

Azure Active Directory

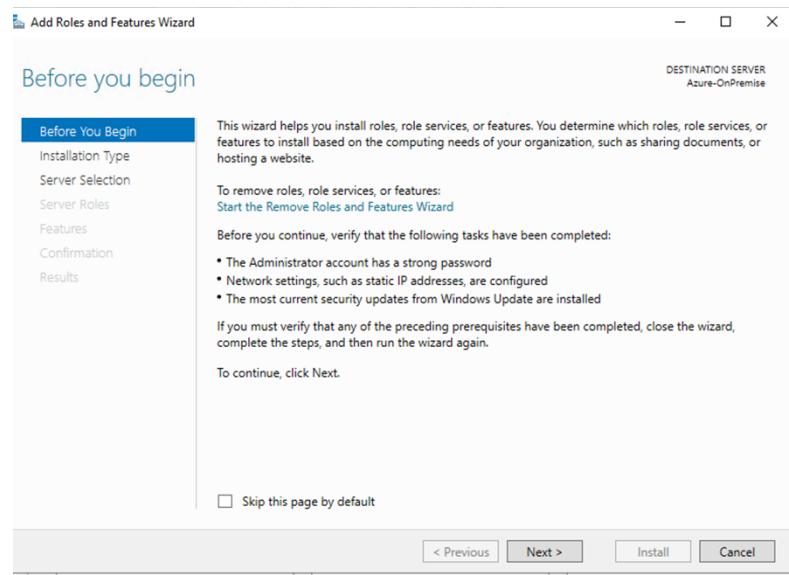
1. Create one On-premises Virtual machine and Configure Active Directory on it

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft Azure', 'Upgrade', 'Search resources, services, and docs (G+)', and a user profile. Below the navigation is a breadcrumb trail: 'Home > Virtual machines >'. The main area displays a list of virtual machines under 'Virtual machines' with a 'Default Directory' filter. One VM, 'Azure-OnPremisesAD', is selected and shown in detail. The 'Overview' tab is active, displaying information such as Resource group ('Shweta'), Status ('Running'), Location ('East US'), Subscription ('Free Trial'), and Public IP address ('172.173.174.203'). The 'Networking' tab shows a single network interface with a public IP of '172.173.174.203'. The 'Properties' tab is also visible at the bottom.

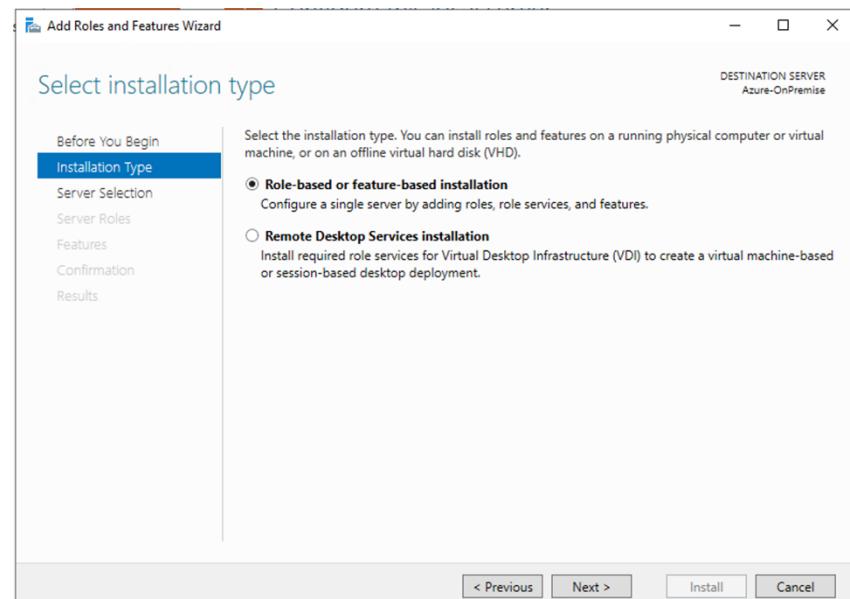
2. Click on Add roles and features.

The screenshot shows the Server Manager dashboard. The top navigation bar includes 'Manage', 'Tools', 'View', and 'Help'. The main area features a 'WELCOME TO SERVER MANAGER' message with a 'Configure this local server' section containing five numbered steps: 1. Configure this local server, 2. Add roles and features, 3. Add other servers to manage, 4. Create a server group, and 5. Connect this server to cloud services. Below this is a 'ROLES AND SERVER GROUPS' section showing one role and one server group. The 'File and Storage Services' role is assigned to the 'Local Server' and 'All Servers' groups. Both groups have 'Manageability', 'Events', 'Services', 'Performance', and 'BPA results' assigned.

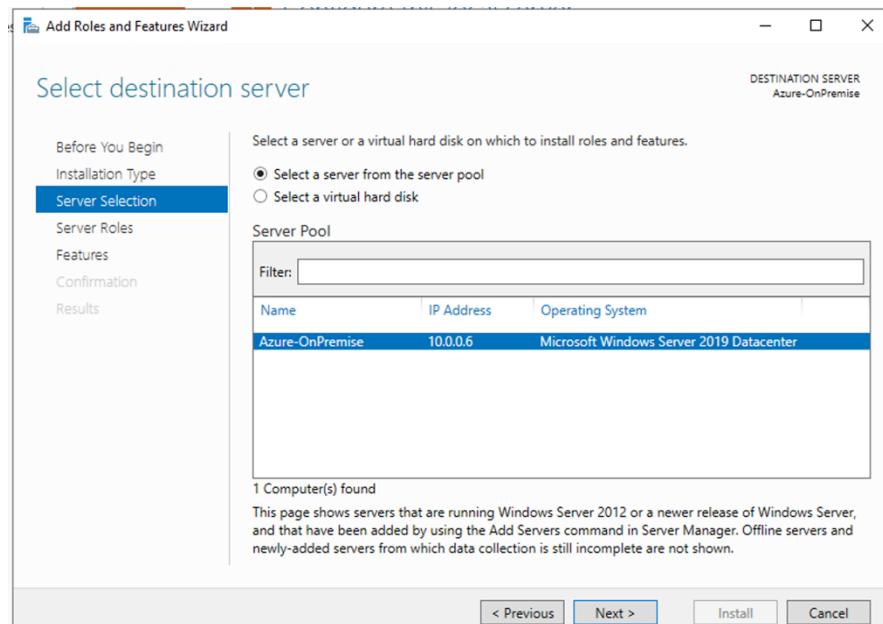
3. Click next and install.



