâches, afin de permettre aux employés de partager des informations et de travailler de manière productive et collaborative. Il est créé par Microsoft, pour concurrencer Lotus Domino d'IBM.C'est un produit de la gamme des serveurs Microsoft, qui assure le stockage des informations et permet des accès à partir de clients mobiles (Outlook Mobile Access, Exchange Active Server Sync) et de clients web (navigateurs tels que Internet Explorer, Mozilla Firefox, Safari).

Suivant la vague du **cloud computing**, Microsoft Exchange est, depuis 2009, disponible au travers d'une offre SaaS appelée **Microsoft Online Services** sous le nom d'**Exchange Online**. Cette offre a désormais été remplacée par **Microsoft Office 365**.

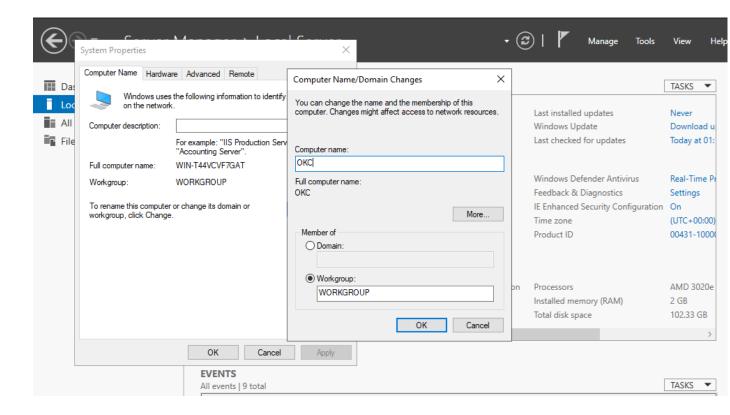
PRÉREQUIS:

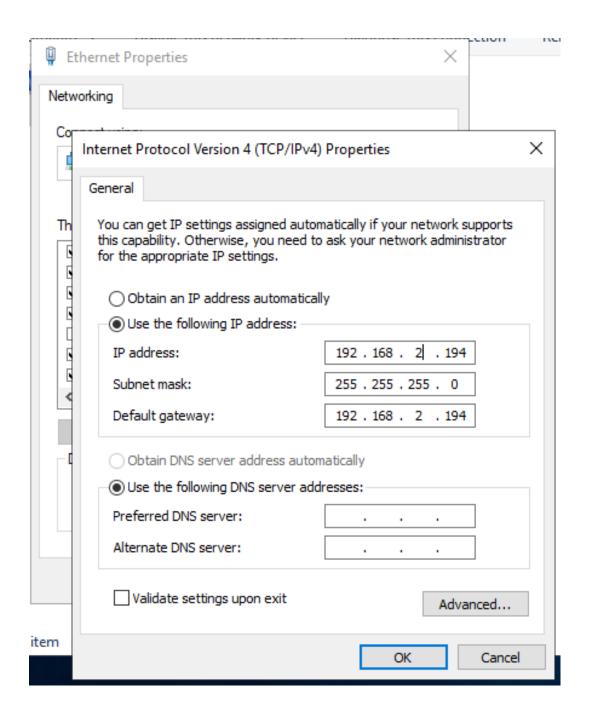
Pour mettre en place le serveur Microsoft Exchange nous devons installer les prérequis suivants :

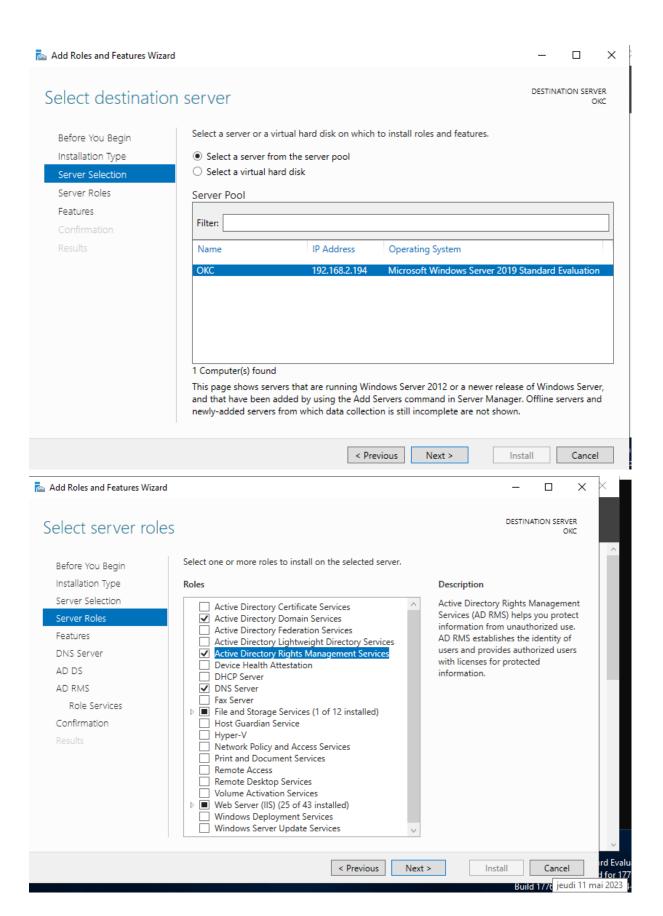
- Avoir un serveur prêt à supporter Exchange avec 100GB de disque minimum et 2GB de RAM pour un bon fonctionnement
- Avoir les services AD DS et DNS déjà configurés.
- Le système doit être à jour.
- Avoir Microsoft Exchange 2019 cumulative-update 12
- Télécharger et installer les applications suivantes : NET-Framework 4.8.
- Visual C++ redistributable Packages pour visual studio 2012.
- Visual C++ redistributable Packages pour visual studio 2013.
- Unified communications managed api 4.0 runtime.
- Télécharger IIS URL Rewrite 2.1.

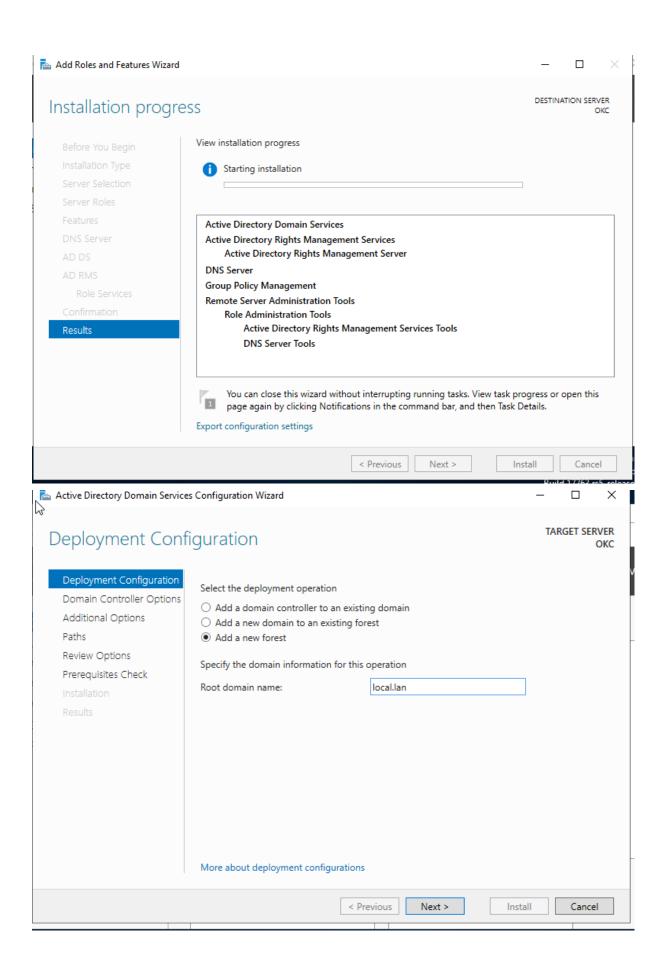
NB: J'ai utilisé deux noms pour mes Configurations OKC(diminutif de mon nom complet: Oumy Khairy Cisse) et OUMY. De même pour la configuration du DNS et AD DS.

