

# Deploying Managed AD Domain Services

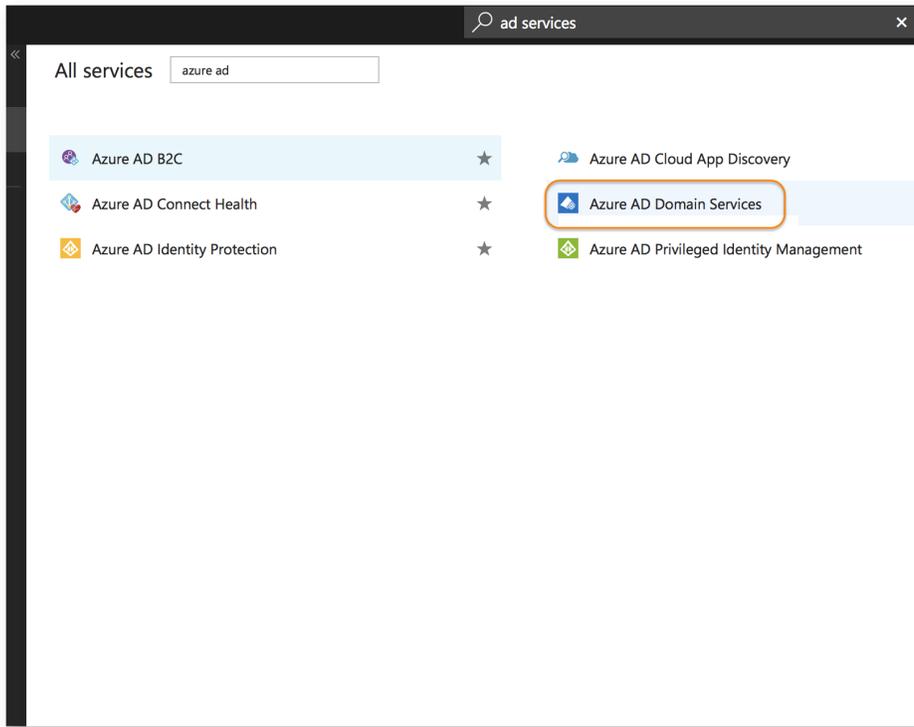
## Symptoms

You already have an Azure AD Domain Controller (AADDCC) and you would like to integrate SoftNAS to this domain, rather than configuring another 2016 or 2012 Domain as a Services solution to control SoftNAS resources. This implementation will allow you to centralize all your authentication needs using (AADDCC).