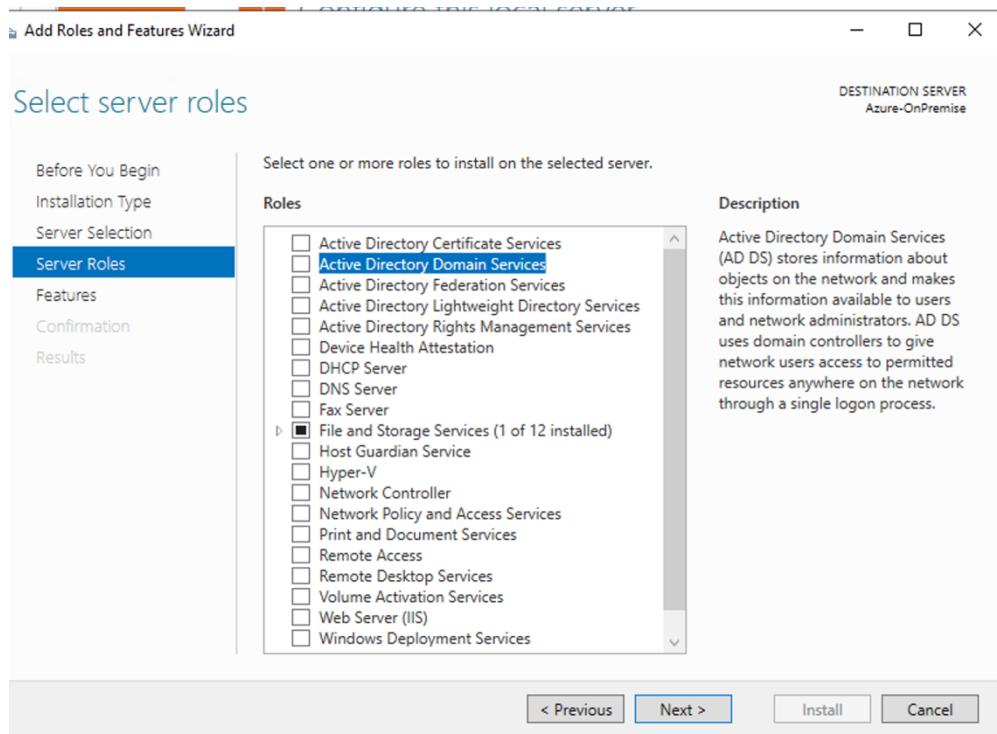
4. Select Role-based or feature-based Installation.