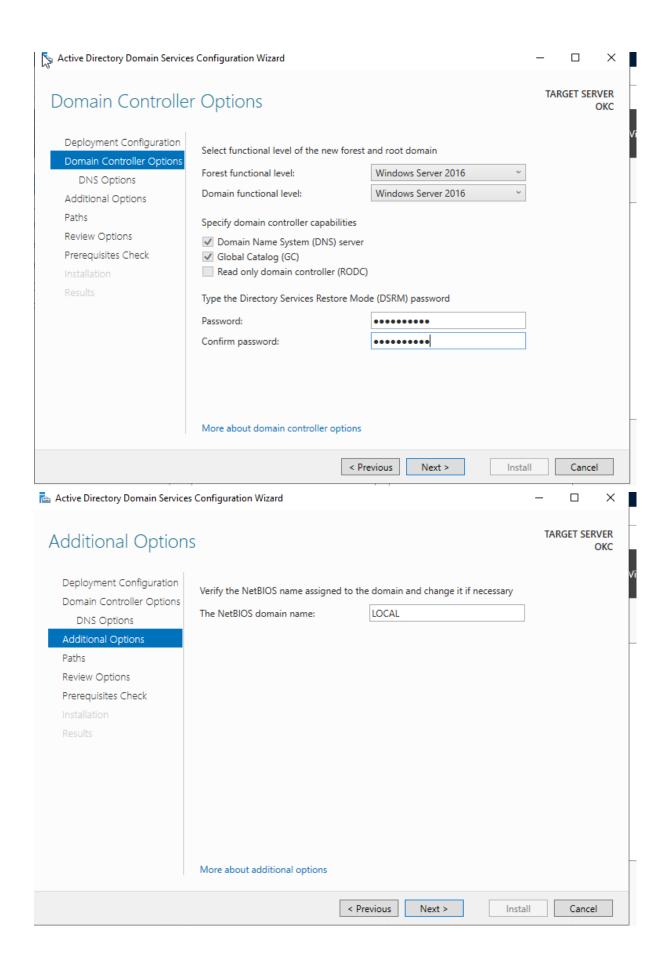
PRÉSENTATIONS DES CONFIGURATIONS ET DES ÉTAPES À SUIVRE:

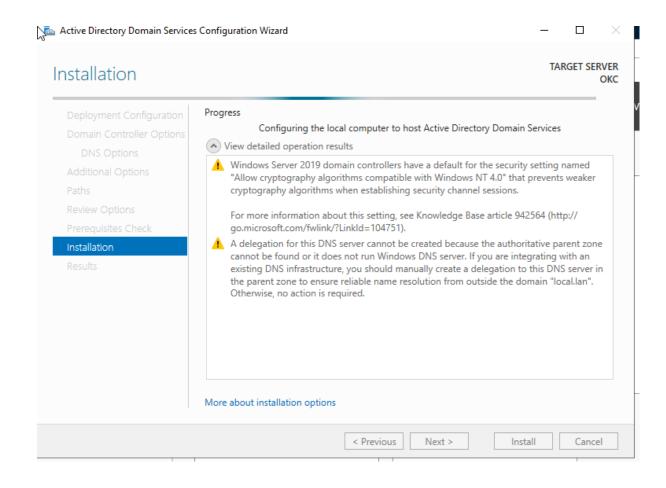






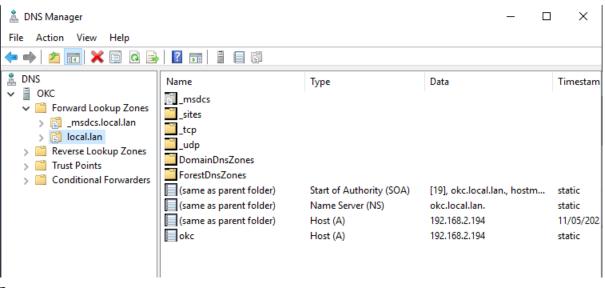


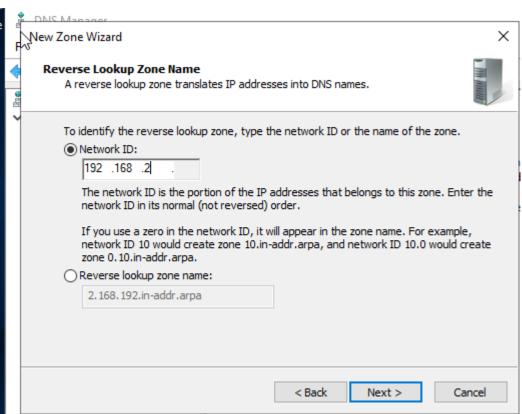


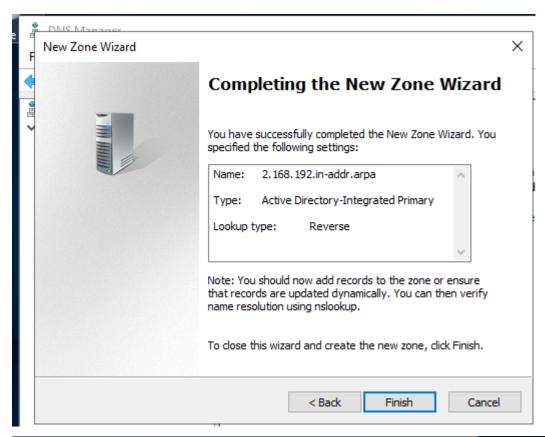


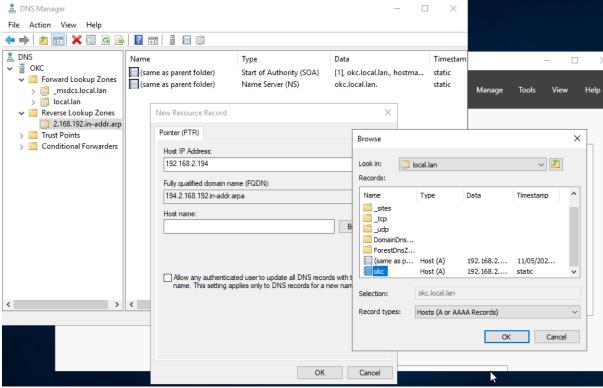


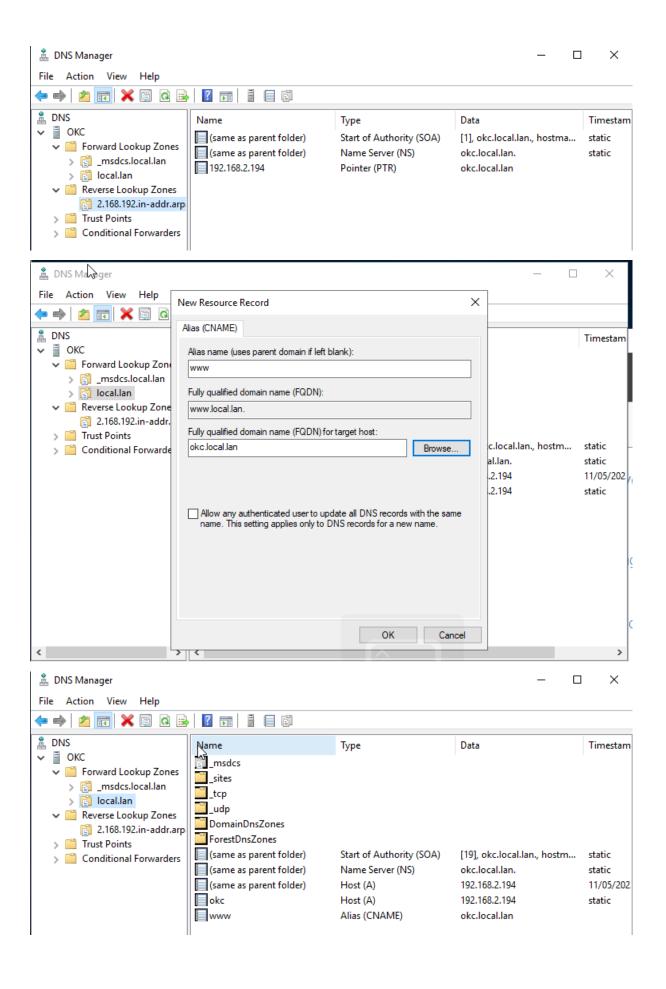




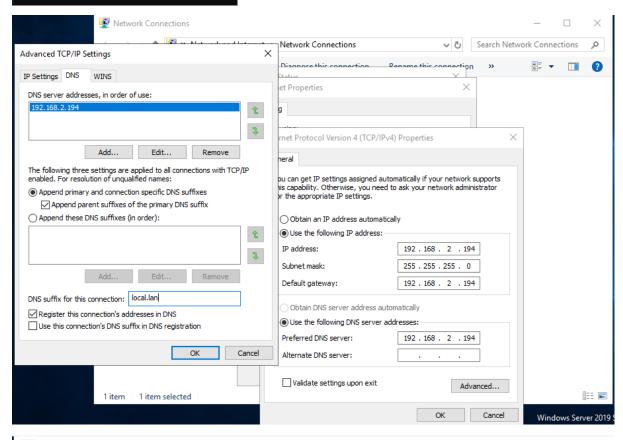








Name: oumy.local.lan Address: 192.168.2.194 Aliases: www.local.lan



Administrator: C:\Windows\system32\cmd.exe

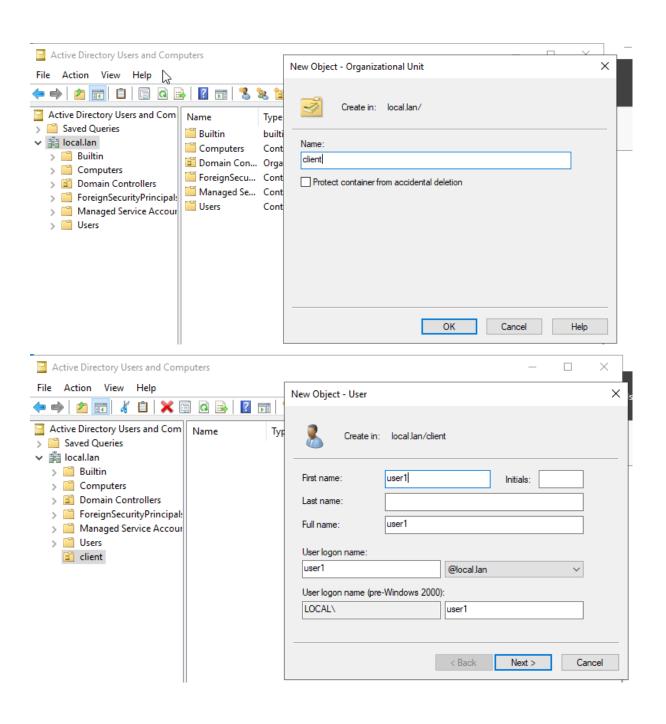
Microsoft Windows [Version 10.0.17763.737]
(c) 2018 Microsoft Corporation. All rights reserved.

