

Identity Management

Step-by-Step Guide, Solution Deployment Guide



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1.0 Things to know prior to using this Guide:

- You would need to familiarize yourself with this document prior to diving in.
- All the Screen Shots in this Guide are for reference only.
- This Guide will assist you with the deployment of the Identity Management Bundle in an Azure CSP subscription that was purchased through the StreamOne Portal.
- In-depth training on Azure is outside of this guide.

Accessing the Azure Virtual Machines bundle in Azure.

- You would need to login to the Azure portal to get the IP address.
<https://portal.azure.com>
 - You would need to login using the same username and password as the one created in StreamOne and what was emailed to you.
 - For example: john.doe@contoso.onmicrosoft.com
 - It will give you a one-time password and you will need to change it.
 - To access the Domain Controller Azure Virtual Machine, you must ensure you have the **Login** and **Password** that were created during the StreamOne ordering process.
 - If you were not the person who accessed the StreamOne ordering portal to do the purchasing, please get with that person and obtain the user login and password that were initially created.
- 

1.1 Identity Management Deployment:

Information related to selected bundle should be displayed.

Provision and Configure Identity Management Help

1. **Basic Information** 2. 3.

Location

Location

Select data center location

Select an available Azure Region

Resource Group name

Basic Information

Administrator Username

Administrator Password

Confirm Password

First you will have to fill in the Basic Information.
Please select a Location and define a Resource Group Name:

1. Basic Information 2. 3.

Location

Location

Select data center location

West Europe

Resource Group name

RG-Domain

Then define an Admin Username and Password. Please note that this Admin will be used to connect to the VM, but this user will also be Domain Admin.

Basic Information

Administrator Username

williamm

Administrator Password

.....

Confirm Password

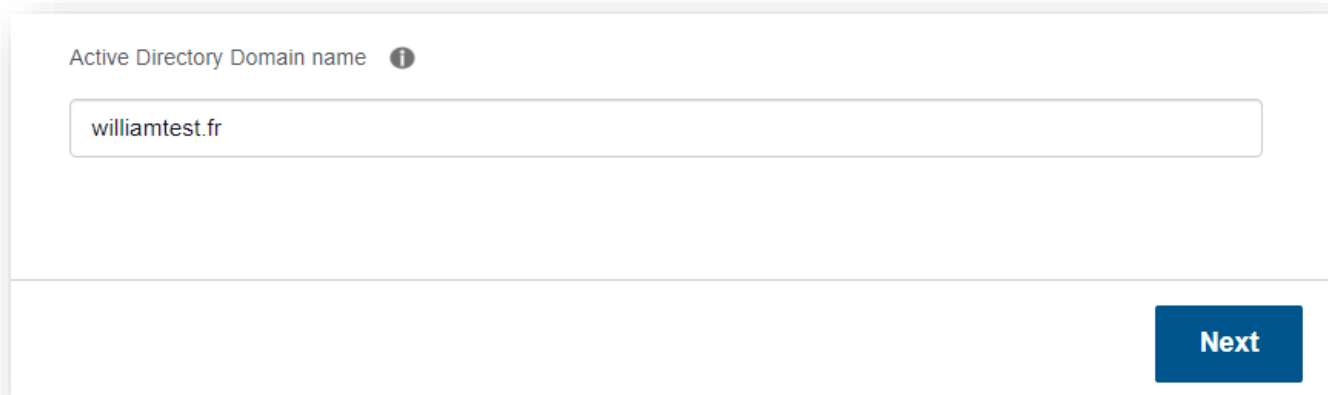
.....

Finally, define the domain name you plan to use.

This can either be a routable or non-routable domain name.

To use the Entra ID Connect synchronization, this must be a routable domain that is verified in Office 365/Entra ID. It must be a valid Internet domain name (for example, .com, .org, .net, .us, etc.).

The Domain Name should be in the format 'domain.suffix', like 'techdata.com'. You may also add a subdomain if needed. In that case the format should become 'subdomain.domain.suffix', like for example 'streamone.techdata.com'.



Active Directory Domain name ⓘ

Next

Then click on Next.

Now, you can fill in the advanced settings.

1. **2. Advanced Settings** 3.