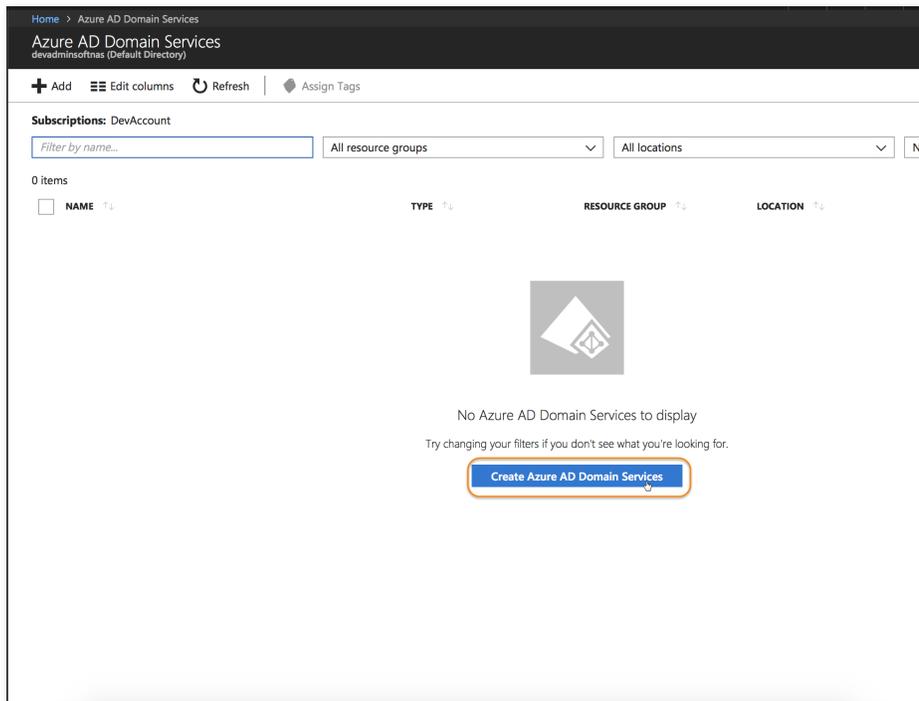
## Purpose

This guide will work you through all the necessary steps needed to get your environment ready to allow other systems to seamlessly integrate with (AADDCC) for all your authentication needs.

1. Go to the [Azure portal](#).
2. In the left pane, click **Create a resource**.
3. Search and deploy Domain Services by typing it into the search bar.



4. Next, click on **Create Azure Domain Services**, to start the deployment process.



5. On the next page, define your AD services name by providing the name of your choice. For this guide, we selected 'softnassupport.local', however, it can be anything you choose, such as 'anything.onmicrosoft.com'. Select your subscription account, Resource group and the location you would like to deploy your AD Services in.

Home > Azure AD Domain Services > Enable Azure AD Domain Services > Basics

## Enable Azure AD Domain Services ×

Default Directory

### Basics ☐ ×

- 1** Basics  
Configure basic settings >
- 2** Network  
Select virtual network >
- 3** Administrator group  
Configure group membership >
- 4** Summary  
Enable Azure AD Domain Servi... >

Directory name  
devadminsoftnas (default directory)

\* DNS domain name ⓘ  
softnassupport.local ✓

\* Subscription  
DevAccount ▾

\* Resource group ⓘ  
 Create new  Use existing  
Bjallow ▾

\* Location  
West Central US ▾

OK

6. Next, we will configure the network which our AD services would be part of. It is recommended that you create a dedicated subnet for use with this domain service. After the domain service is created you will not be able to modify the subnet.

Home > Azure AD Domain Services > Enable Azure AD Domain Services > Network

## Enable Azure AD Domain Services ×

Default Directory

- 1 Basics ✓  
Configure basic settings
- 2 Network >  
Select virtual network
- 3 Administrator group >  
Configure group membership
- 4 Summary >  
Enable Azure AD Domain Servi...

### Network □ ×

It is recommended that you create a dedicated subnet for use with this domain service. After the domain service is created you will not be able to modify the subnet. [To manage your existing virtual networks and subnets, click here.](#)

#### Network

- \* Virtual network ⓘ  
Buba-vnet >
- \* Subnet ⓘ  
default >

OK

7. Now you can add the users that you would like to administer the domain services to the ADDC administrative group.

Home > Azure AD Domain Services > Enable Azure AD Domain Services > Administrator group > Members

### Enable Azure AD Domain Services ✕

Default Directory

- 1** Basics ✓  
Configure basic settings
- 2** Network ✓  
Select virtual network
- 3** Administrator group >  
Configure group membership
- 4** Summary >  
Enable Azure AD Domain Servi...