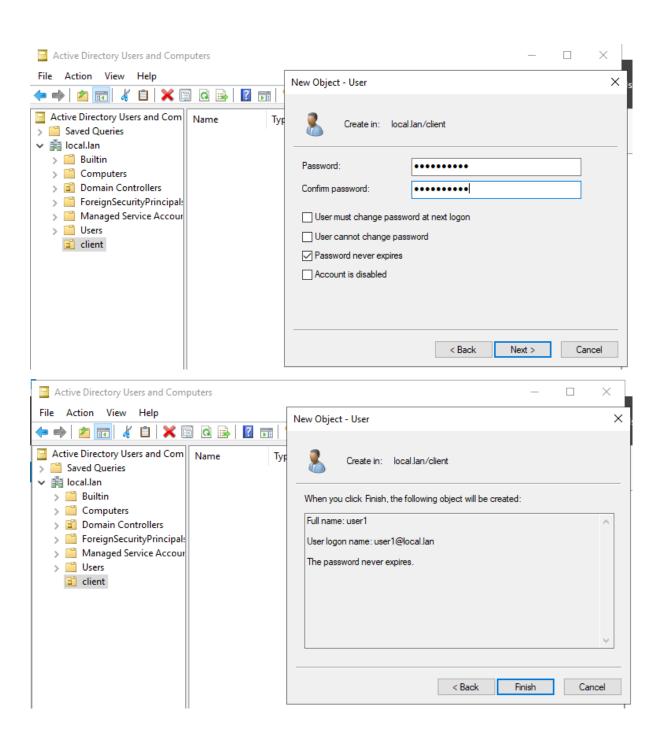
C:\Users\Administrator>ipconfig

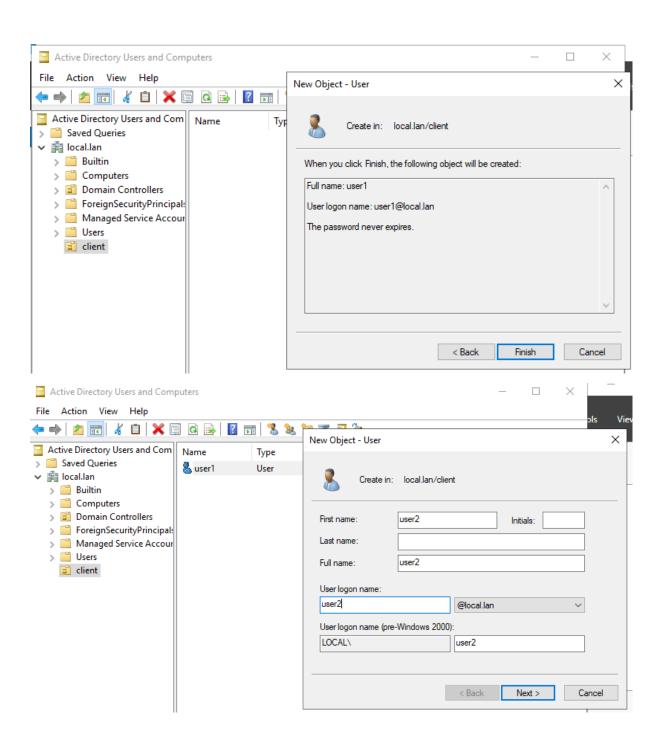
Windows IP Configuration

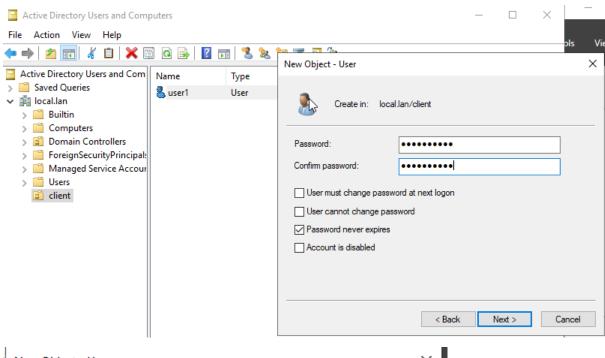
Ethernet adapter Ethernet:

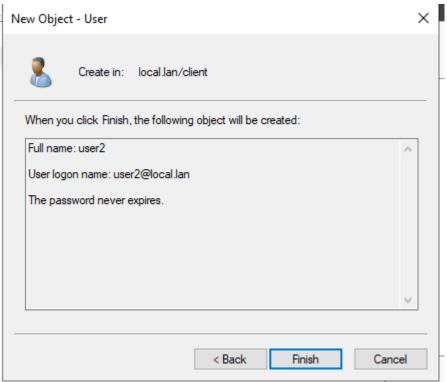
Connection-specific DNS Suffix .: local.lan
Link-local IPv6 Address . . . : fe80::4415:116f:c6c9:cfbe%10
IPv4 Address : 192.168.2.194
Subnet Mask : 255.255.255.0
Default Gateway : 0.0.0.0