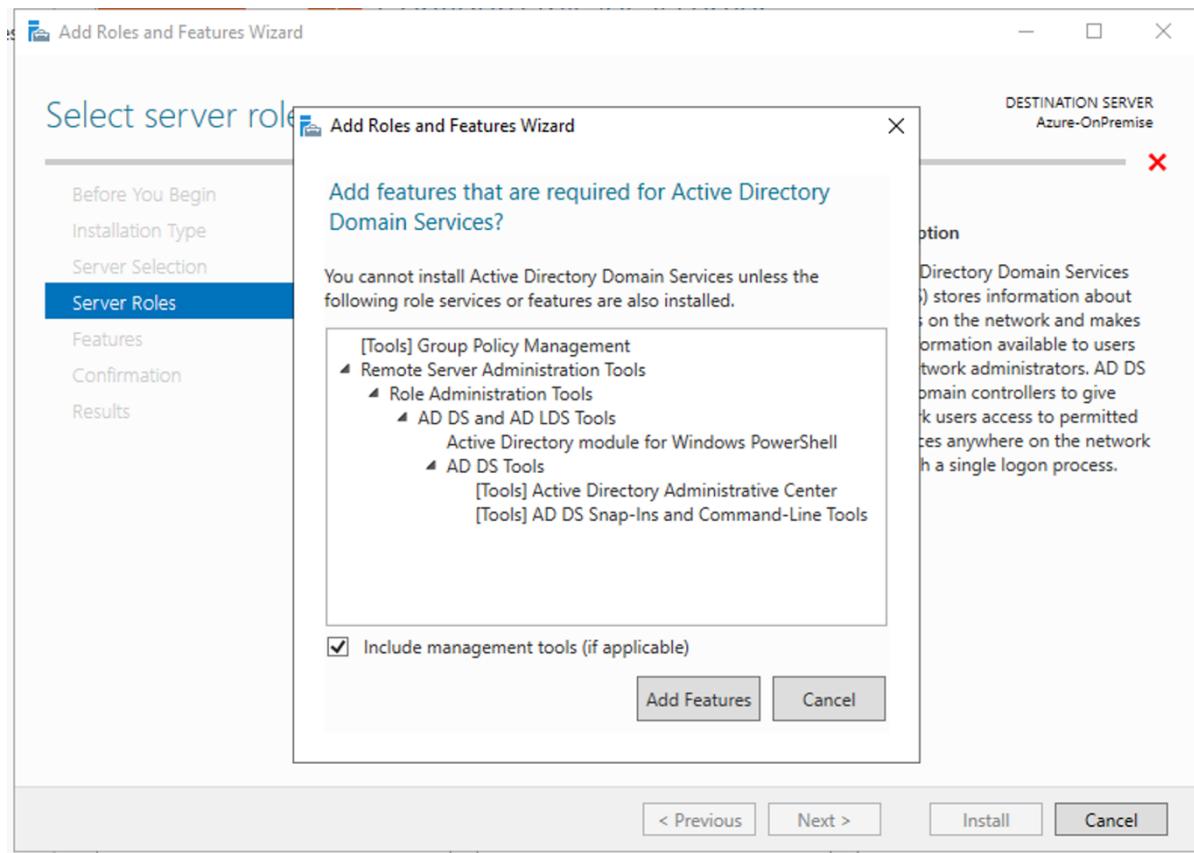
5. Click on next



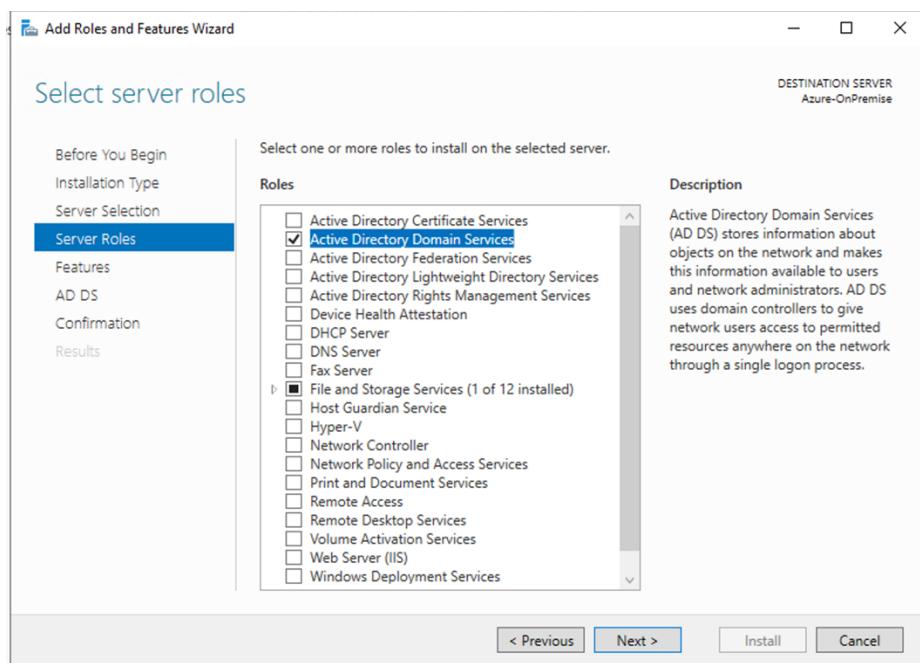
6. Select active Directory domain Services.



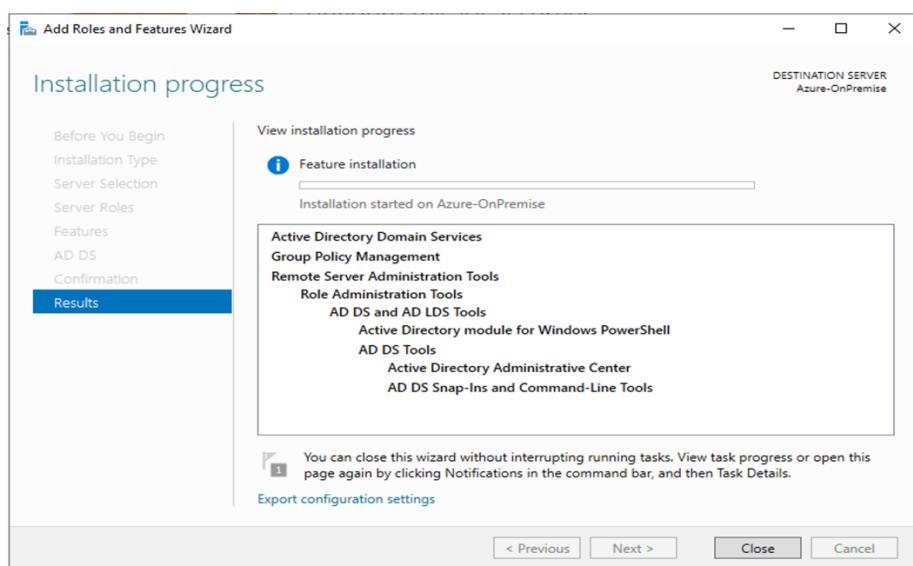
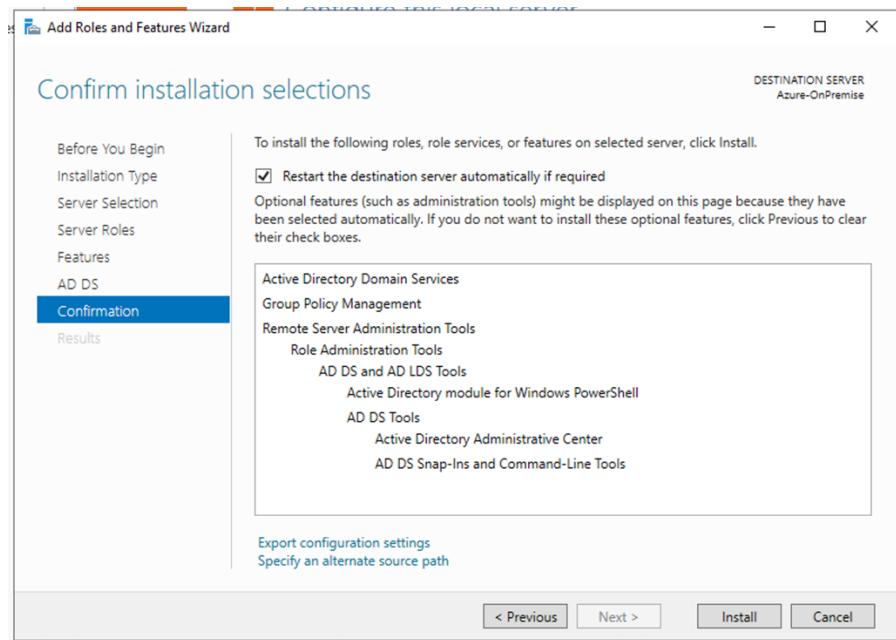
7. Click on Add features.



