

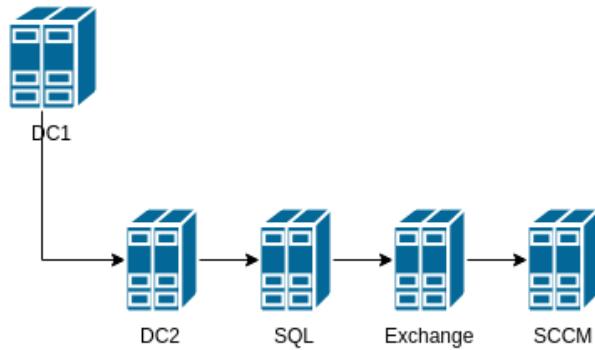
Windows Server: SQL Server

Jens Du Four

2018 - 2019

1 Introductie

U bent IT-Consultant en krijgt de vraag om een voorstel te maken en te demonstreren van een Windowsomgeving. Deze omgeving moet bestaan uit het volgende . De cliënt wenst een redundante oplossing voor zijn servers. Dit vooral op de domeincontrollers. De cliënt wenst ook dat er een mailomgeving geïnstalleerd wordt en een omgeving die toelaat om op een efficiënte manier Windows toestellen te installeren en te deployen.



2 Server Requirements

1. DC1
 - (a) RAM: 2048 MB
 - (b) HDD: 50 GB
 - (c) Netwerkadapters: NAT en Internal Network (jenduf.gent)
 - i. NAT
 - i. IP: 192.168.1.1
 - ii. SN: 255.255.255.0
 - (d) OS Version: Windows Server 2016

2. DC2

- (a) RAM: 2048 MB
- (b) HDD: 50 GB
- (c) Netwerkadapters: Internal Network (jenduf.gent)
 - i. IP: 192.168.1.2
 - ii. SN: 255.255.255.0
 - iii. DG: 192.168.1.1
- (d) OS Version: Windows Server 2016

3. SQL Server

- (a) RAM: 2048 MB
- (b) HDD: 50 GB
- (c) Netwerkadapters: Internal Network (jenduf.gent)
 - i. IP: 192.168.1.3
 - ii. SN: 255.255.255.0
 - iii. DG: 192.168.1.1
- (d) OS Version: Windows Server 2016
- (e) SQL Version: SQL Server 2013-2016

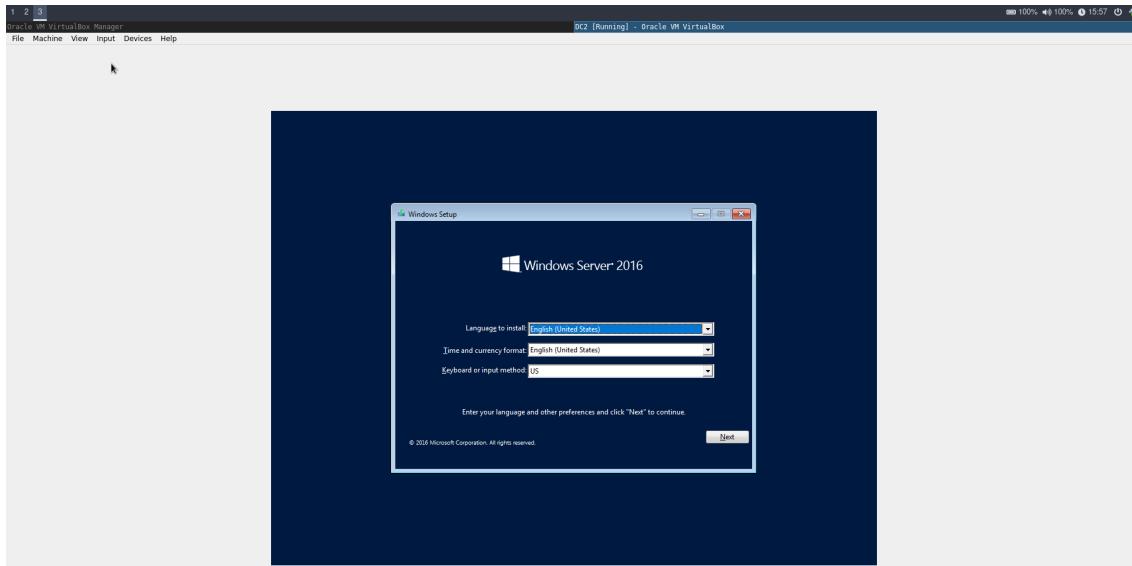
4. Exchange Server

- (a) RAM: 8096 MB
- (b) HDD: 100 GB
- (c) Netwerkadapters: Internal Network (jenduf.gent)
 - i. IP: 192.168.1.4
 - ii. SN: 255.255.255.0
 - iii. DG: 192.168.1.1
- (d) OS Version: Windows Server 2016
- (e) Exchange Version: Exchange Server 2013-2016

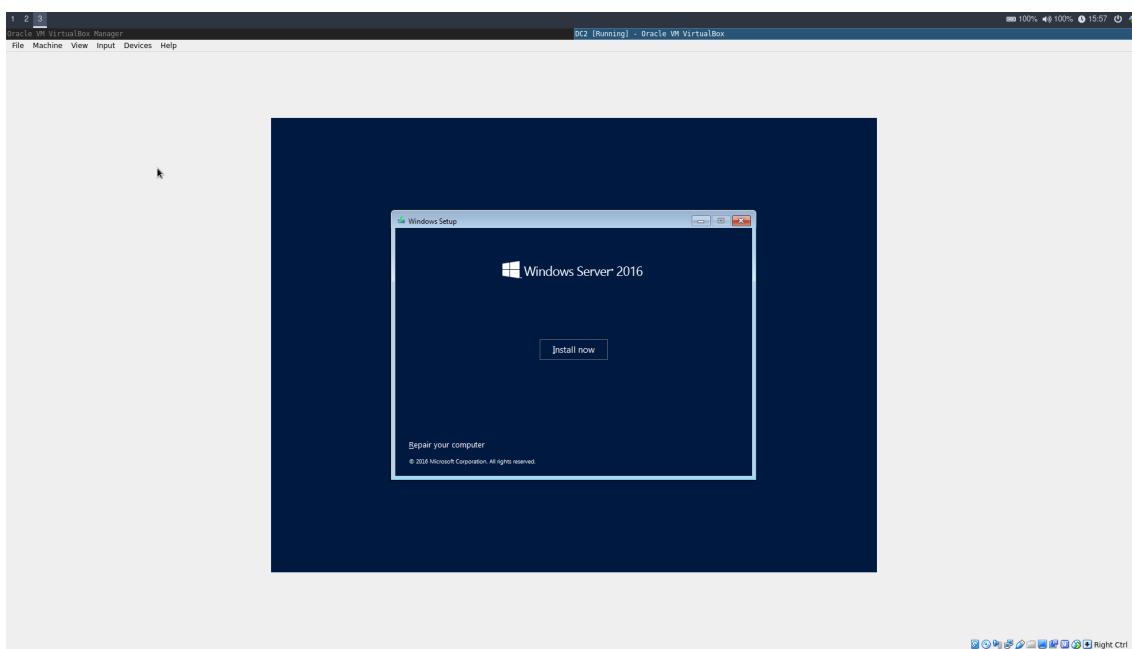
5. SCCM Server

- (a) RAM: 8089 MB
- (b) HDD: 100 GB
- (c) Netwerkadapters: Internal Network (jenduf.gent)
 - i. IP: 192.168.1.5
 - ii. SN: 255.255.255.0
 - iii. DG: 192.168.1.1
- (d) OS Version: Windows Server 2016
- (e) OS Version: Windows Deployment Server 2012