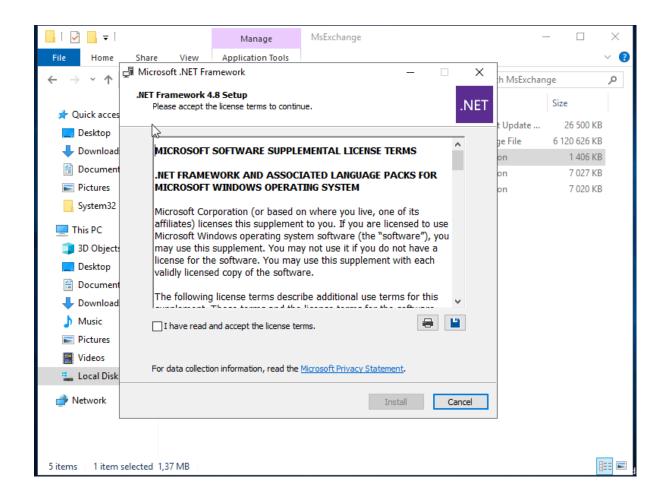


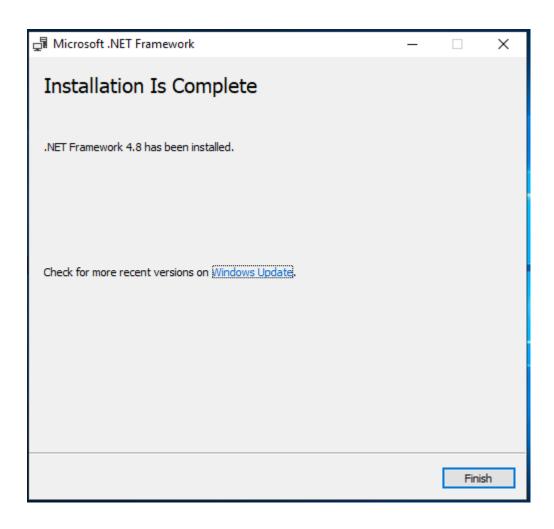


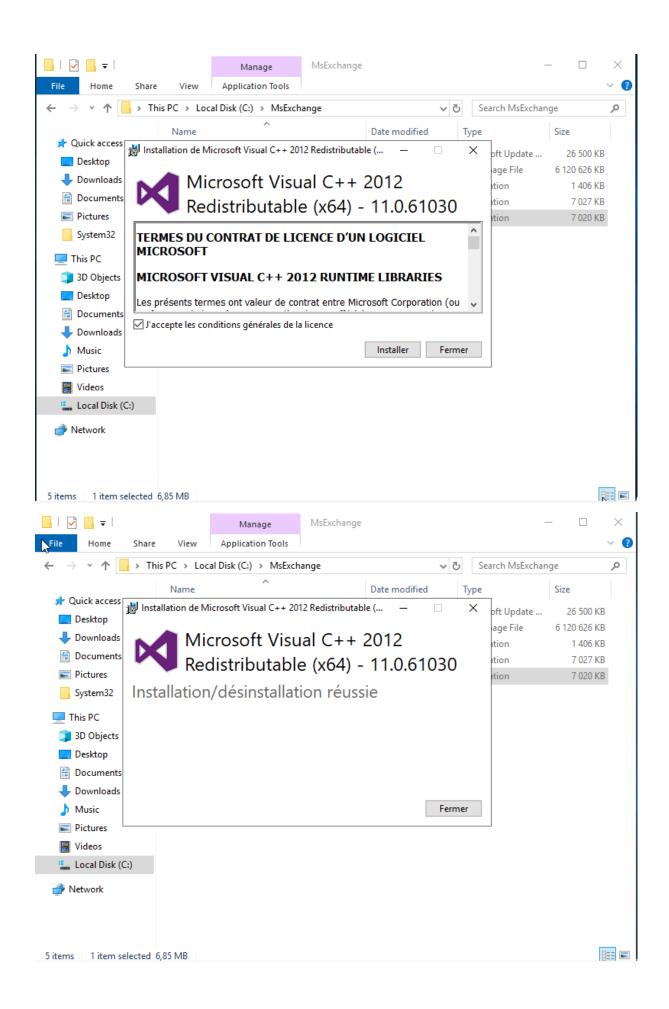


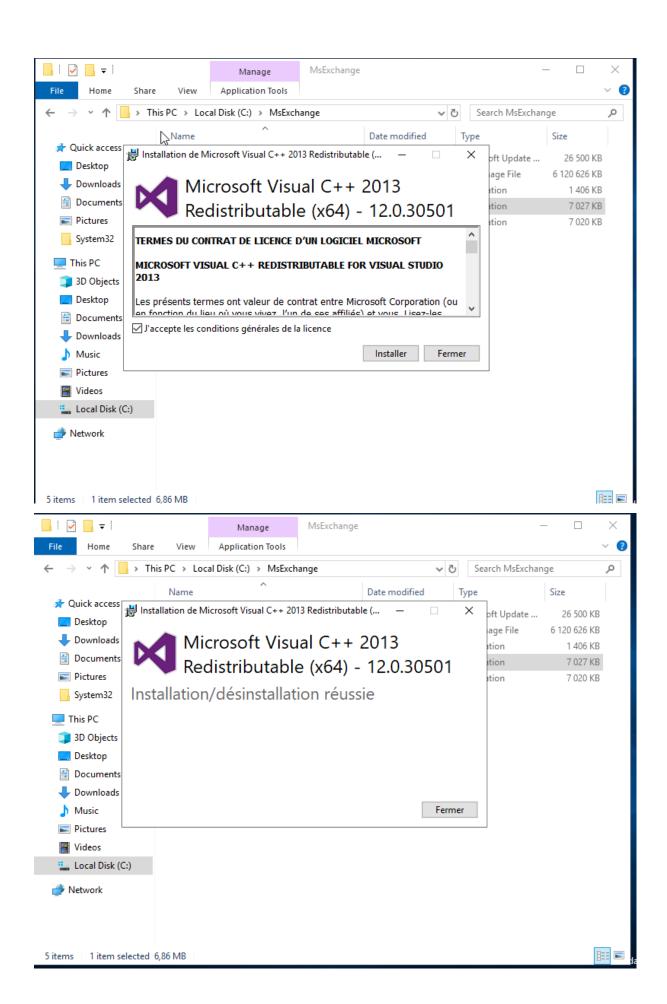


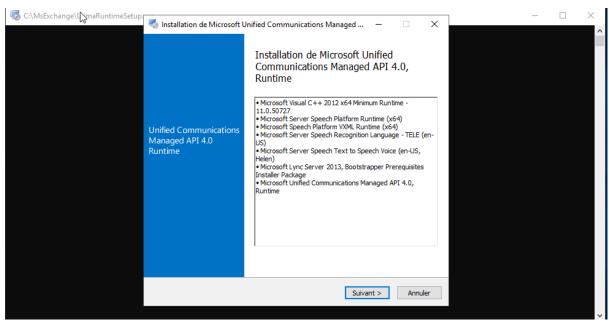


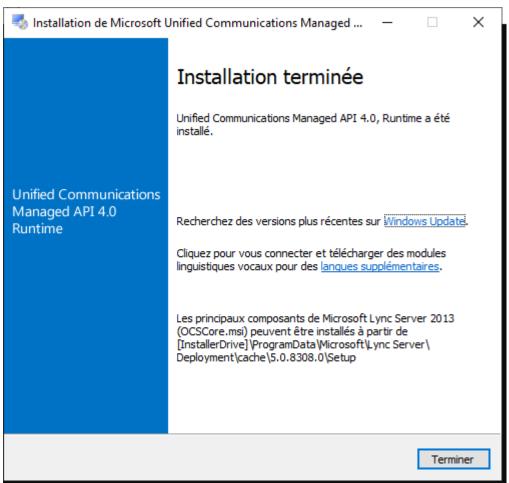


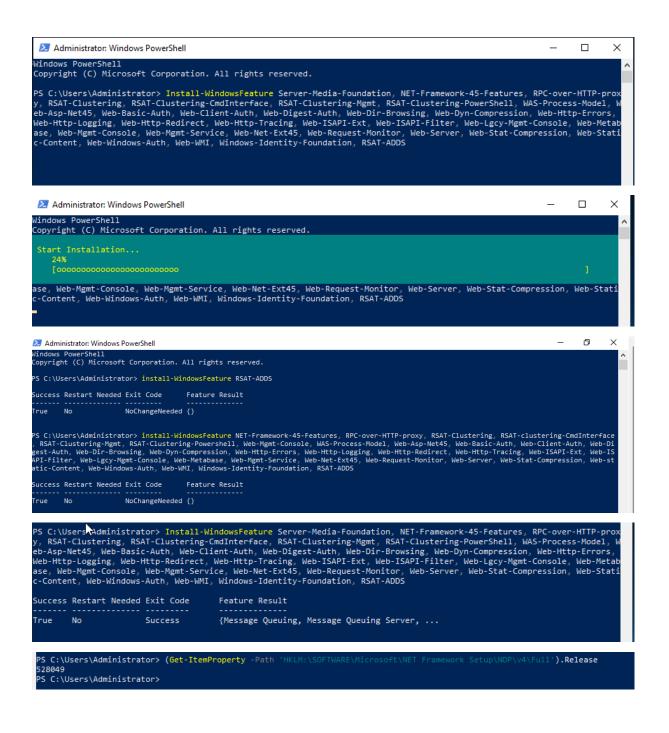


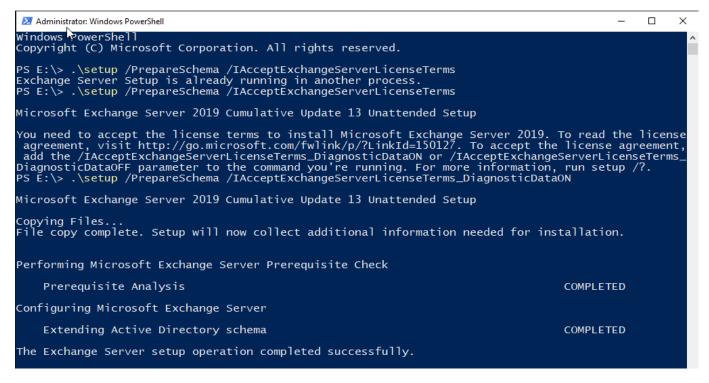












MICROSOFT EXCHANGE SERVER 2019 CUMULATIVE UPDATE 13

? X

Check for Updates?

You can have Setup download Exchange Server updates from the Internet before you install Exchange. If updates are available, they'll be downloaded and used by Setup. By downloading updates now, you'll have the latest security and product updates. If you don't want to check for updates right now, or if you don't have access to the Internet, skip this step. If you skip this step, be sure to download and install any available updates after you've completed Setup.

Select one of the following options:

- Onnect to the Internet and check for updates
- Don't check for updates right now

Exchange









License Agreement

Please read and accept the Exchange Server license agreement.

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT EXCHANGE SERVER 2019 STANDARD, ENTERPRISE, TRIAL AND HYBRID

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- updates,
- · supplements,
- · Internet-based services, and
- support services

for this software unless other terms accompany those items. If so, those terms apply. Your use of this software may be subject to the additional agreements Microsoft has with you or your organization.

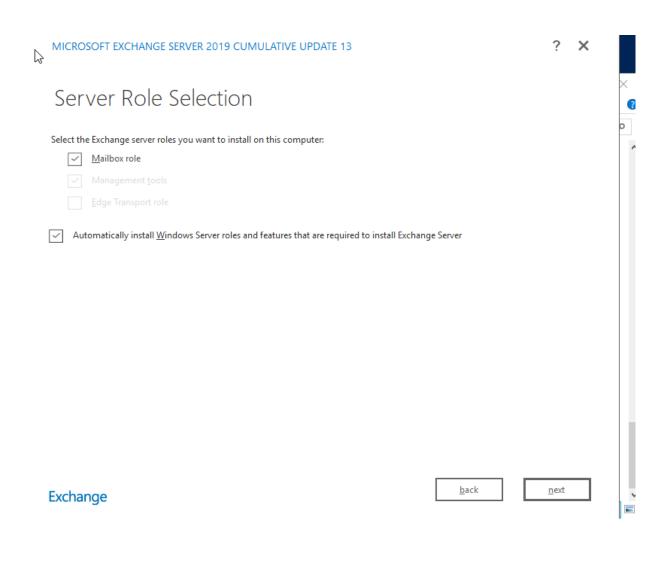
I <u>a</u>ccept the license agreement and will share diagnostic data with Microsoft (recommended).