### Administrator group ✕

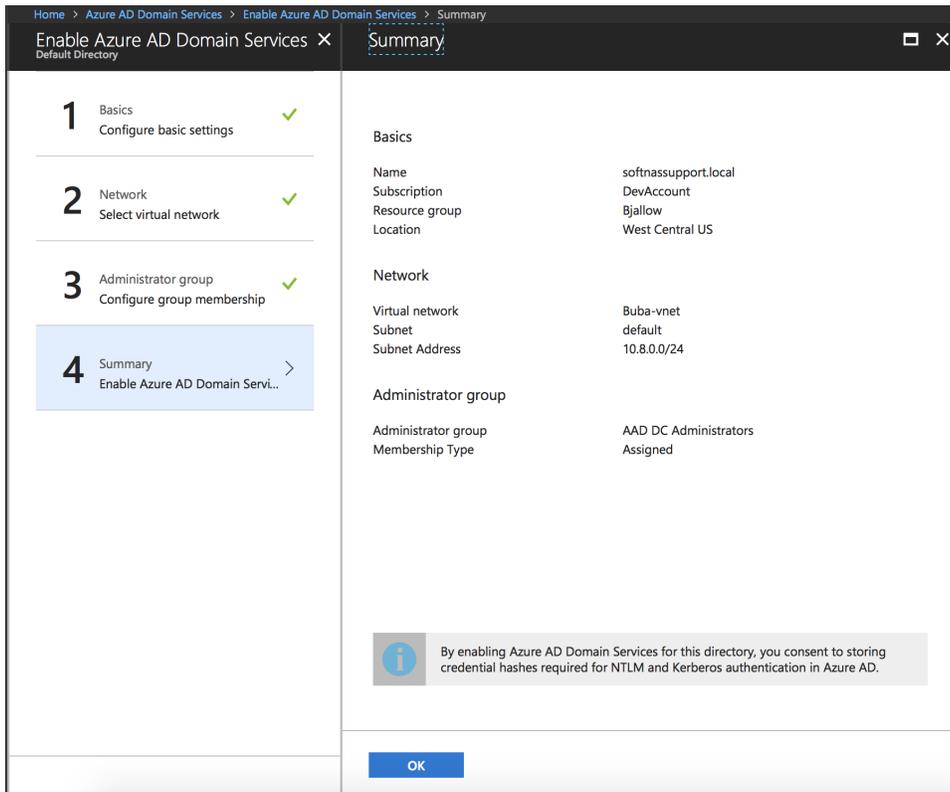
The "AAD DC Administrators" group will have privileges to administer this managed domain. Click below to manage membership.