Domain Controller

Domain Controller virtual machine size ⓘ

D4s v3 (4 vCPU's 16 GiB Memory) >>

Domain Controller storage type ⓘ

Standard_LRS Premium_LRS

Domain Controller High Availability ⓘ

Load balancer DNS Prefix ⓘ

Enable RDP Port on the Network Security Group ⓘ

First select the Domain Controller Virtual Machine size:

Domain Controller

Domain Controller virtual machine size ⓘ

D4s v3 (4 vCPU's 16 GiB Memory) >>

You can expand and select different sizes:

Provision and Configure Identity Management

1. **2. Advanced Settings**

Domain Controller

Domain Controller virtual machine size ⓘ
D4s v3 (4 vCPU's 16 GiB Memory)

Domain Controller storage type ⓘ
 Standard_LRS Premium_LRS

Domain Controller High Availability ⓘ

Load balancer DNS Prefix ⓘ

Enable RDP Port on the Network Security Group

Prev

Virtual Machine Size

Search VM Sizes

B2ms (2 vCPU's 8 GiB Memory) Select ▼	D2as v4 (2 vCPU's 8 GiB Memory) Select ▼
D2s v3 (2 vCPU's 8 GiB Memory) Select ▼	D4as v4 (4 vCPU's 16 GiB Memory) Select ▼
D4s v3 (4 vCPU's 16 GiB Memory) Select ▼	E2s v3 (2 vCPU's 16 GiB Memory) Select ▼
F2s v2 (2 vCPU's 4 GiB Memory) Select ▼	F4s v2 (4 vCPU's 8 GiB Memory) Select ▼

Close

Then select the Domain Controller Storage Type:

Domain Controller storage type ⓘ

Standard_LRS Premium_LRS

Premium is recommended for better performance and SLA of 99.90% availability if going for a single instance.

You can choose to deploy a second domain controller for High Availability.

Domain Controller High Availability ⓘ

Then define the Load Balancer DNS Prefix.

Load balancer DNS Prefix ⓘ

williamtest

Finally, select if you want to enable RDP Port on the Network Security Group.

Enable RDP Port on the Network Security Group ⓘ

Please note that if you chose to enable RDP Port, it will be publicly available.

Then click on next.

Moving on to the final steps, you can fill in the Diagnostics Storage Account information.

1. 2. 3. Diagnostics

Diagnostics Storage Account

Deploy Diagnostics Storage Account ⓘ

Storage Account Name

Storage Replication

Locally Redundant Storage (LRS)

Geo Redundant Storage (GRS)

Storage Access Tier

Hot Cool

Then select if you want to enable Azure Backup or not:

Azure Backup

Enable Azure Backup ⓘ

Locally redundant storage Geo-redundant storage

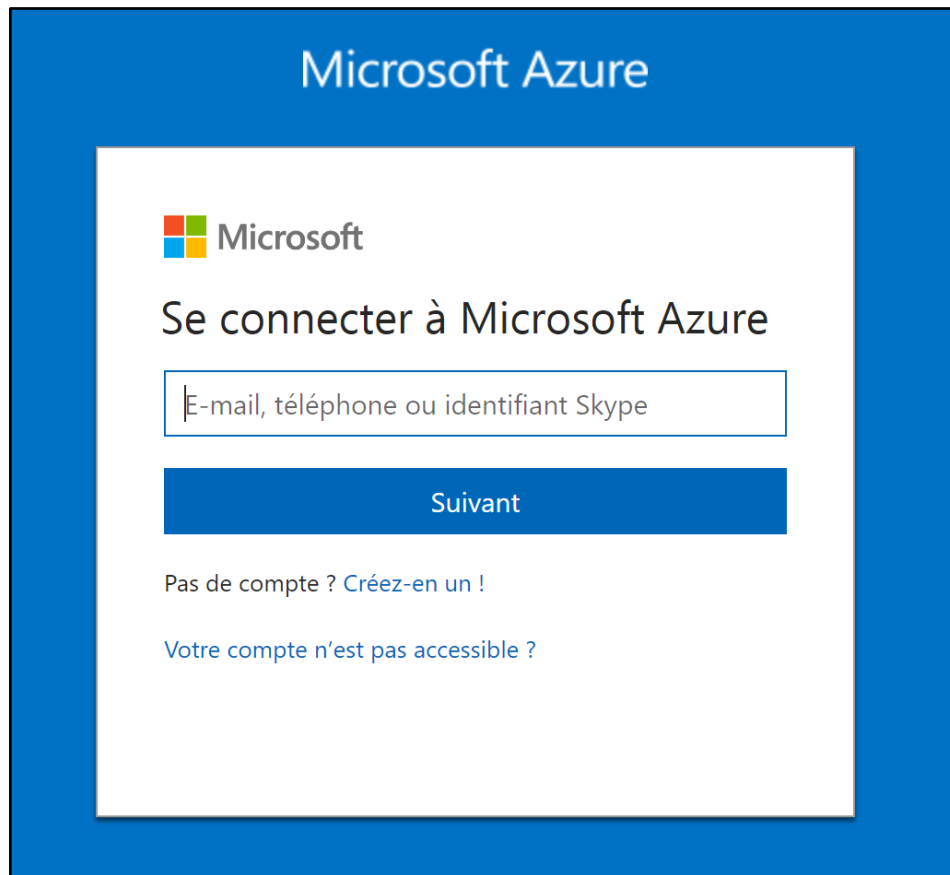
[Prev](#) [Deploy](#)