Learn more

- O I accept the license agreement, but I'm not ready to share diagnostic data with Microsoft.
- I do not accept the license agreement.

Exchange

<u>n</u>ext



Exchange Organization

Specify the name for this Exchange organization:	
ОММ	
Apply Active Directory split permissions security model to the Exchange organization	
The Active Directory split permissions security model is typically used by large organizations that for the management of Exchange and Active Directory among different groups of people. Apply ability for Exchange servers and administrators to create Active Directory objects such as users, granage non-Exchange attributes on those objects is also removed.	ing this security model removes the
You shouldn't apply this security model if the same person or group manages both Exchange an information.	d Active Directory. Click '?' for more
Exchange	<u>b</u> ack <u>n</u> ext

Readiness Checks

The computer will be checked to verify that setup can continue.

Prerequisite Analysis 100%

Warning

Setup will prepare the organization for Exchange Server 2019 by using 'Setup /PrepareAD'. No Exchange Server 2016 roles have been detected in this topology. After this operation, you will not be able to install any Exchange Server 2016 roles. For more information, visit: https://docs.microsoft.com/Exchange/plan-and-deploy/deployment-ref/readiness-checks?

Warning:

Setup will prepare the organization for Exchange Server 2019 by using 'Setup /PrepareAD'. No Exchange Server 2013 roles have been detected in this topology. After this operation, you will not be able to install any Exchange Server 2013 roles. For more information, visit: https://docs.microsoft.com/Exchange/plan-and-deploy/deployment-ref/readiness-checks? https://docs.microsoft.

Exchange



Setup Progress

Step 10 of 14: Mailbox role: Mailbox service

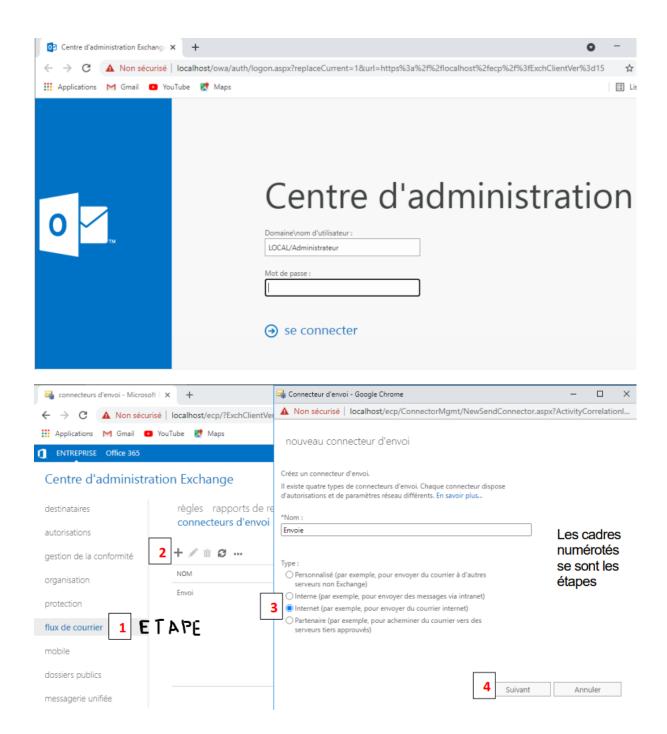
77%

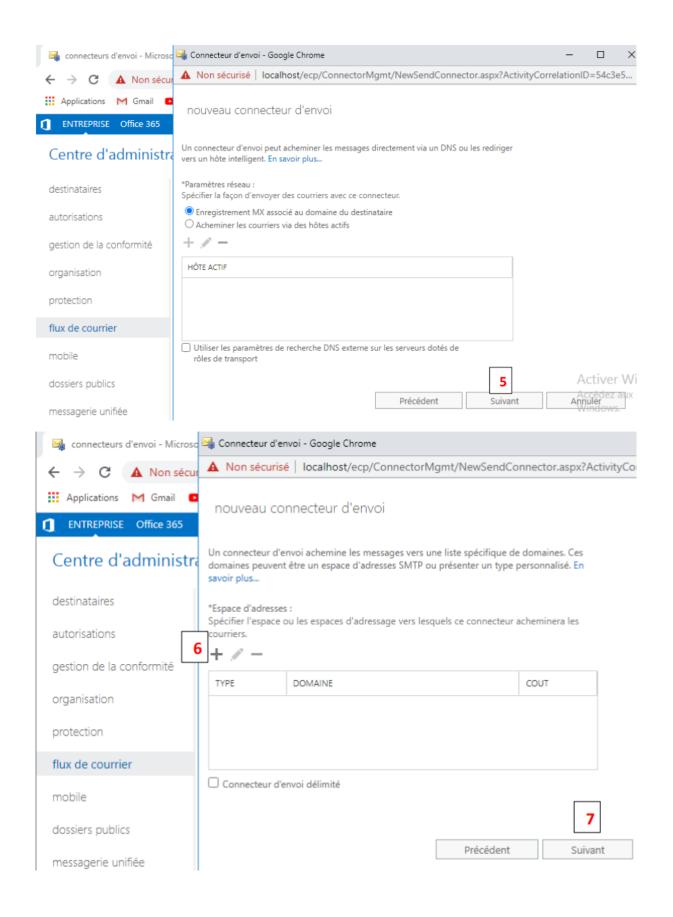
Setup Completed

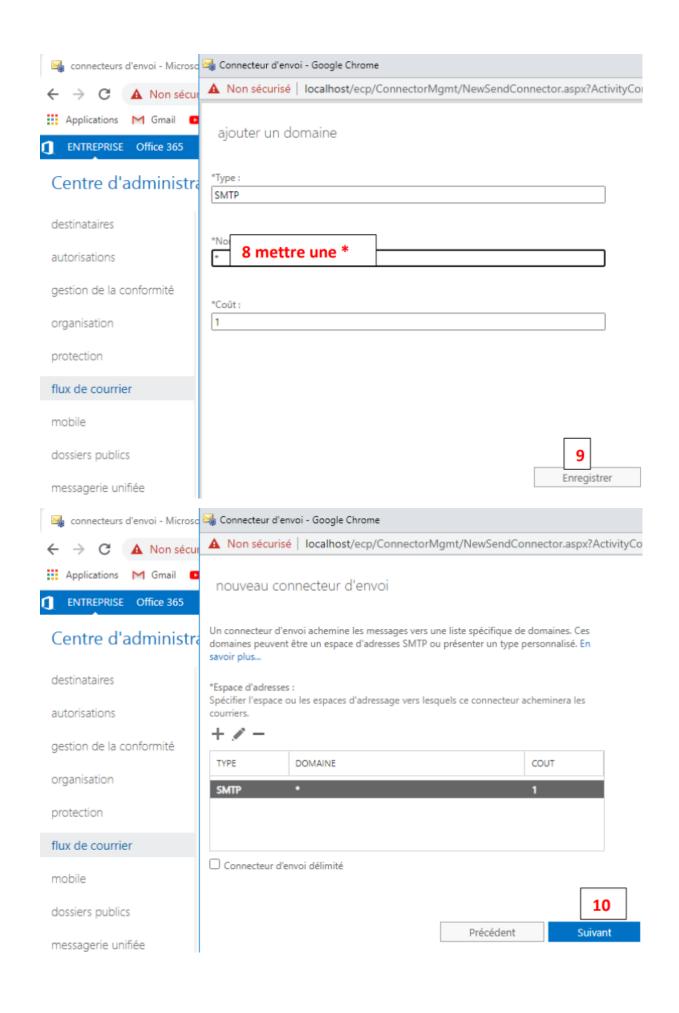
Congratulations! Setup has finished successfully. To complete the installation of Microsoft Exchange Server, reboot the computer.