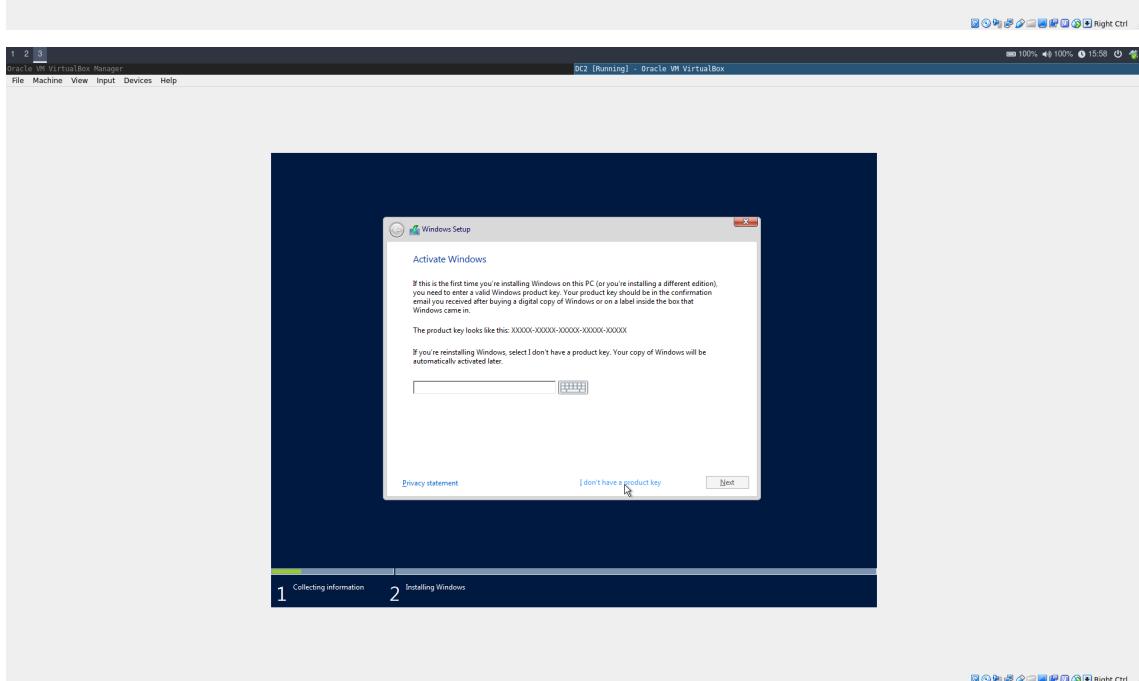
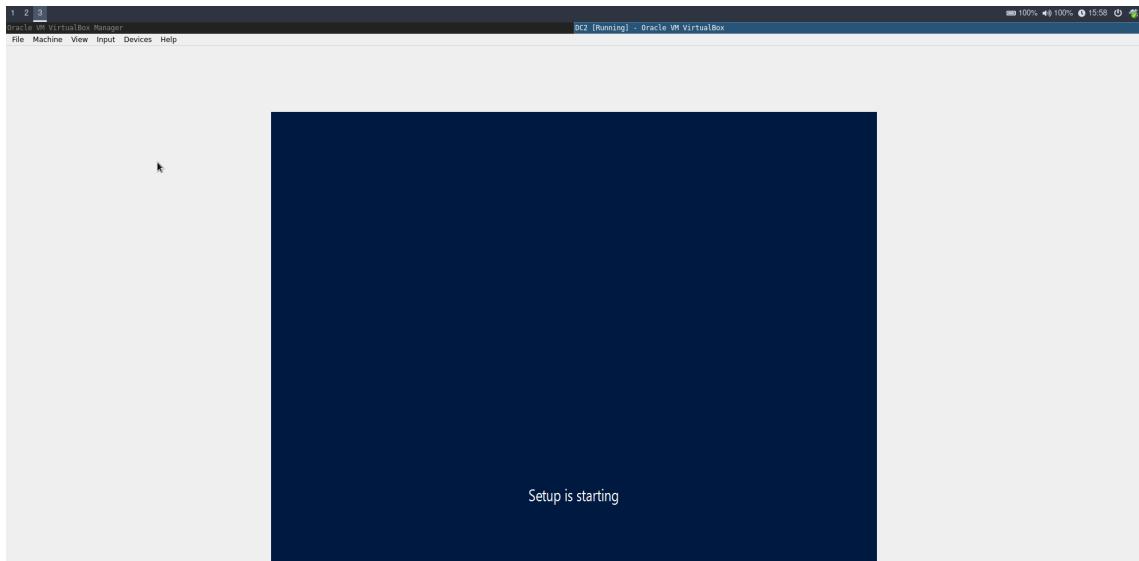
3 Windows Server Installatie



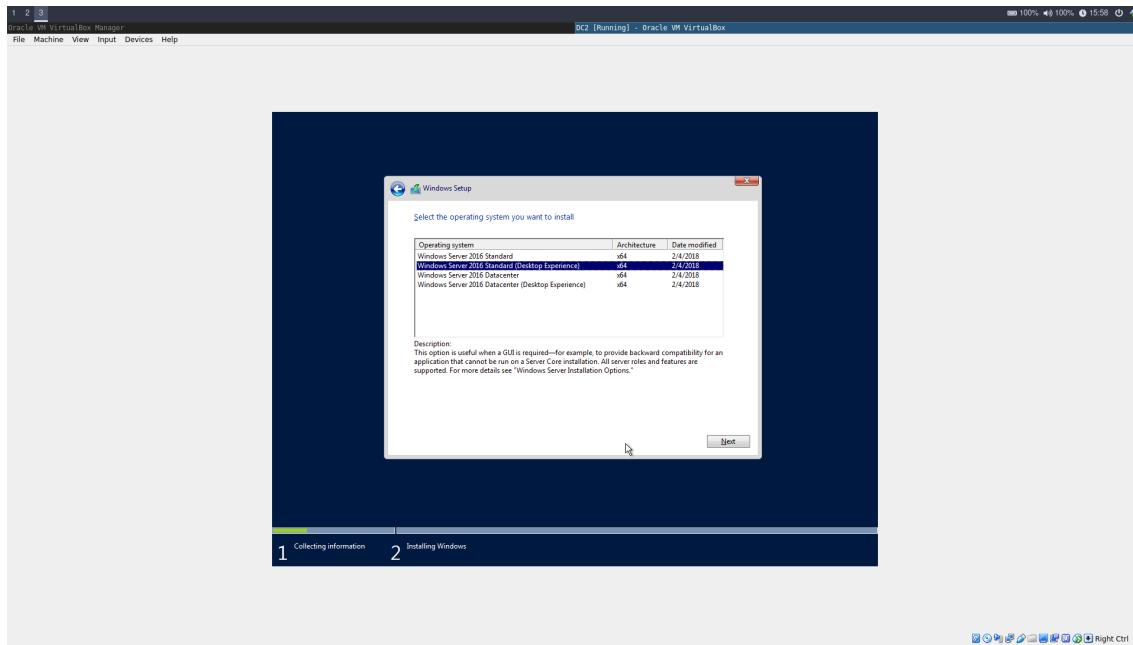
Selecteer de gewenste taalinstellingen.



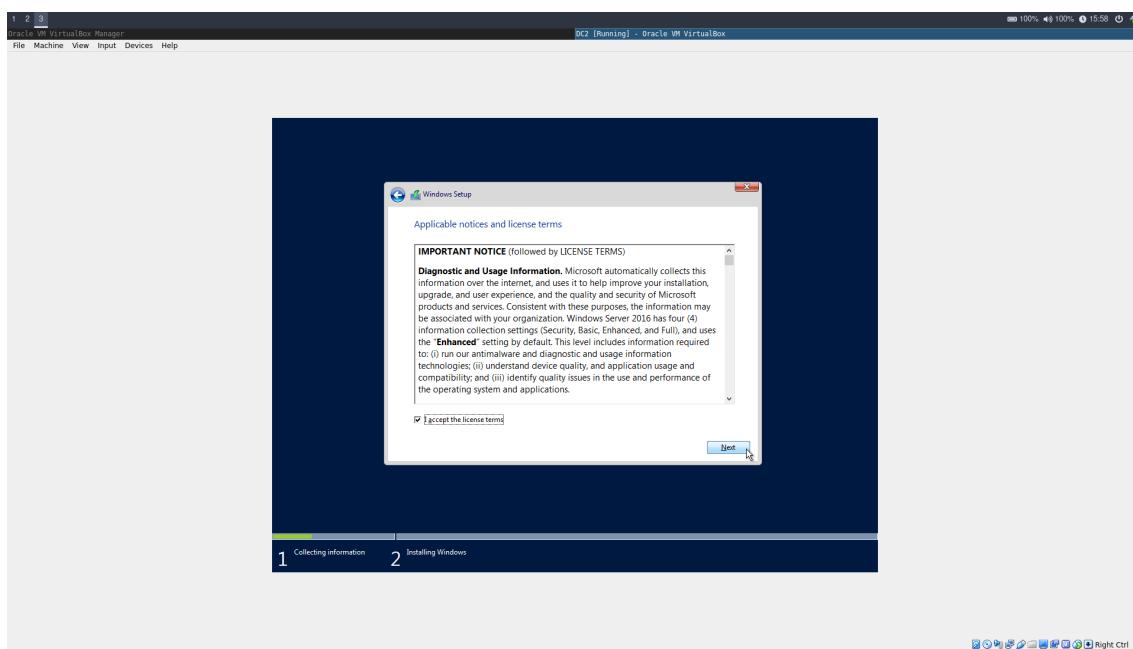
Start de installatie.