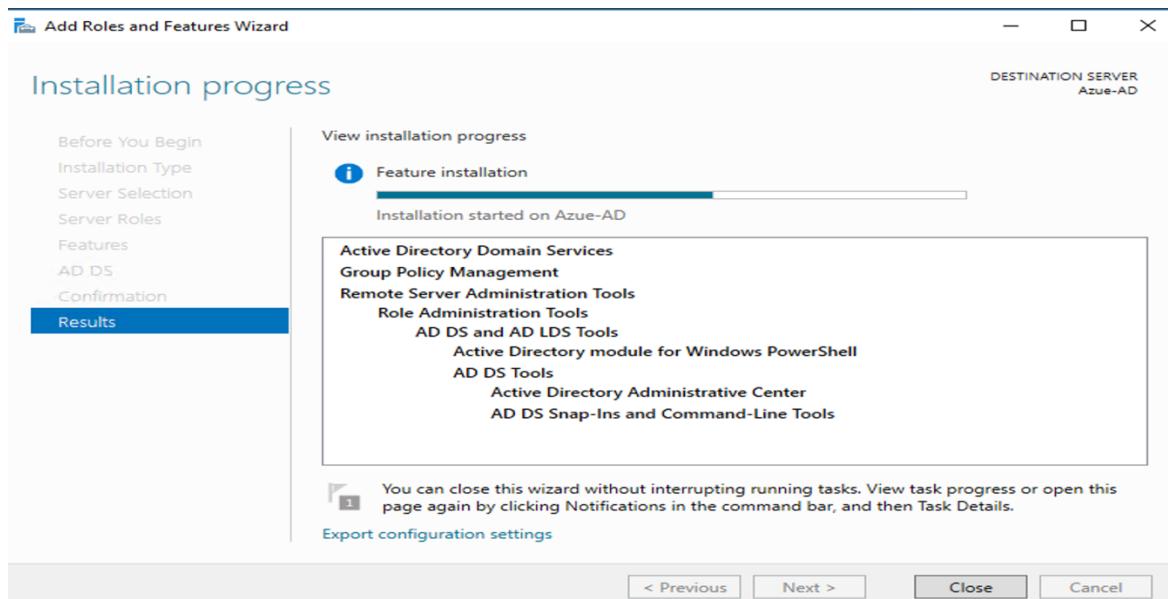
8. Click on Next and Install



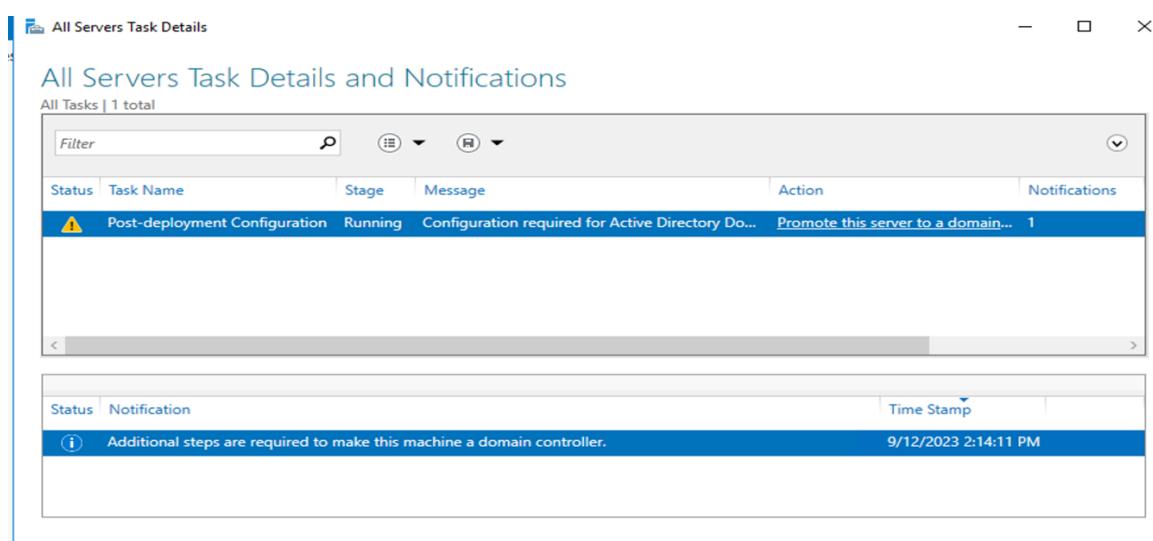
9. Click on Install and verify Installation.



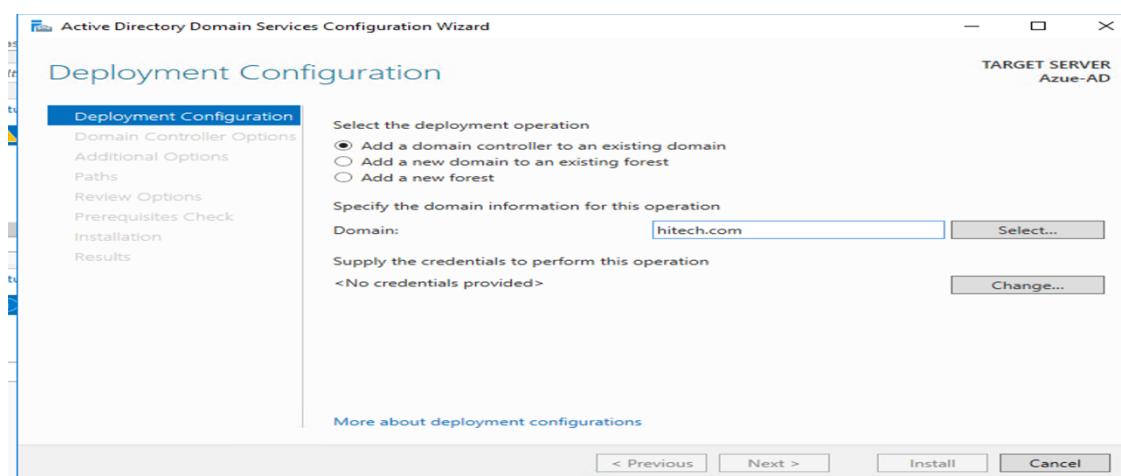
10. Wait till Installation gets completed.