And click on deploy!

1.2 How to Connect:

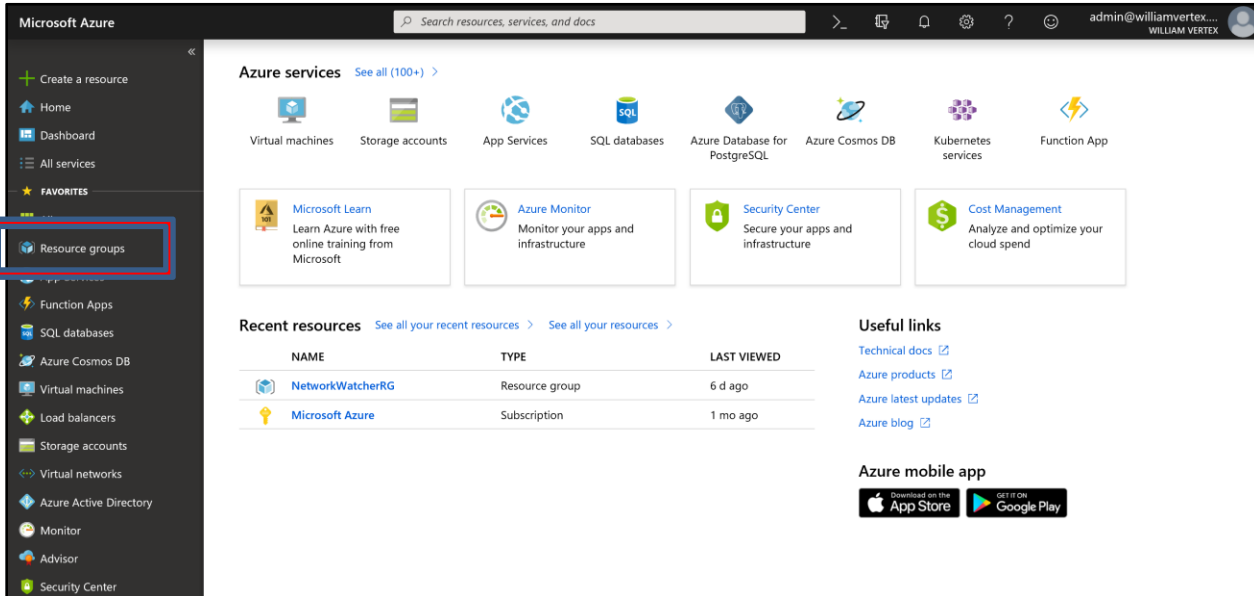
Connect to the Azure Portal with your credentials.

- You would need to login to the Azure portal to get the IP address.
 - <https://portal.azure.com>
 - You would need to login using the same username and password as the one created in StreamOne and what was emailed to you.
- For example: john.doe@contoso.onmicrosoft.com
- It will give you a one-time password and you will need to change it.