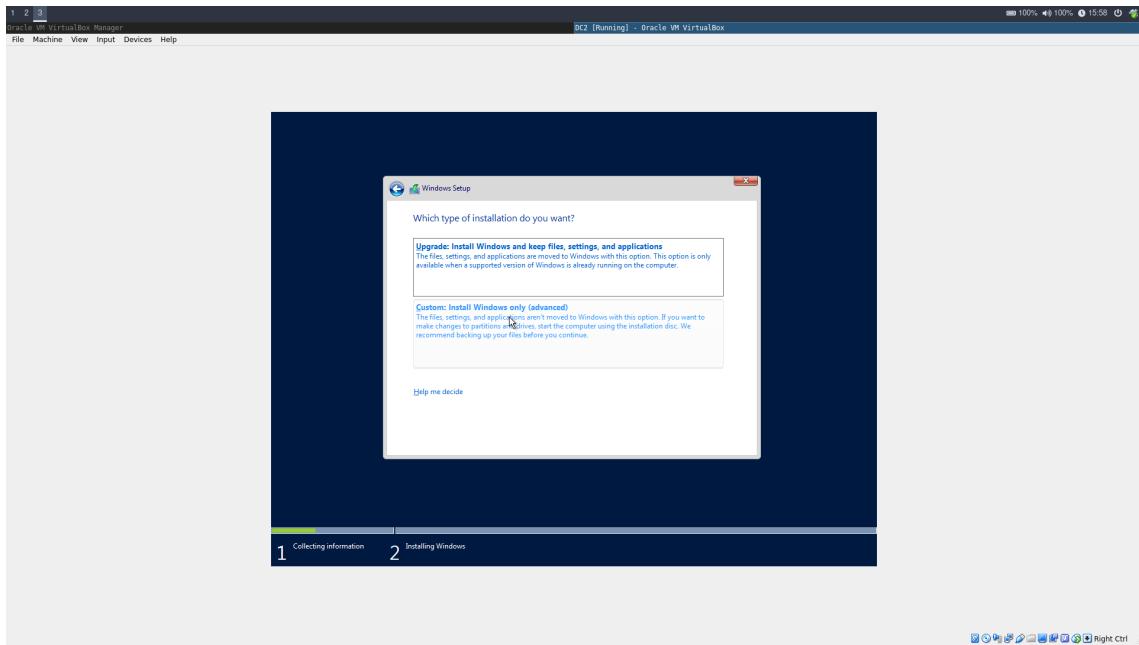
Selecteer "I don't have a product key".



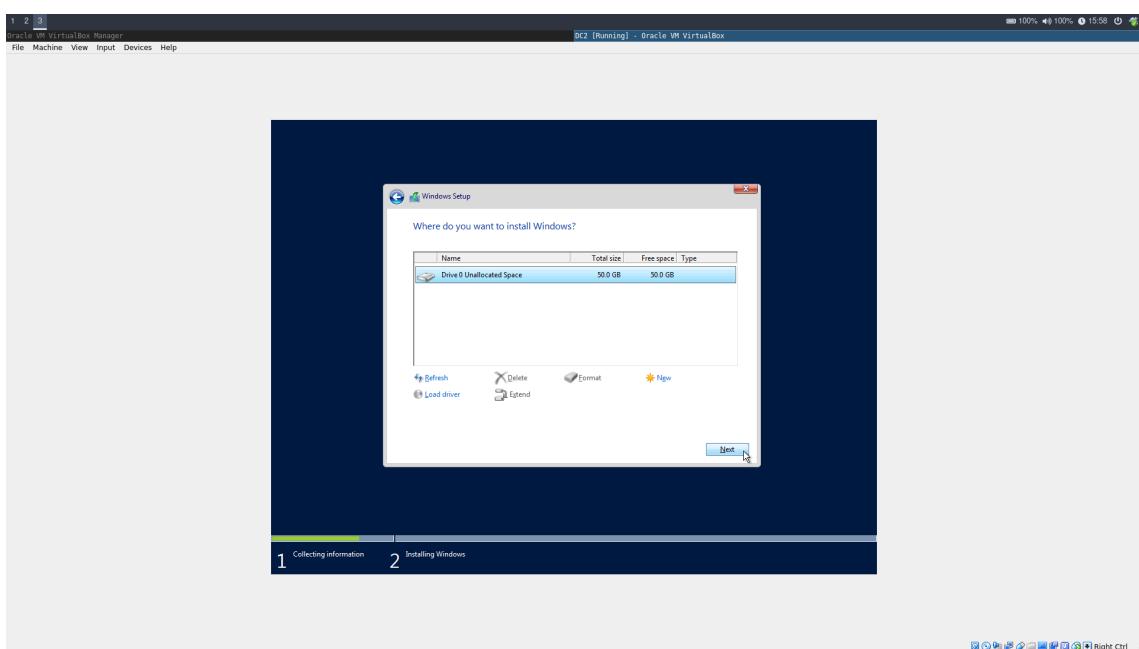
Selecteer "Windows Server 2016 Standard (Desktop Experience)".



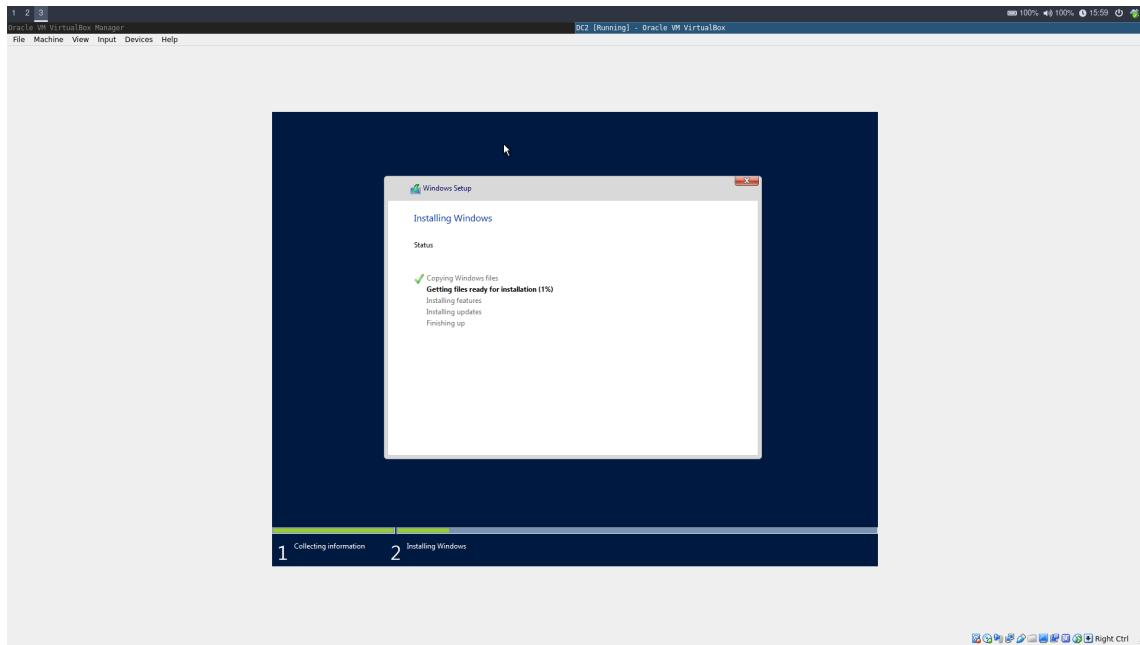
Ga akkoord met de gebruiksvoorwaarden.



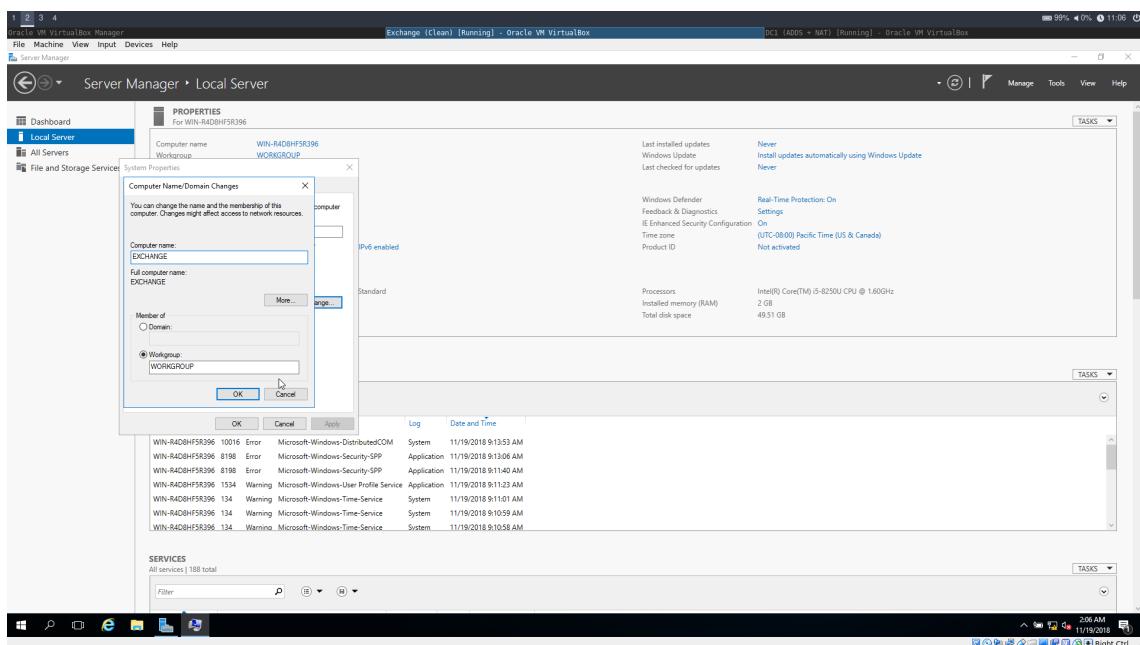
Selecteer "Costum: Install Windows only (Advanced)".