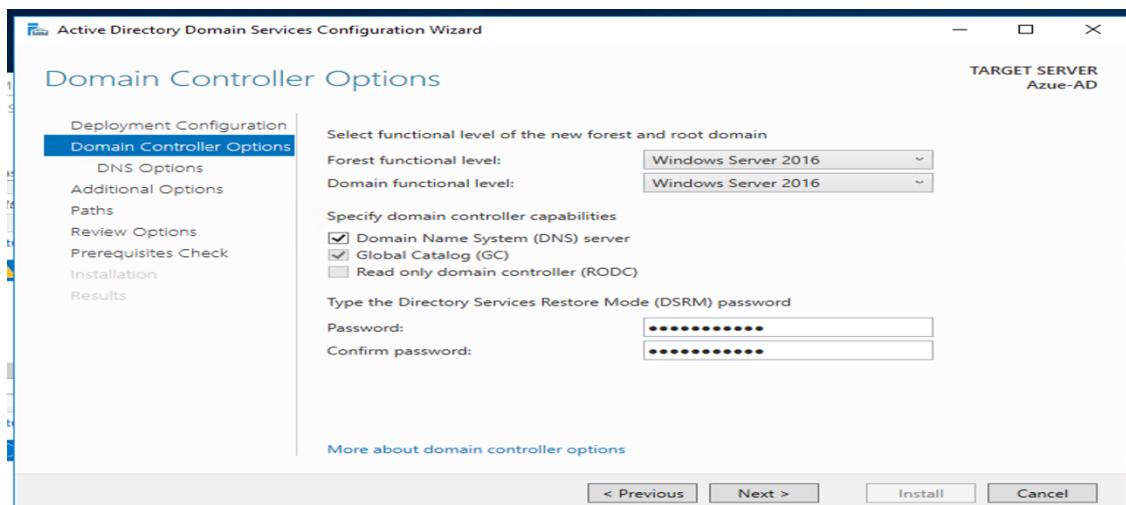
11. Click on Promote to the server.



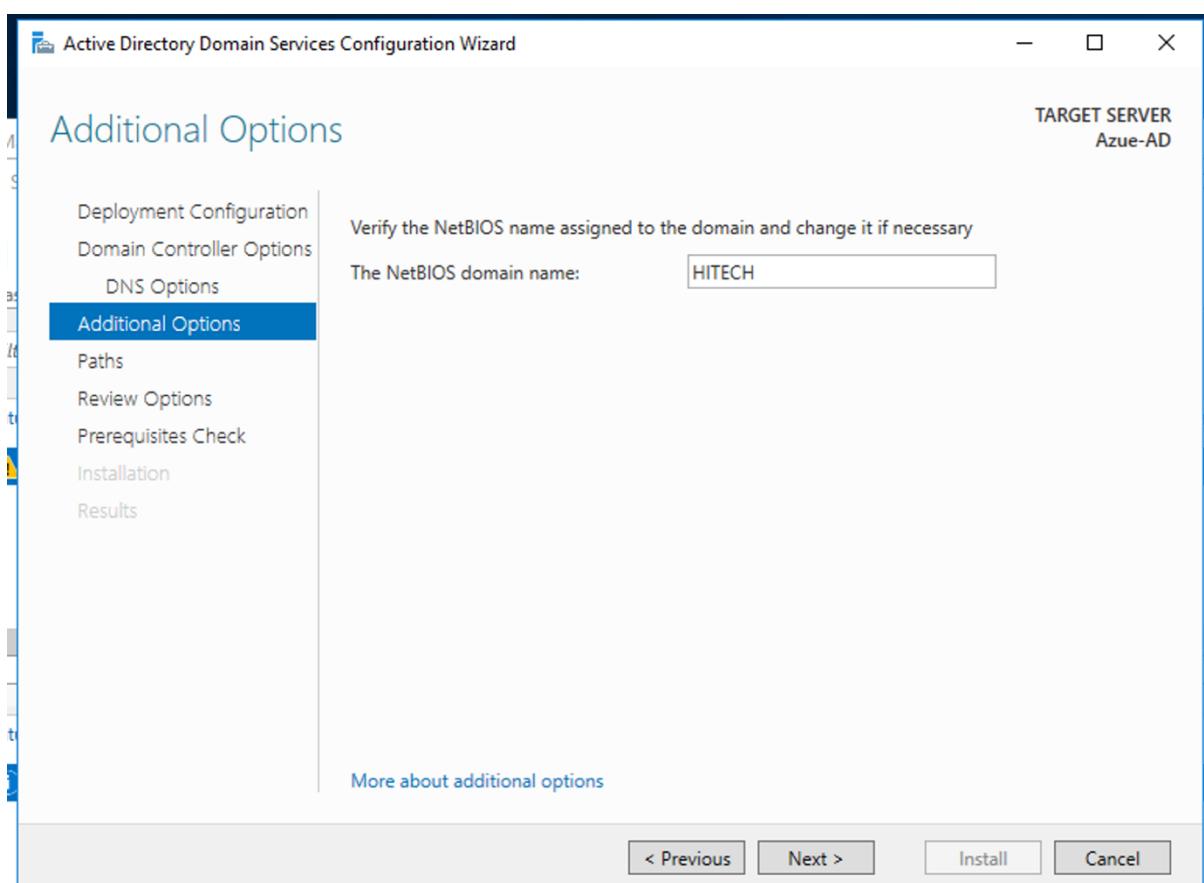
12. Click on Add a new forest and Enter Domain.