AAD DC Administrators ⓘ  
**Manage group membership** >

**OK**

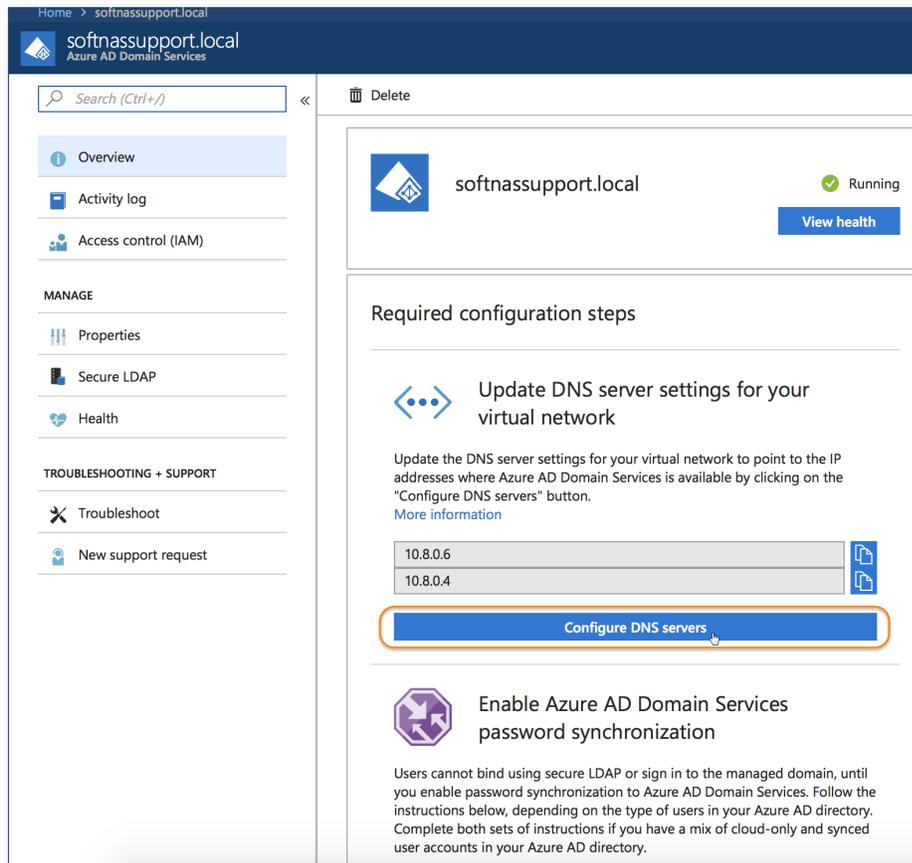
**OK**

8. Verify and deploy.

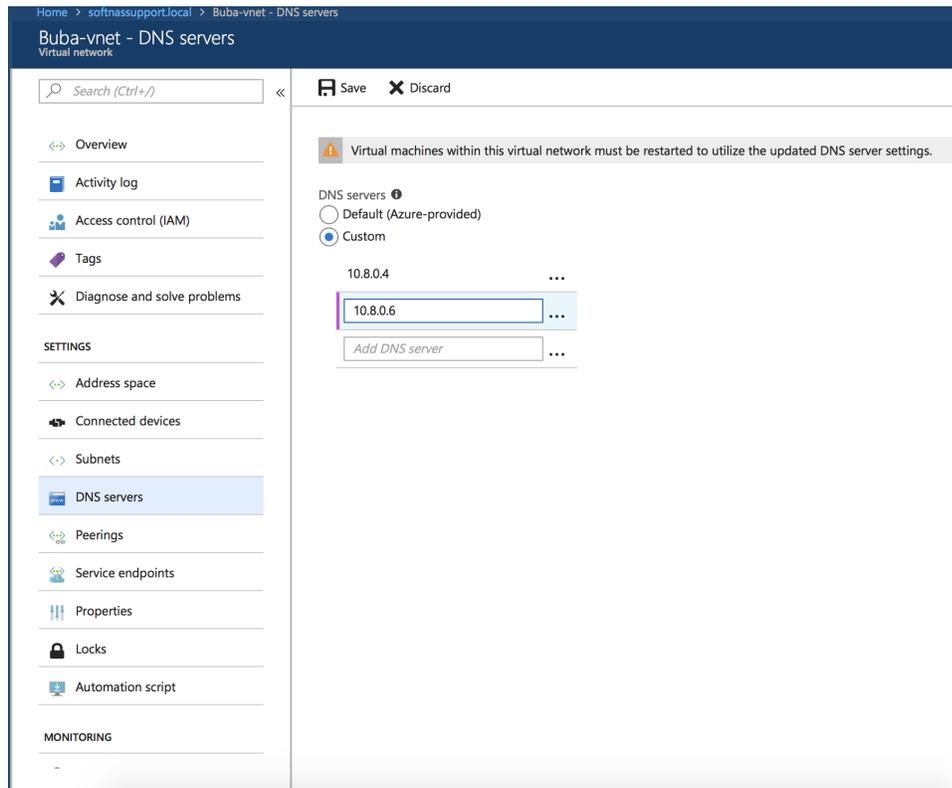


9. After the deployment is complete; DNS can now be configured to allow other VM clients to join to our AD services.

**Note:** All virtual machines within the VNET that you deployed your AD services in must be restarted to update their DNS server settings.



a.



10. Next, we will enable password synchronization to Azure AD Domain Services. This is a very important step, as Users cannot bind using secure LDAP or sign in to the managed domain until this step is completed. Complete this step according to the type of users in your Azure AD directory. If you have a mix of cloud-only and synced user accounts in your Azure AD directory, please complete both sets of instructions.

- a. [Instructions for cloud-only user accounts](#)
- b. [Instructions for synced user accounts](#)

11. Now you are all set to add SoftNAS to AD. Please follow the instructions [here](#) to continue.