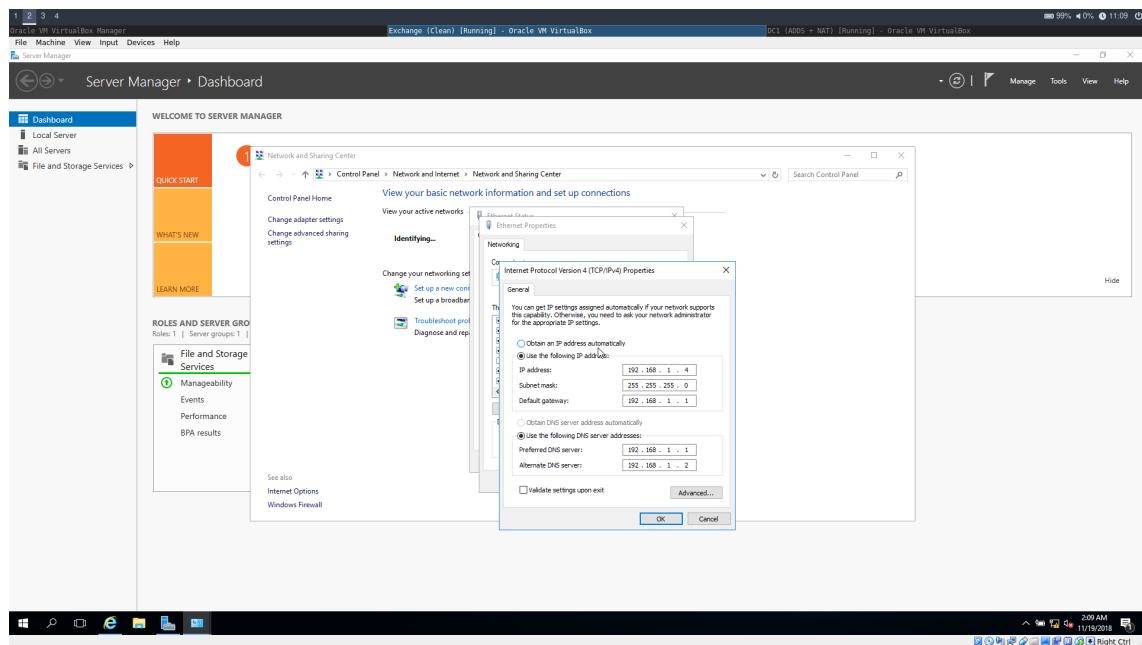
Ga verder.



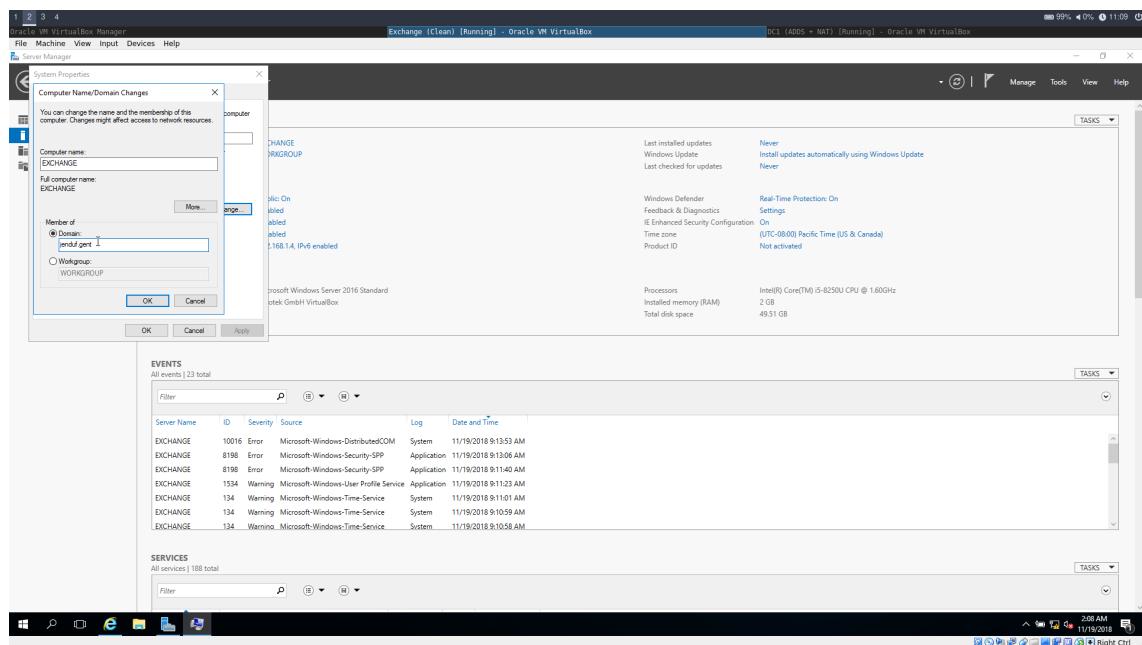
3.1 Server Hernoemen



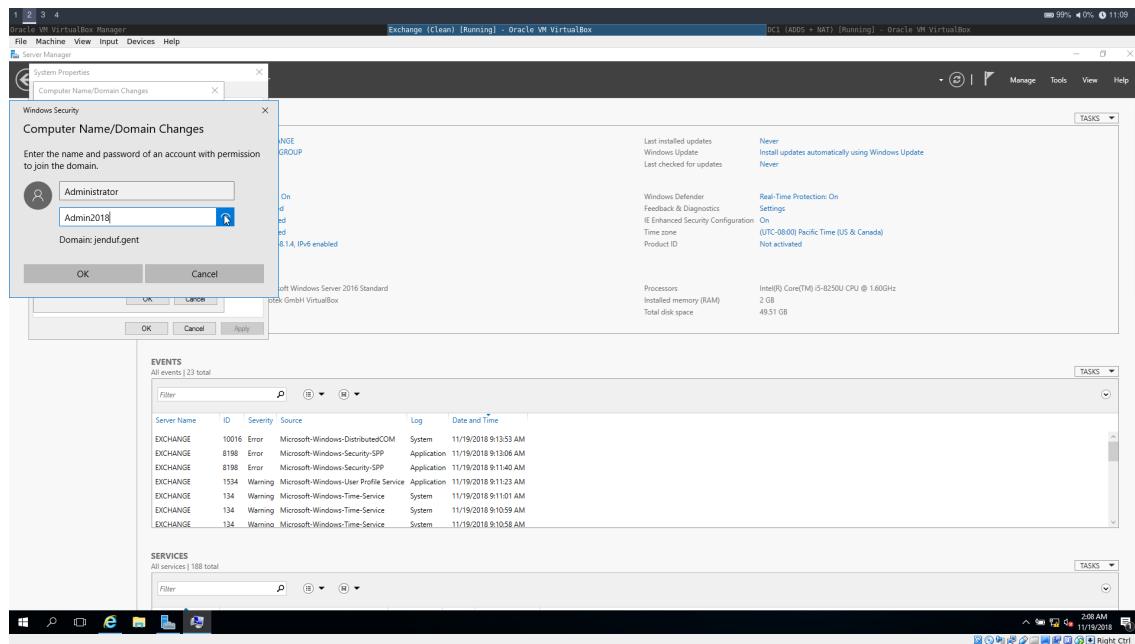
3.2 IP Instellingen



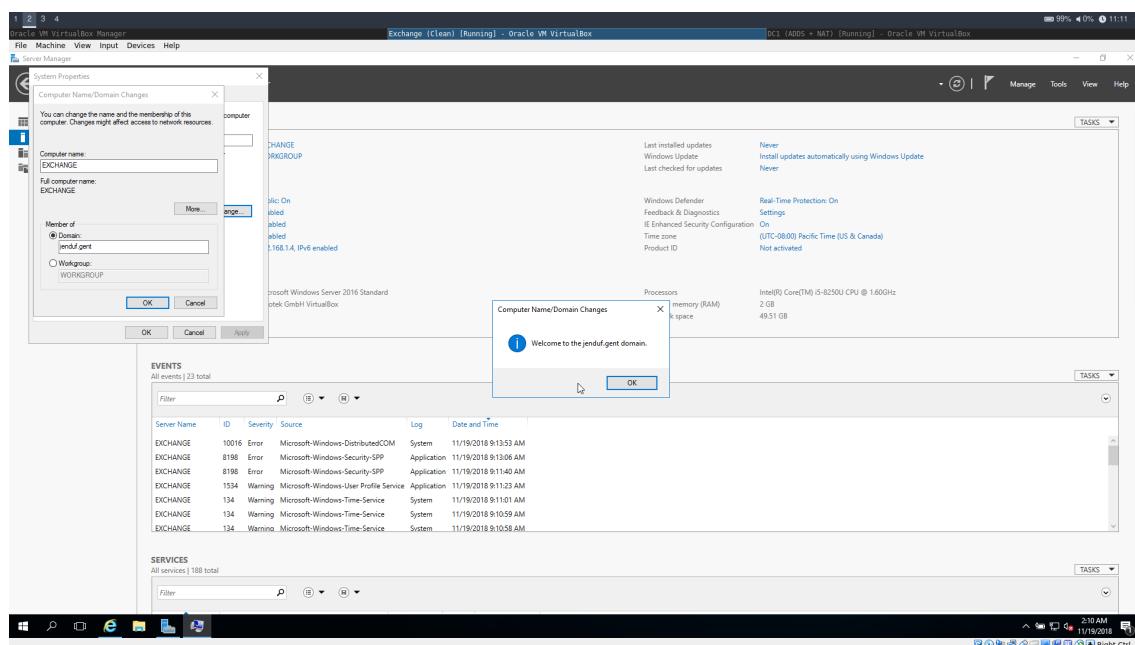
3.3 Toevoegen aan het domein



Geef als domein jenduf.gent in.