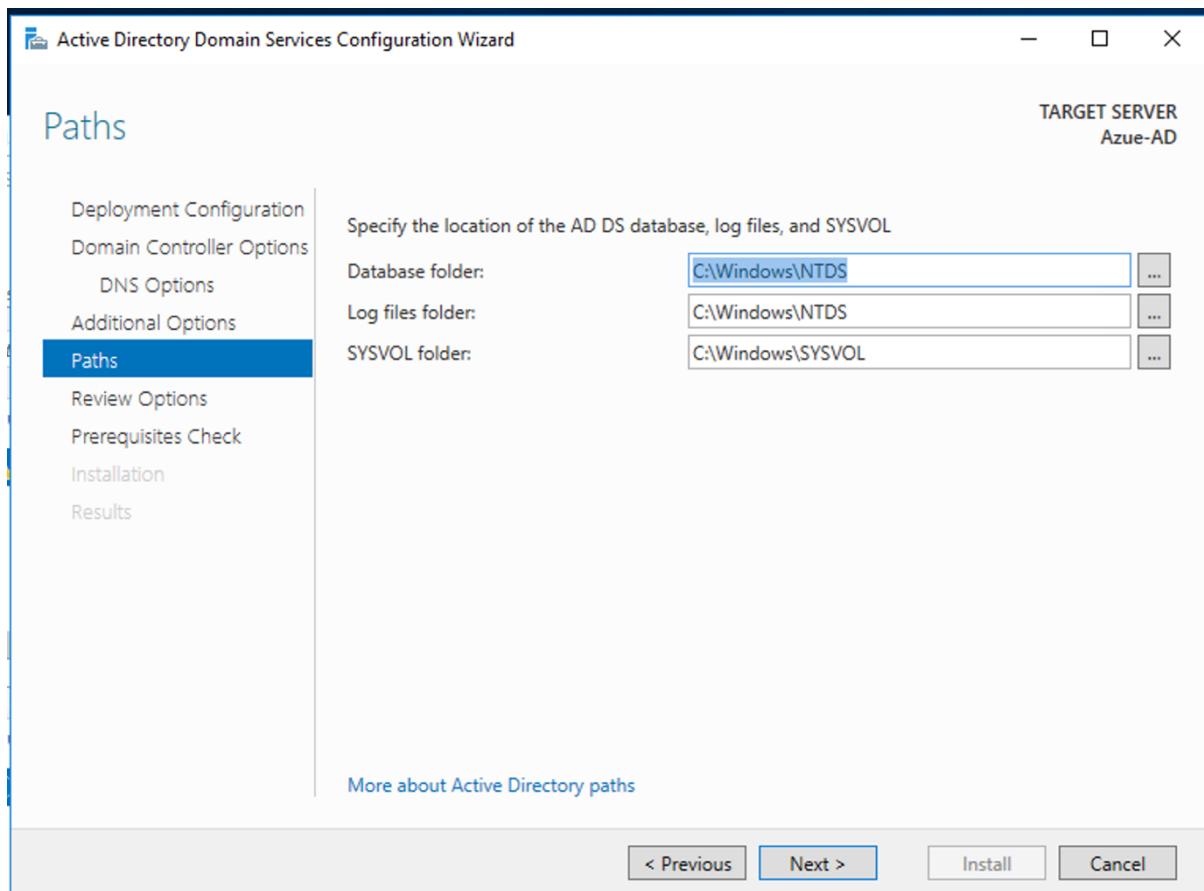
13. Add the password.



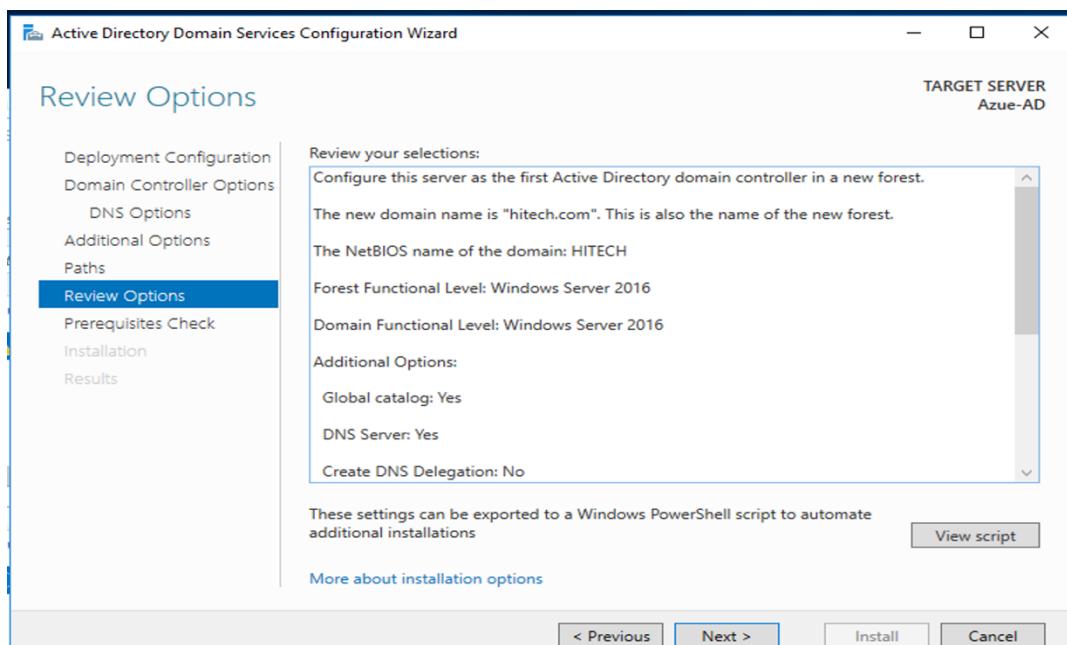
14. Enter the NetBIOS domain Name.