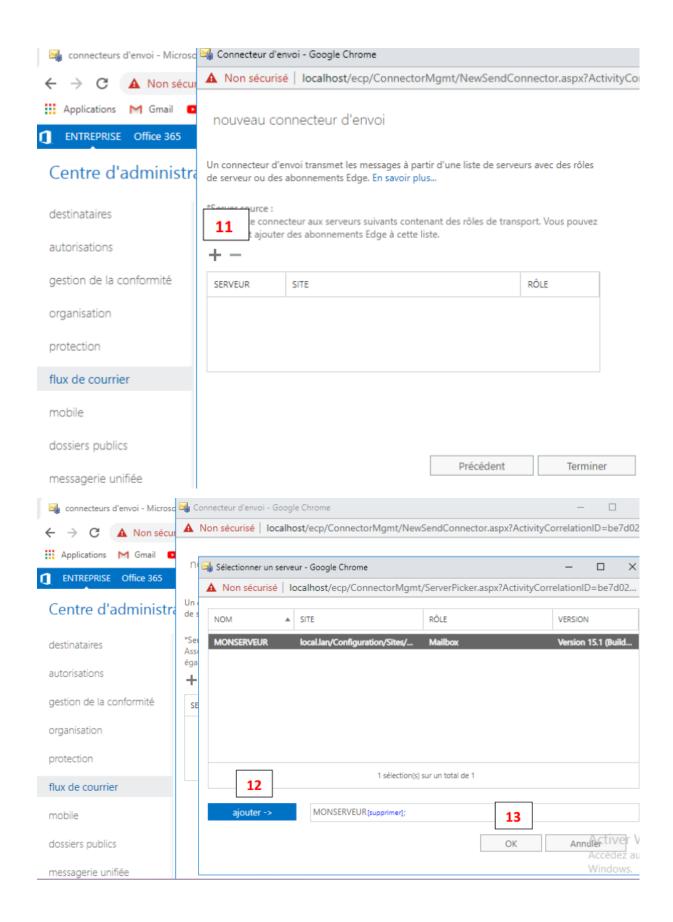
You can view additional post-installation tasks online by clicking the link: https://docs.microsoft.com/Exchange/plan-and-deploy/post-installation-tasks/post-installation-tasks/post-installation-tasks/view=exchserver-2019. You can also start the Exchange Administration Center after Setup is finished.

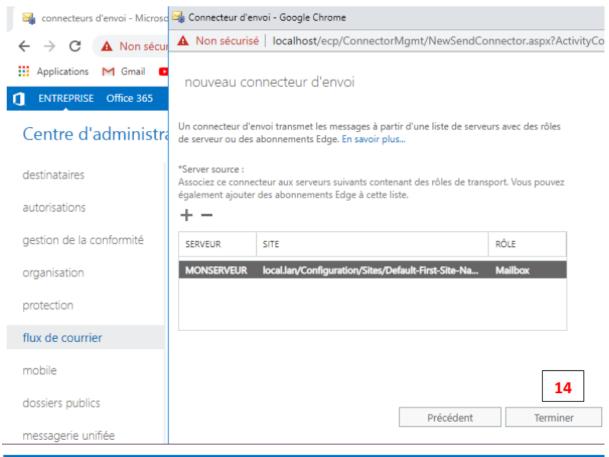
<u>Launch Exchange Administration Center after finishing Exchange setup.</u>