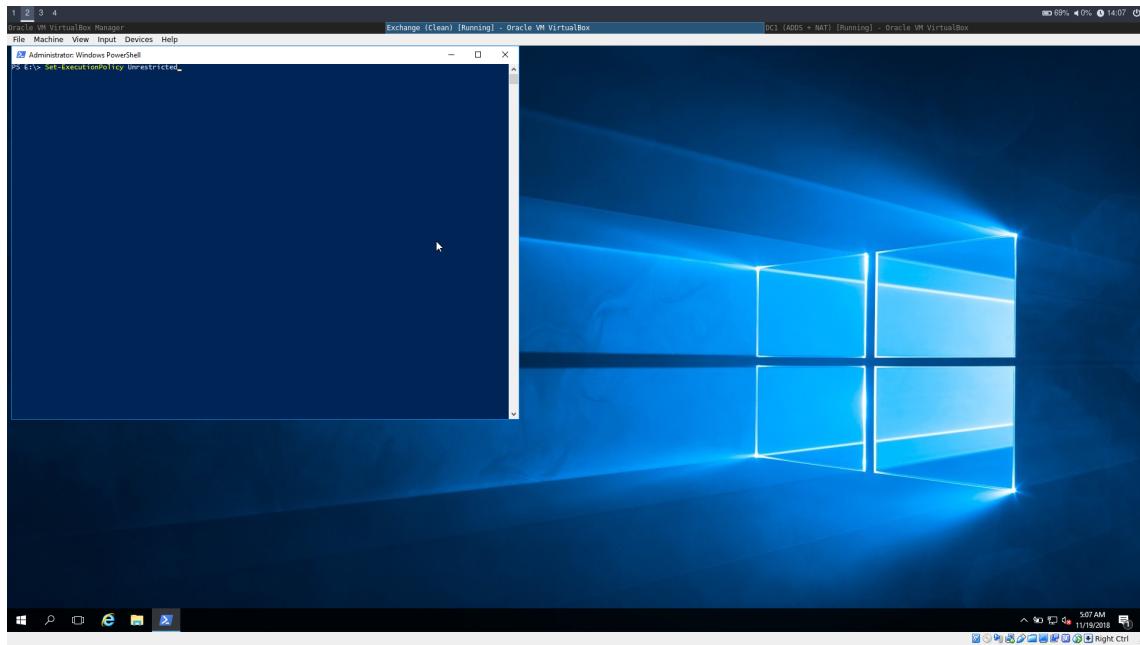
Geef gebruikersnaam "Administrator" in en paswoord "Admin2018".



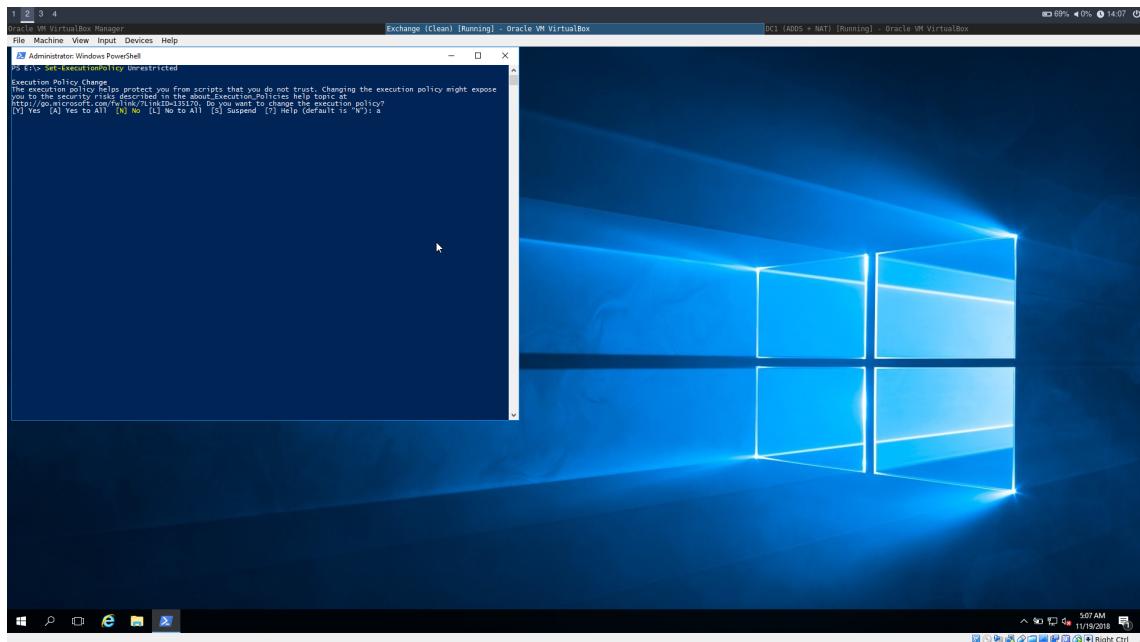
De connectie is geslaagd bij het weergeven van volgende boodschap.