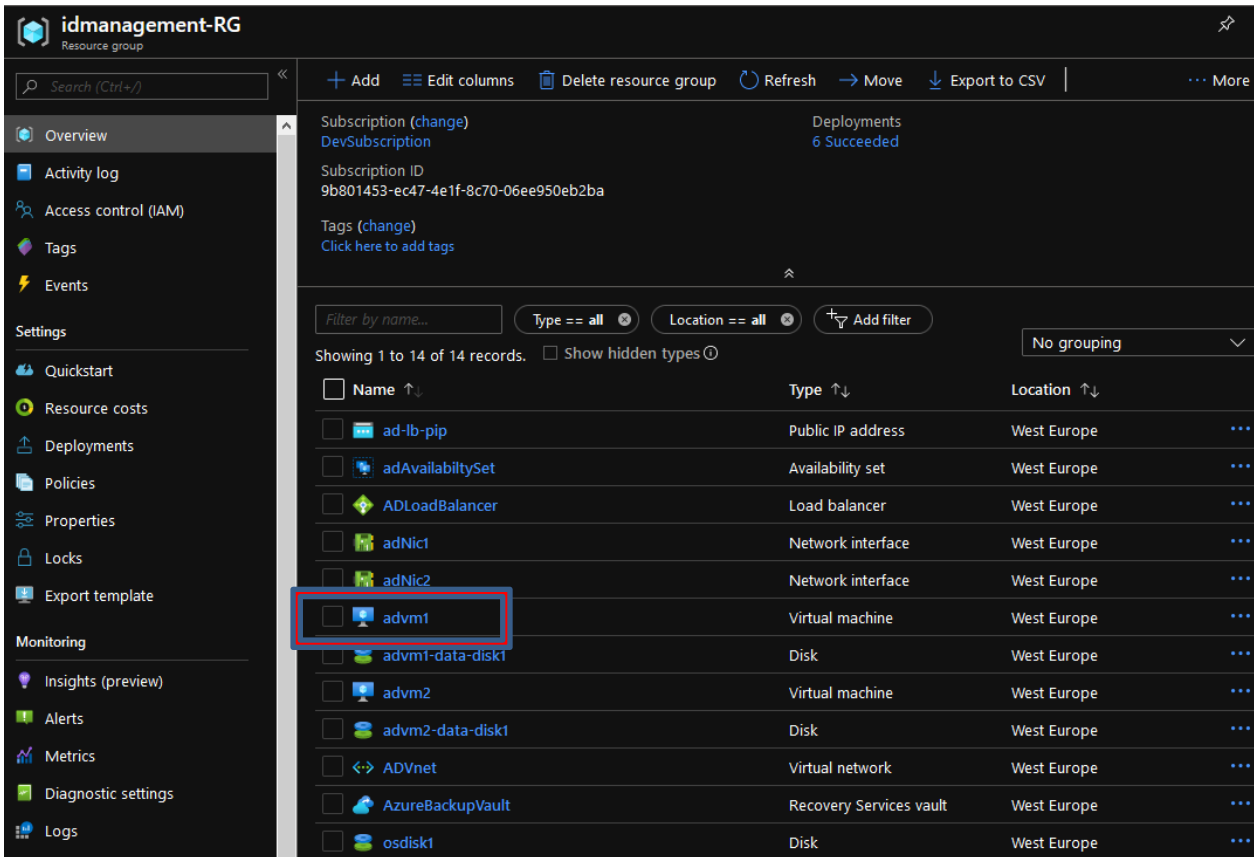


The image shows a screenshot of the Microsoft Azure login page. The page has a blue header with the text "Microsoft Azure". Below the header is a white box containing the Microsoft logo and the text "Microsoft". The main heading is "Se connecter à Microsoft Azure". There is a text input field with the placeholder text "E-mail, téléphone ou identifiant Skype". Below the input field is a blue button labeled "Suivant". At the bottom of the white box, there are two links: "Pas de compte ? Créez-en un !" and "Votre compte n'est pas accessible ?".