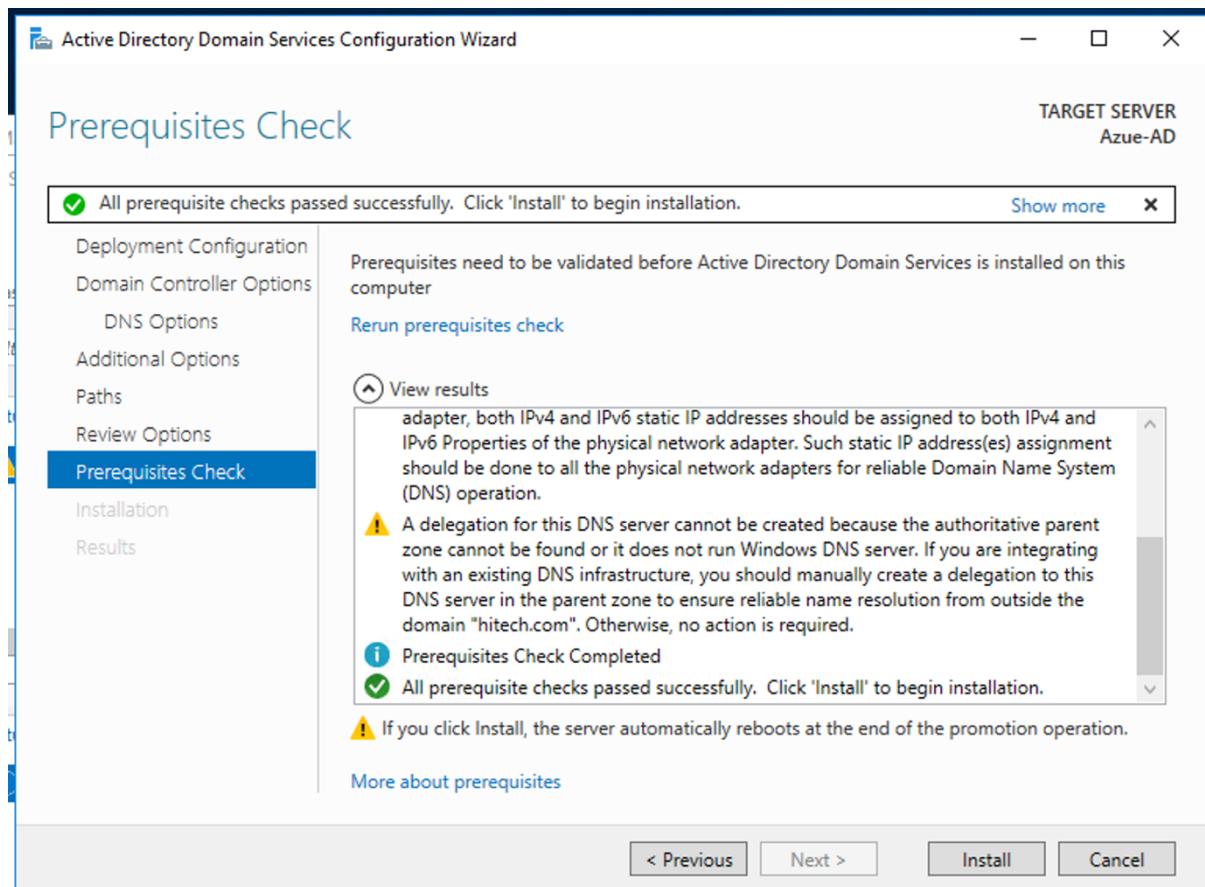
15. Click on Next.



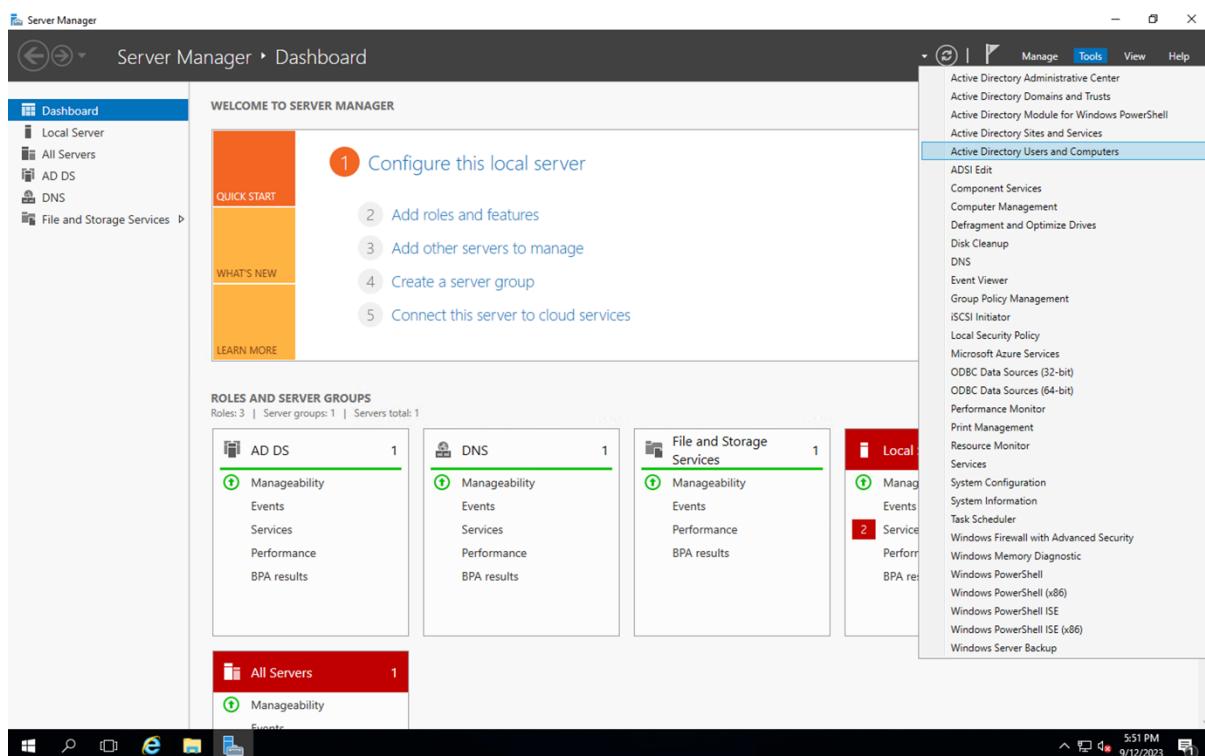
16. Click on Next.