4 Installatie Exchange Server

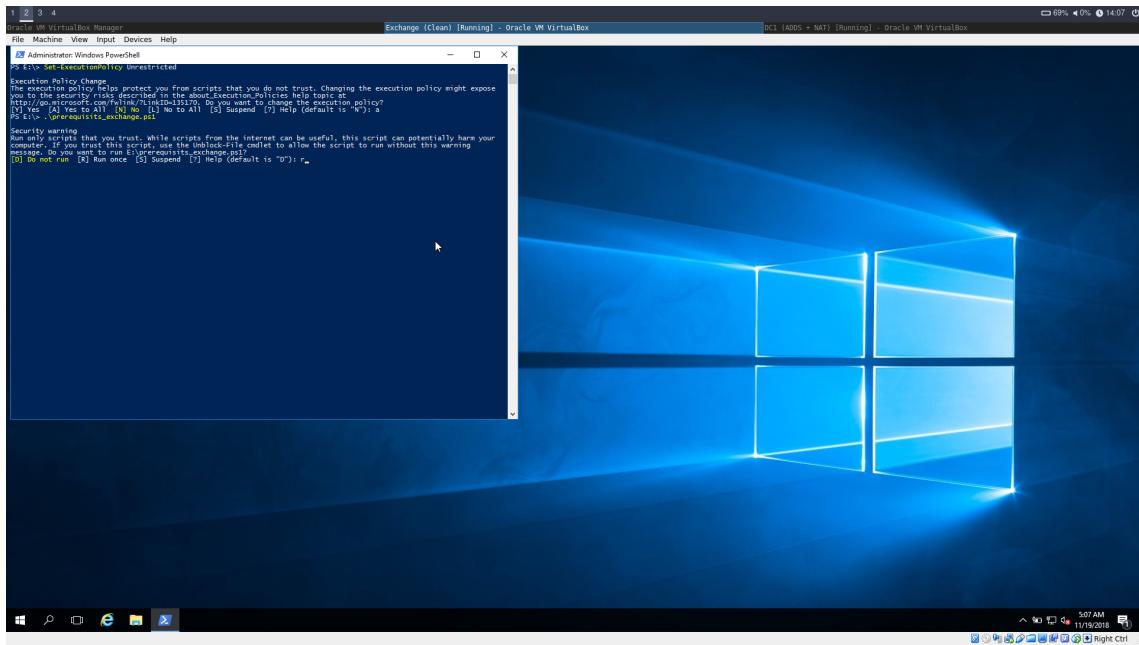
4.1 Prerequisites



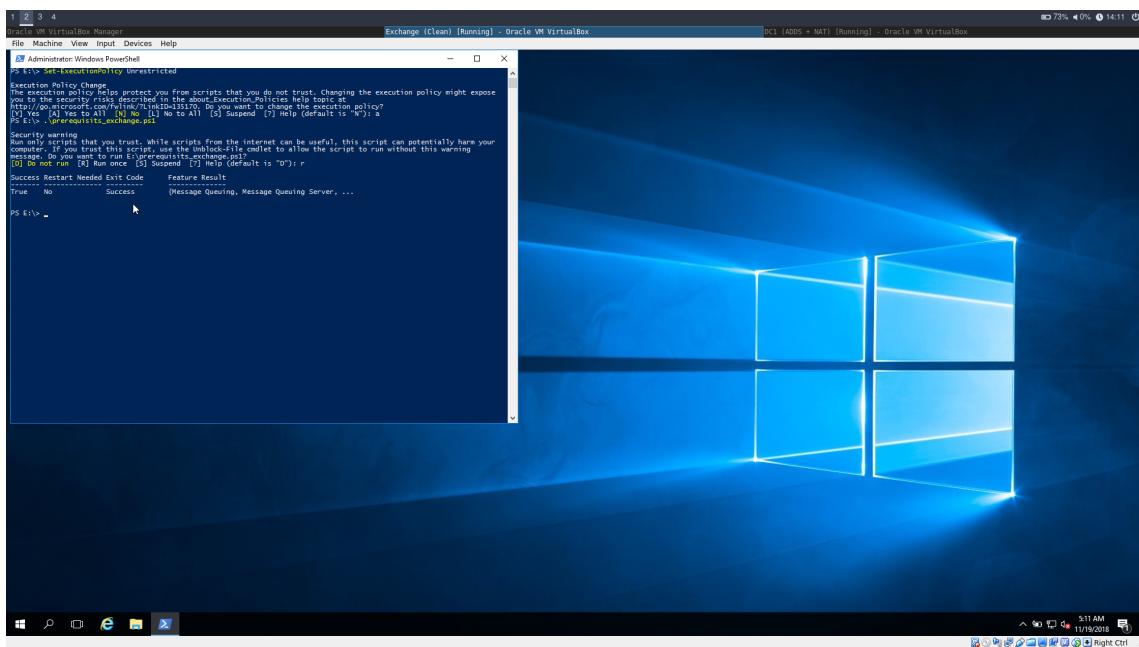
Stel het "ExecutionPolicy" op "Unrestricted".

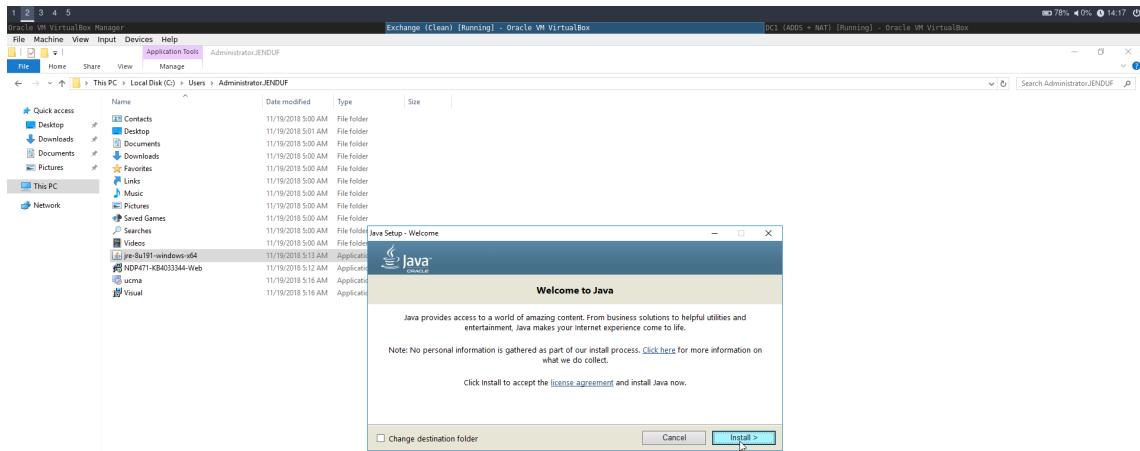


Selecteer "Yes to All".

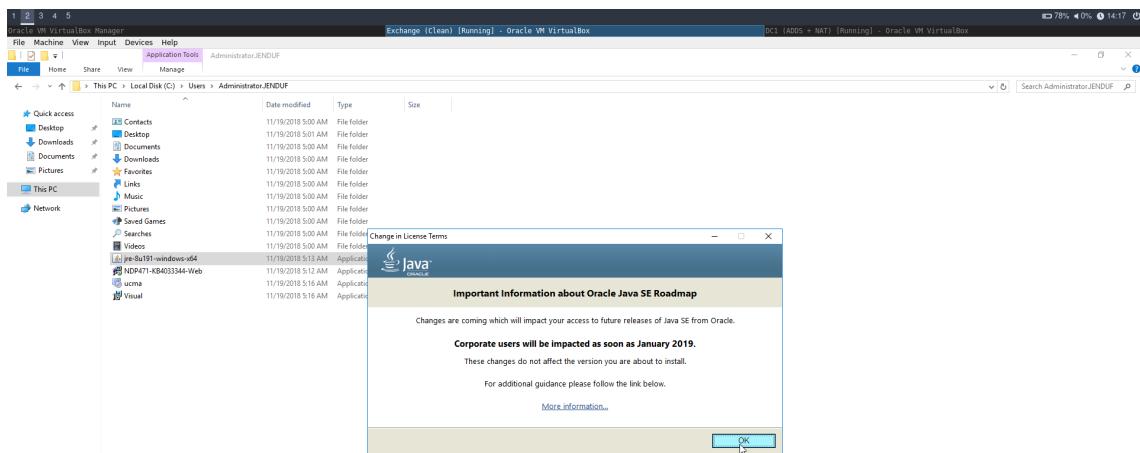


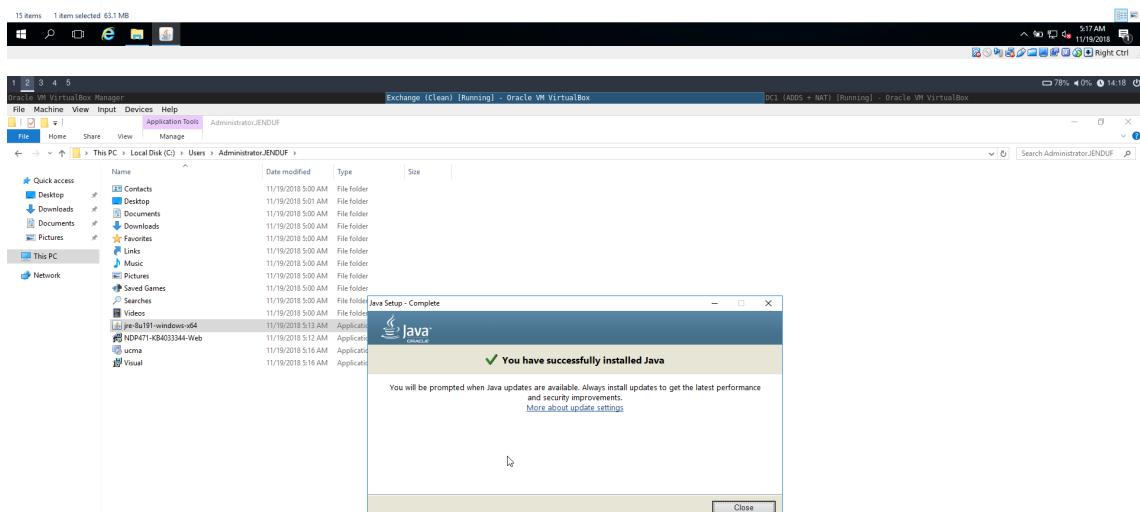
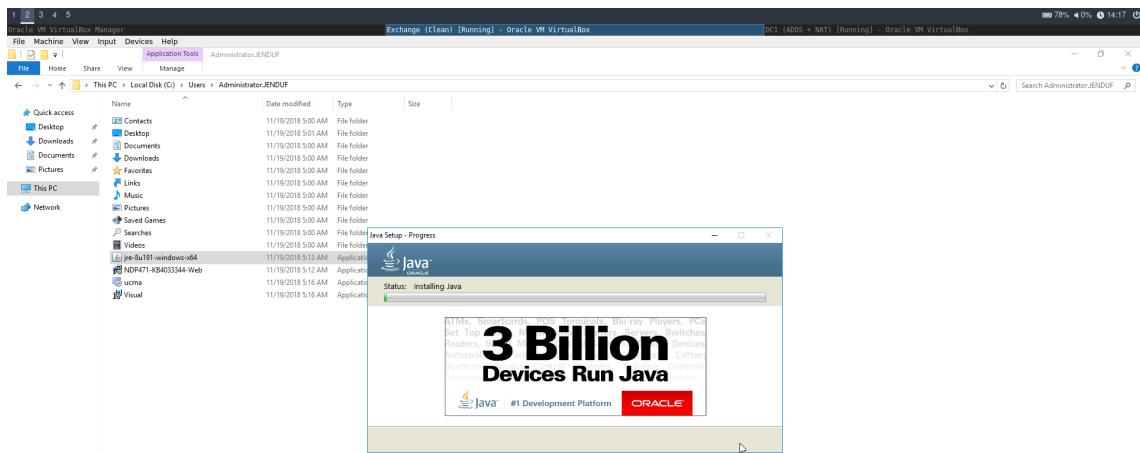
Voer het script uit en selecteer "Run once".