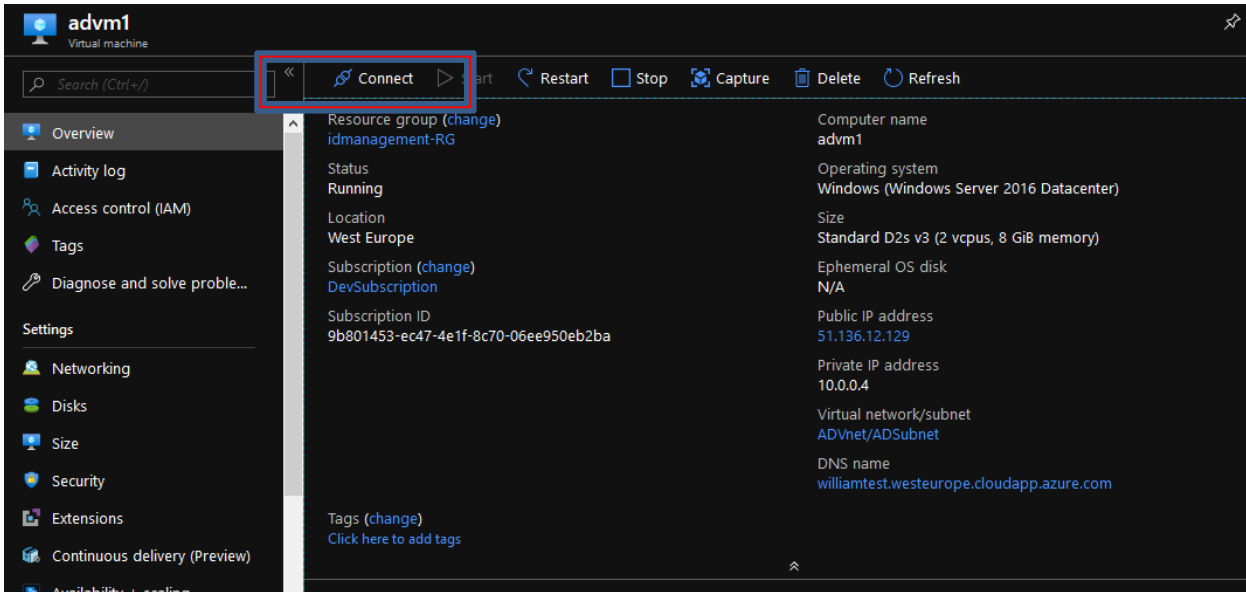
You will then be connected to the Azure Portal. Go to Resource groups.



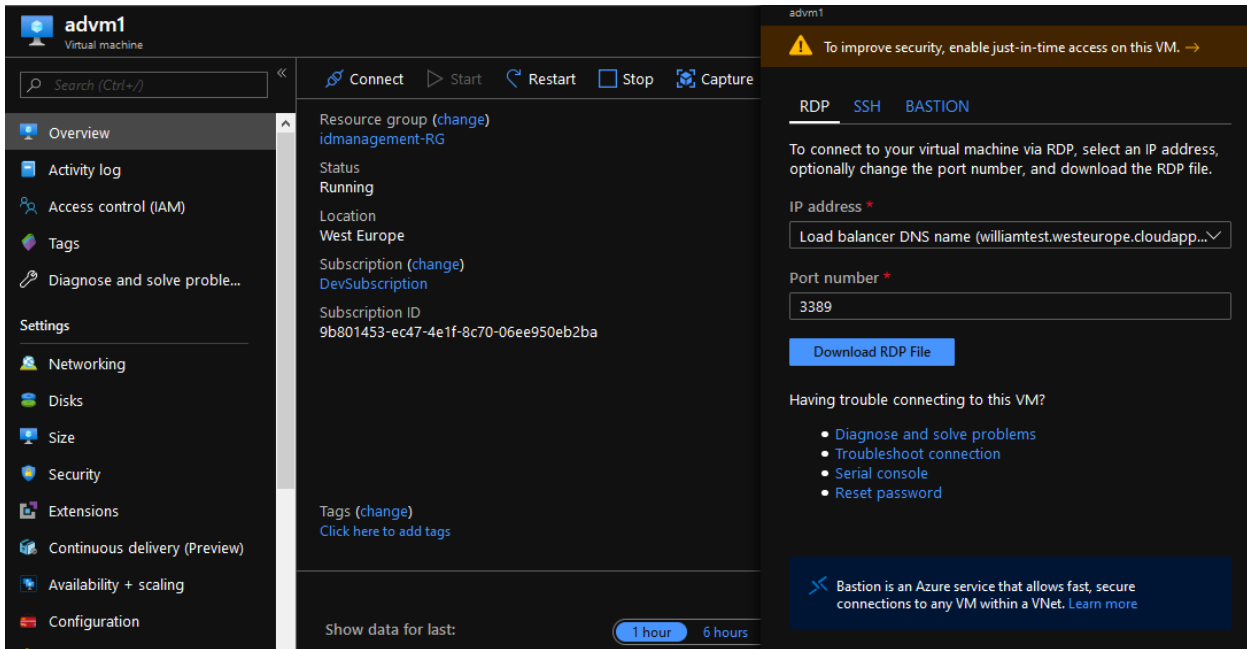
You will find the Resource Group into which your resources have been deployed. You will then see your resources listed. Find the Virtual Machine:



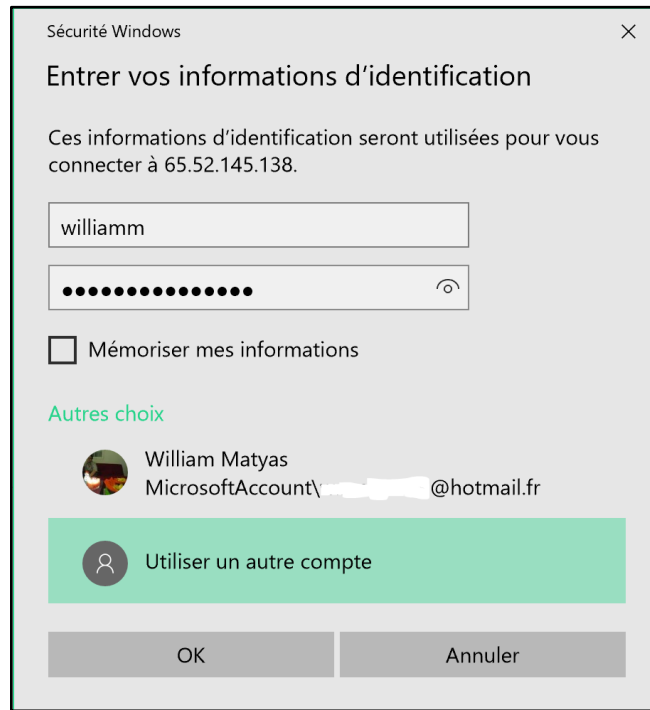
Click onto the “Connect” button:



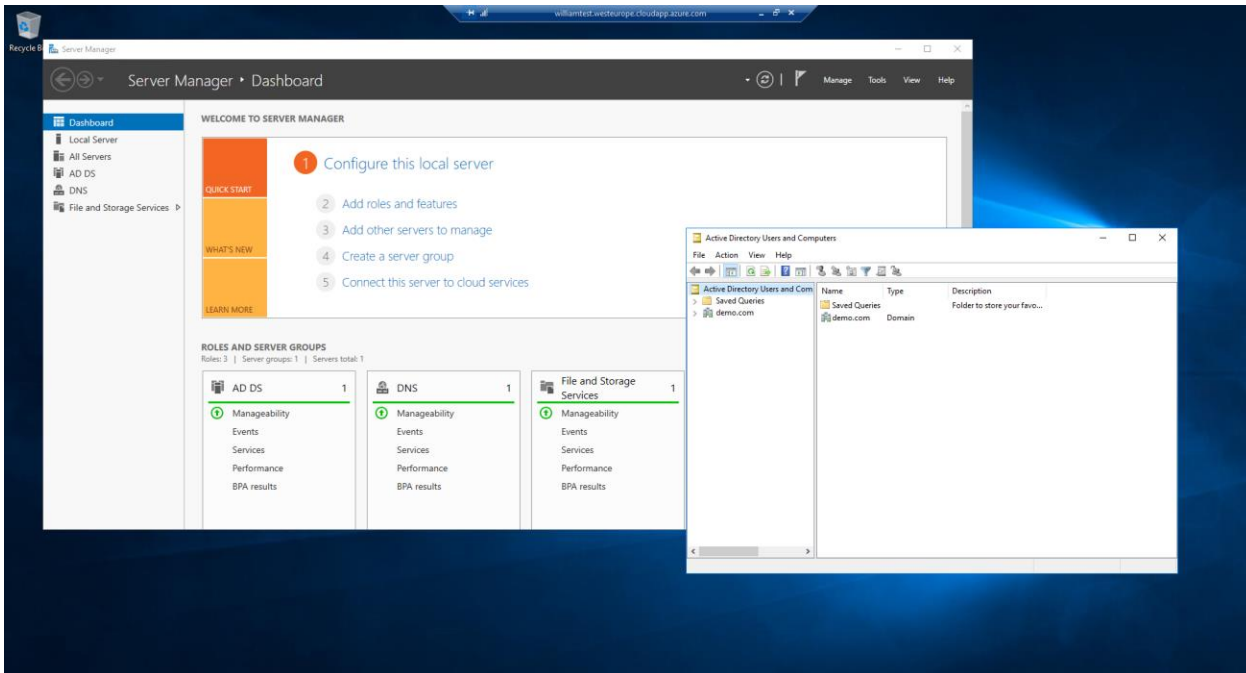
Click onto the “Download RDP File” button:



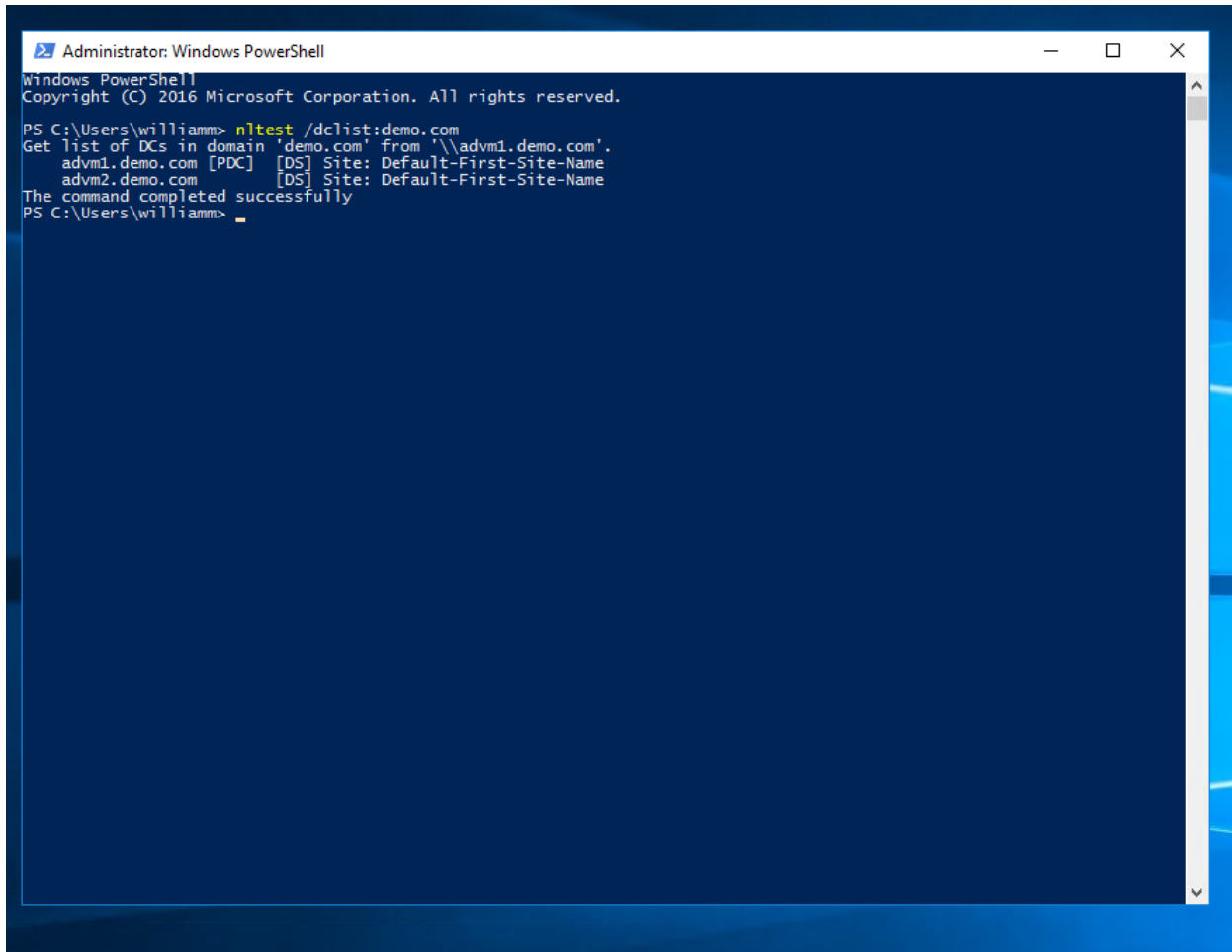
To connect, you will need to use the Username and the Password you chose during the order.



You will then be connected to your Domain Controller Virtual Machine.



And get started!



```
Administrator: Windows PowerShell
Windows PowerShell
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PS C:\Users\williamm> nltest /dclist:demo.com
Get list of DCs in domain 'demo.com' from '\\adv1.demo.com'.
adv1.demo.com [PDC] [DS] Site: Default-First-Site-Name
adv2.demo.com [DS] Site: Default-First-Site-Name
The command completed successfully
PS C:\Users\williamm> _
```