

# CONNECTING ON-PREMISE DIRECTORY WITH AZURE ACTIVE DIRECTORY

## Active Directory

Active Directory stores information about objects on the network and makes this information easy for administrators and users to find and use. Active Directory uses a structured data store as the basis for a logical, hierarchical organization of directory information

## AD connect

AD Connect is used to synchronize user accounts, group memberships, and credential hashes from an on-premises AD DS environment to cloud AD

Attributes of user accounts such as the UPN and on-premises security identifier (SID) are synchronized.

## To deploy AD connect,


- Login to the server where the on-premise AD and domain controller is placed
- now, install Azure AD connect from web
- Open the application and provide the following (this may change for users)

Azure AD -

username: demo@hireshr1234outlook.onmicrosoft.com

password: \*\*\*\*\*

(Note - The AD user must have the following privilege)

 demo123 | Assigned roles

Search

«

+ Add assignments

✕ Remove assignments

↻ Refresh

🗉 Got feedback?

Overview

Audit logs

Sign-in logs

Diagnose and solve problems

Manage

Custom security attributes

Assigned roles

Administrative units

Groups

Administrative roles

Administrative roles can be used to grant access to Azure AD and other Microsoft services. [Learn more](#)

Search by name or description

+ Add filters

Role	Description	Resource Name	Resource Type	Assignment Path	Type
<input type="checkbox"/> Global Administrator	Can manage all aspects of Azure AD and Microsoft services that use Azure AD identities.	Directory	Organization	Direct	Built-in
<input type="checkbox"/> Hybrid Identity Administrator	Can manage AD to Azure AD cloud provisioning, Azure AD Connect, and federation settings.	Directory	Organization	Direct	Built-in

## Active Directory Domain Controller -

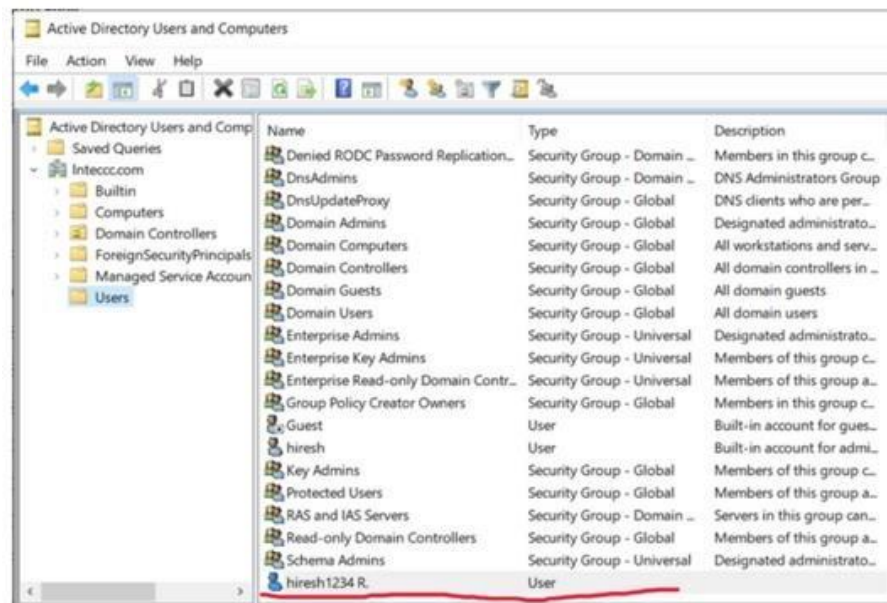
username:

hireshr.Inteccc.com

password: \*\*\*\*\*

(Note: The AD user must be an administrator)

After successful connection we will be able to see the following



Dashboard >

Users

Search

New user Download users Bulk operations Refresh Manage view Delete Per-user MFA Got feedback?

All users Audit logs Sign-in logs Diagnose and solve problems

Manage Deleted users Password reset User settings Bulk operation results Troubleshooting + Support New support request

Azure Active Directory is becoming Microsoft Entra ID.

Search Add filter

6 users found

	Display name	User principal name	User type	On-premises sy...	Identities	Company name
<input type="checkbox"/>	DE demo123	demo@hireshr1234outlo...	Member	No	hireshr1234outlook.onmicrosoft.co	
<input type="checkbox"/>	GA gajendra	gajendra@hireshr1234out...	Member	No	hireshr1234outlook.onmicrosoft.co	
<input type="checkbox"/>	HR hireshr1234 R.	hireshr@hireshr1234outlo...	Member	Yes	hireshr1234outlook.onmicrosoft.co	
<input type="checkbox"/>	NG NG	NG@hireshr1234outlook....	Member	No	hireshr1234outlook.onmicrosoft.co	
<input type="checkbox"/>	OD On-Premises Directory Synchron...	Sync_Vm-1_228a998d094...	Member	Yes	hireshr1234outlook.onmicrosoft.co	
<input type="checkbox"/>	RB RAJKUMAR B	hireshr1234_outlook.com...	Member	No	MicrosoftAccount	

We can see that domain user has successfully joined the azure active directory