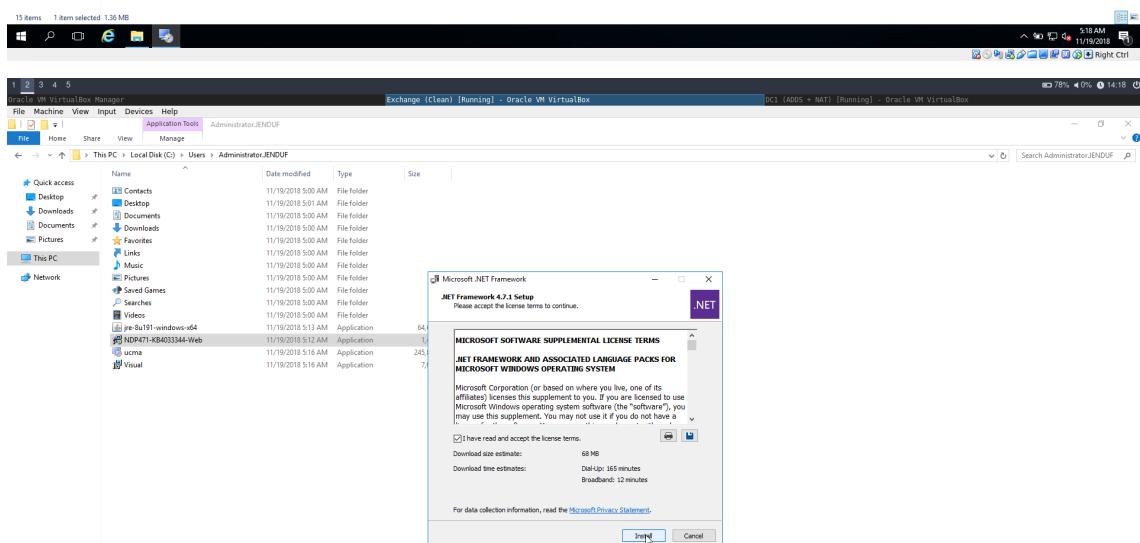
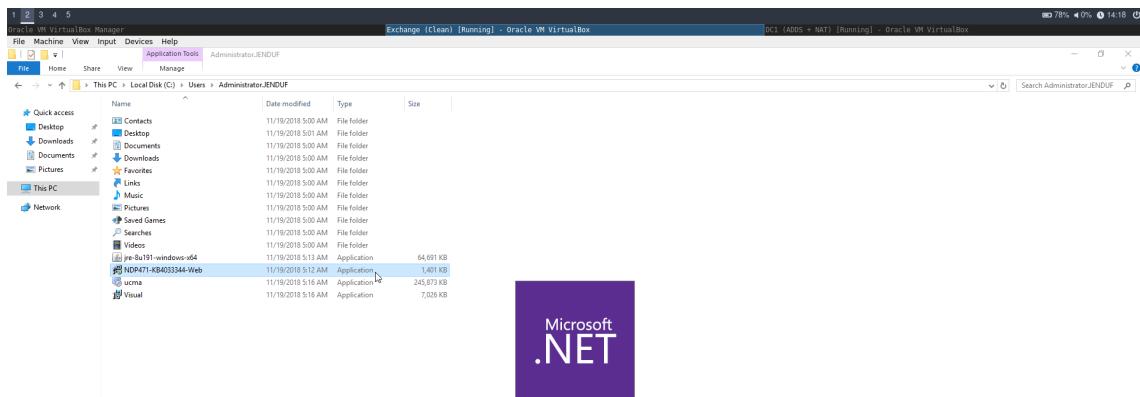




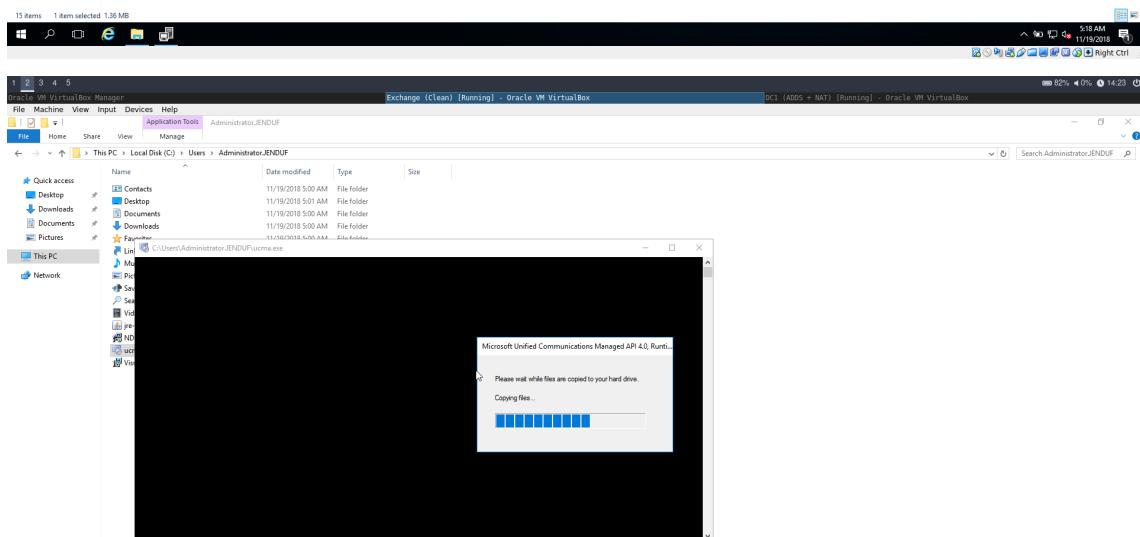
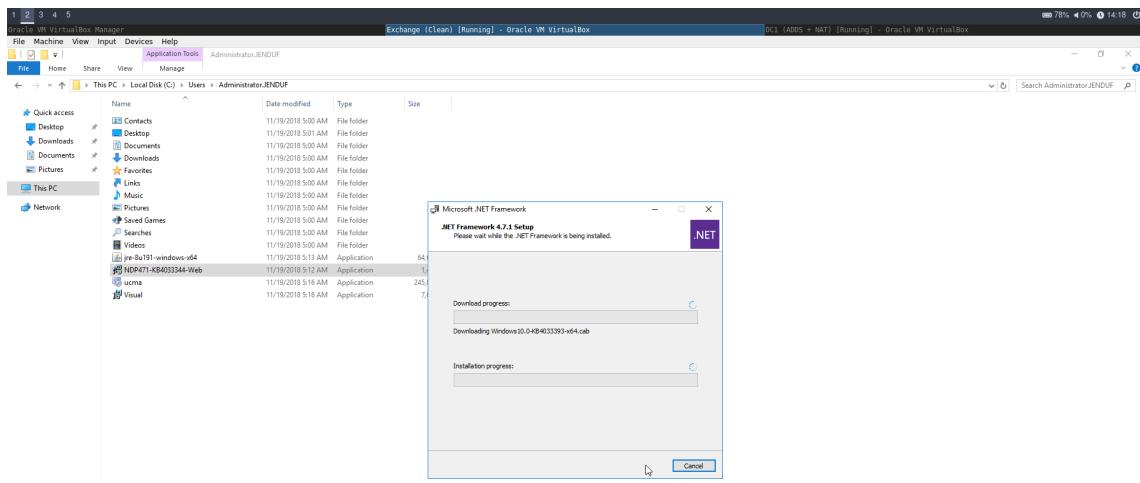
Installeer Java.