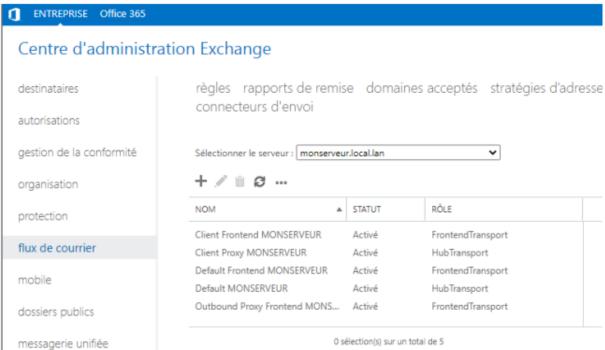


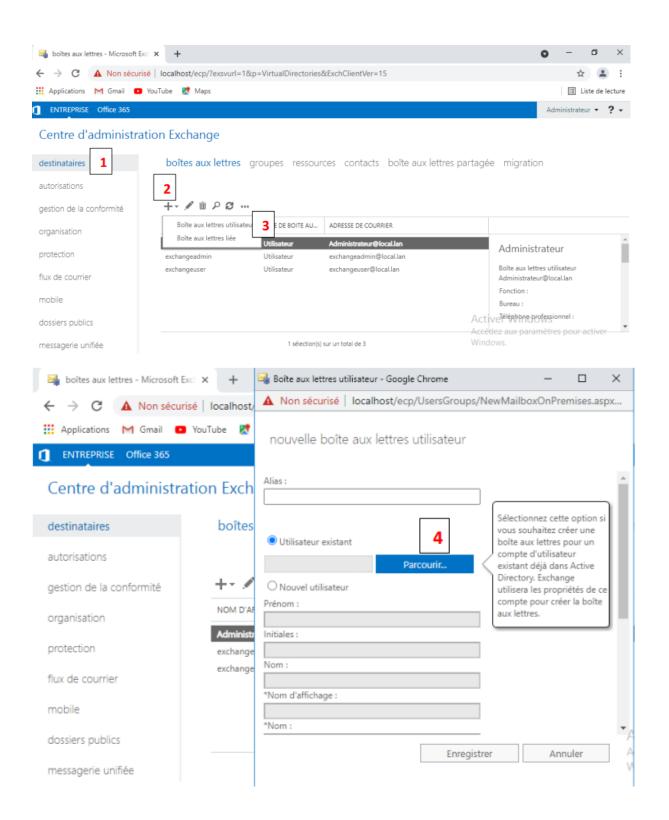


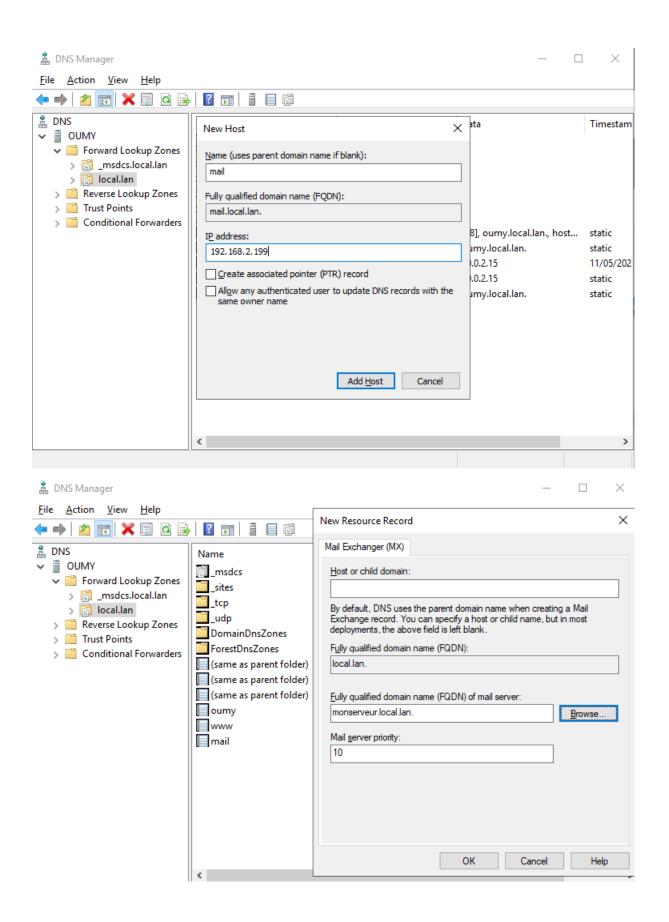


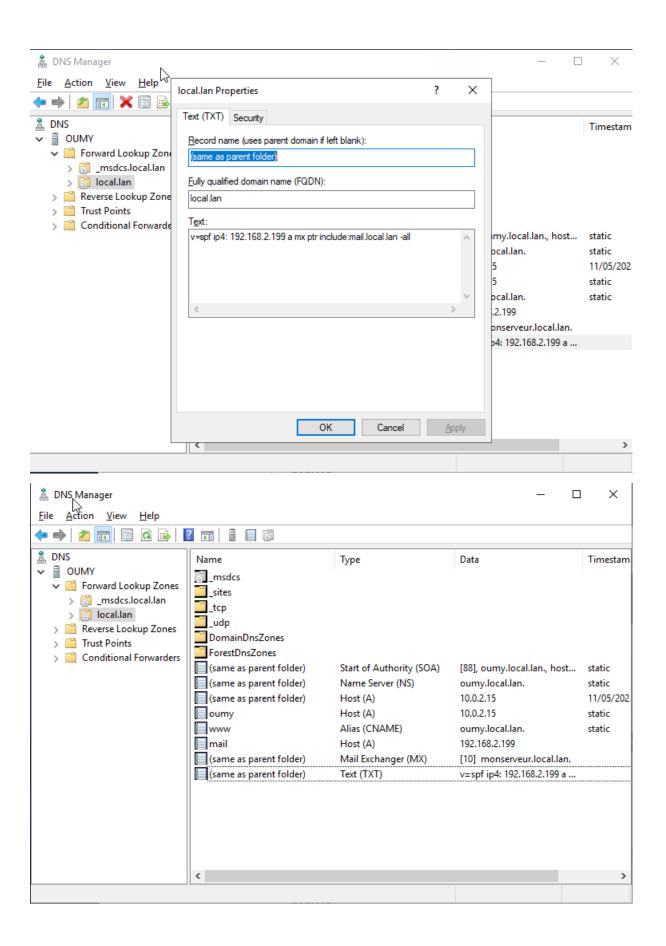


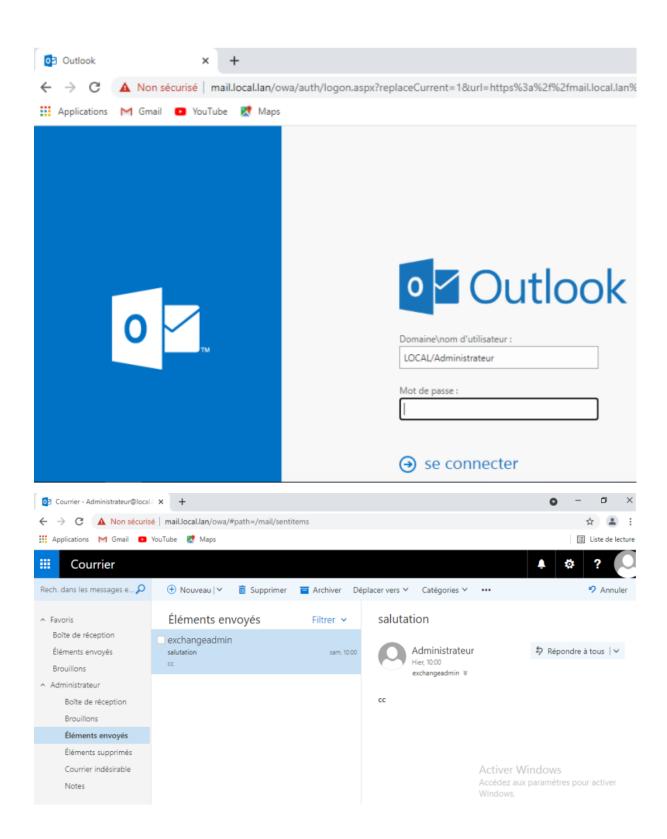


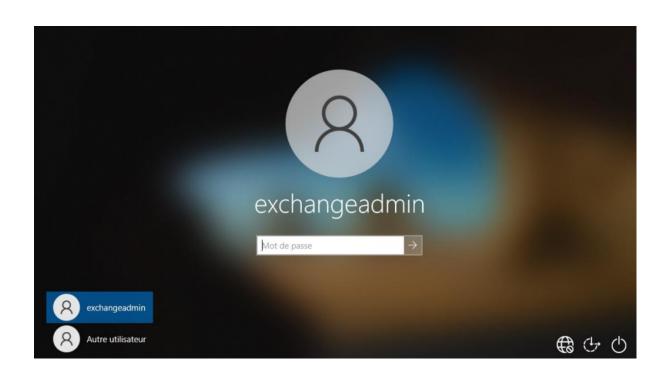


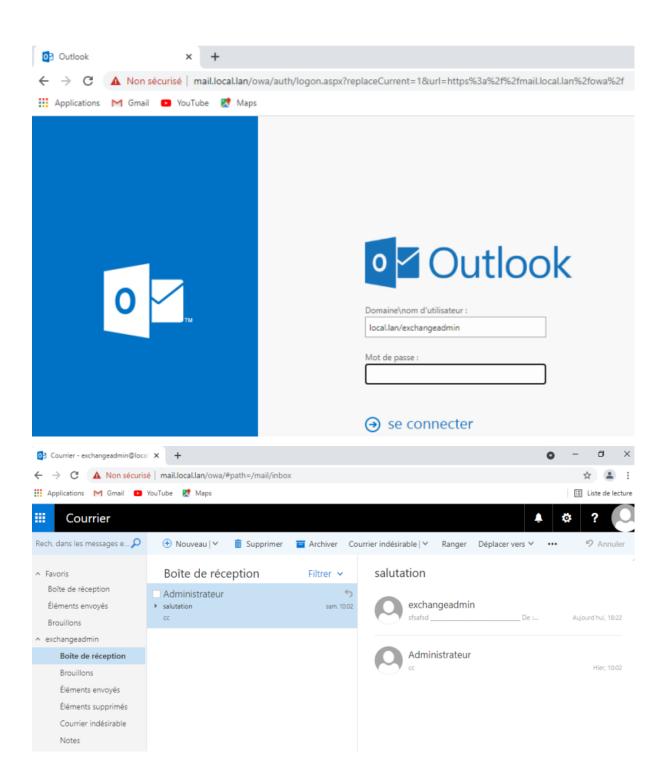












Merci de Votre Attention.