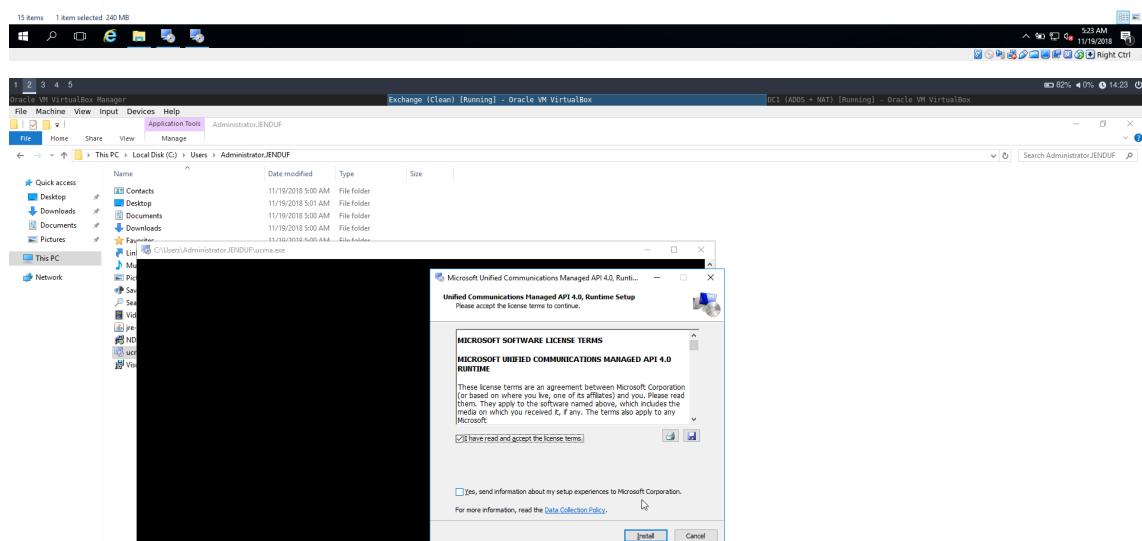
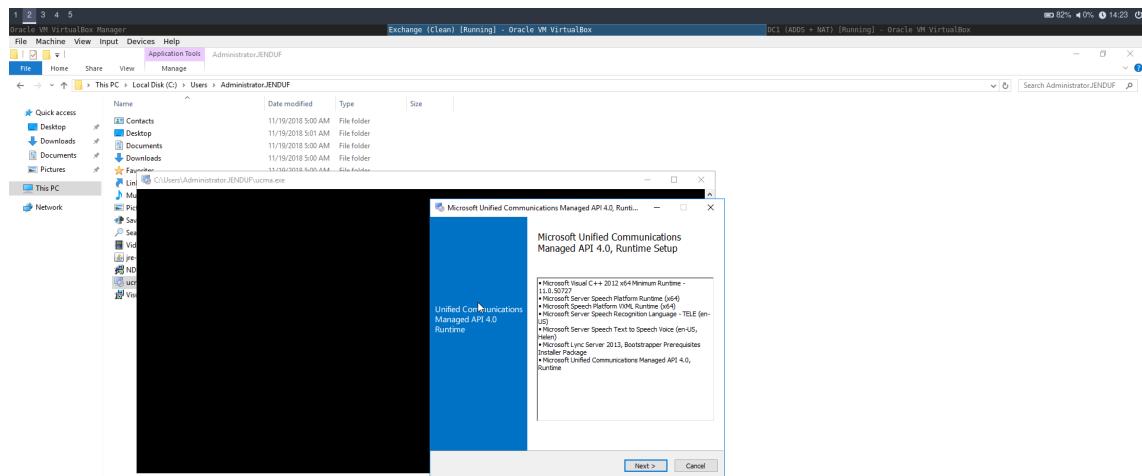




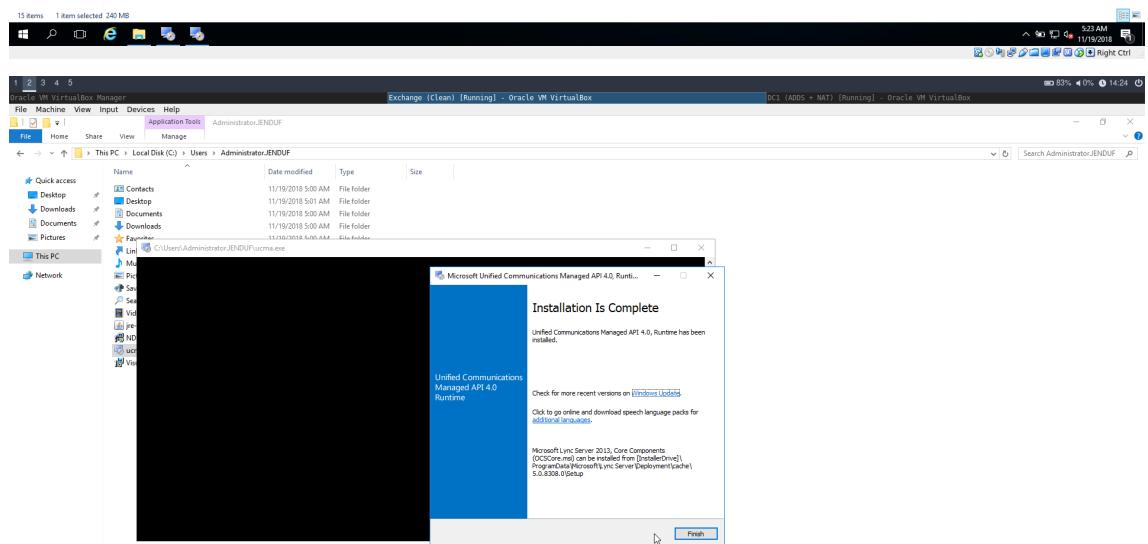
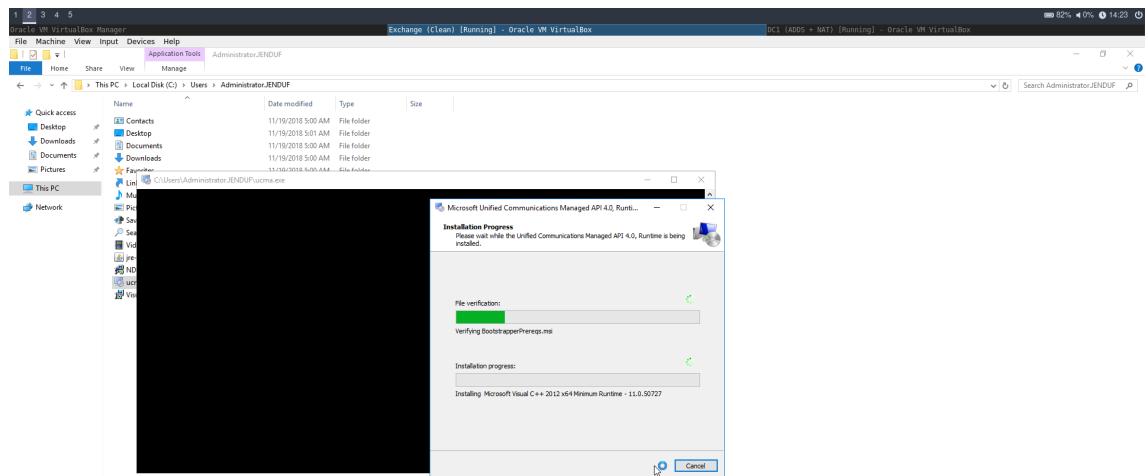
Ga akkoord met de voorwaarden en druk op "Install".

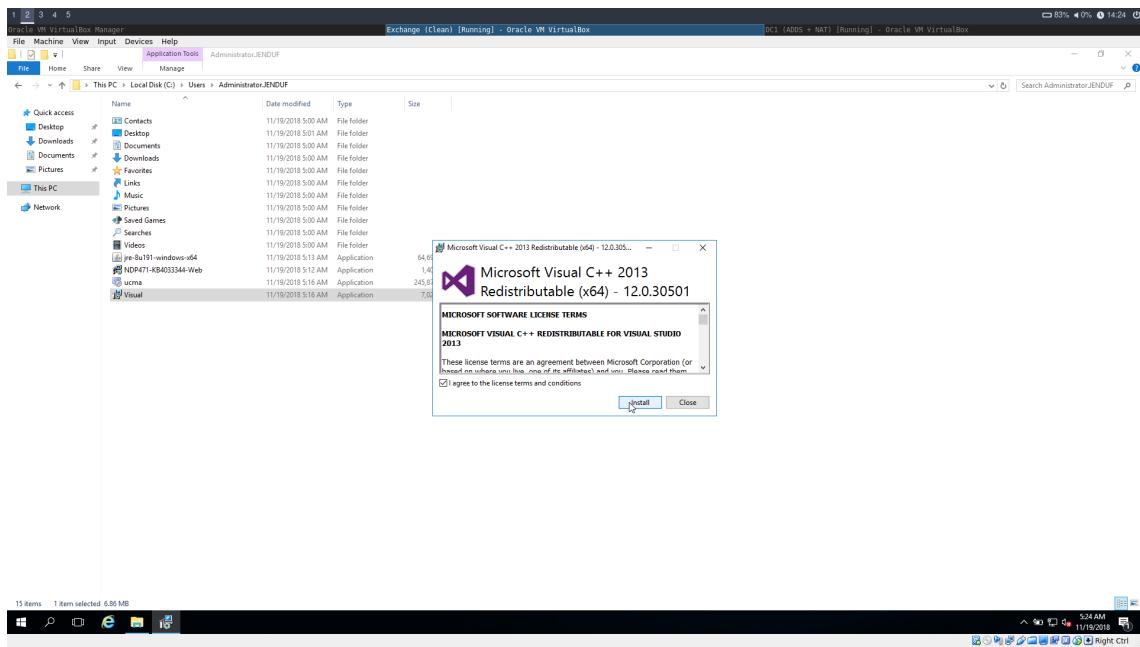


Installeer de "Microsoft Unified Communications Managed API".



Ga akkoord met de licentievoorwaarden en installeer.





Installeer "Microsoft Visual C++ 2013".

4.2 Installatie Exchange Server