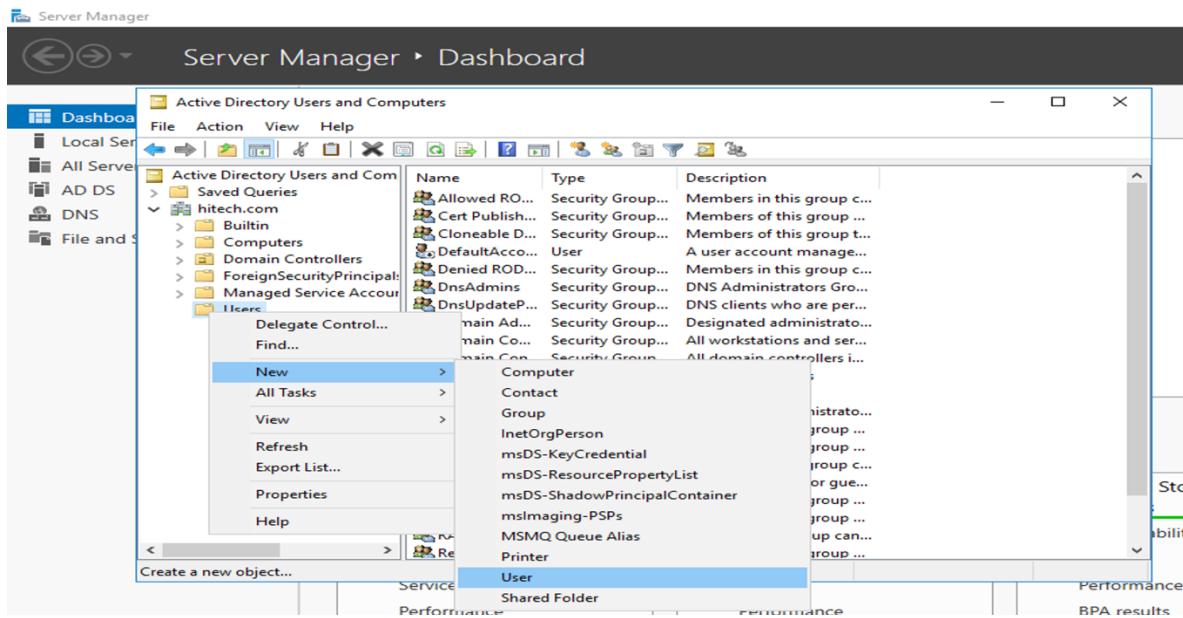
17. Click On install.



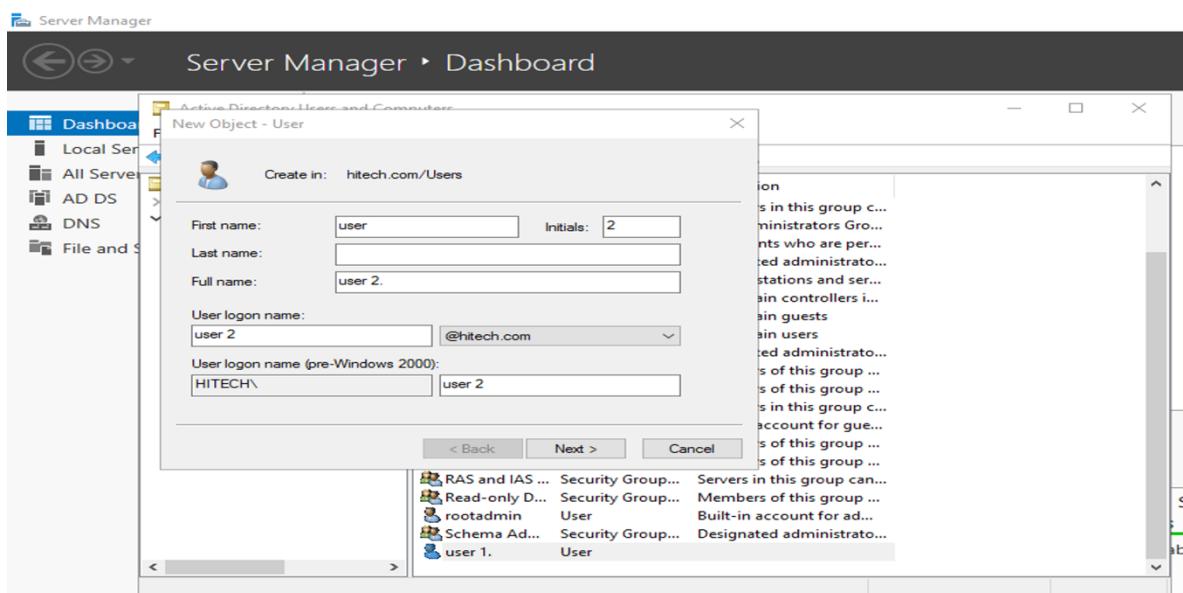
18. Once Installation is complete you can see the AD Users and Computers on left-panel.



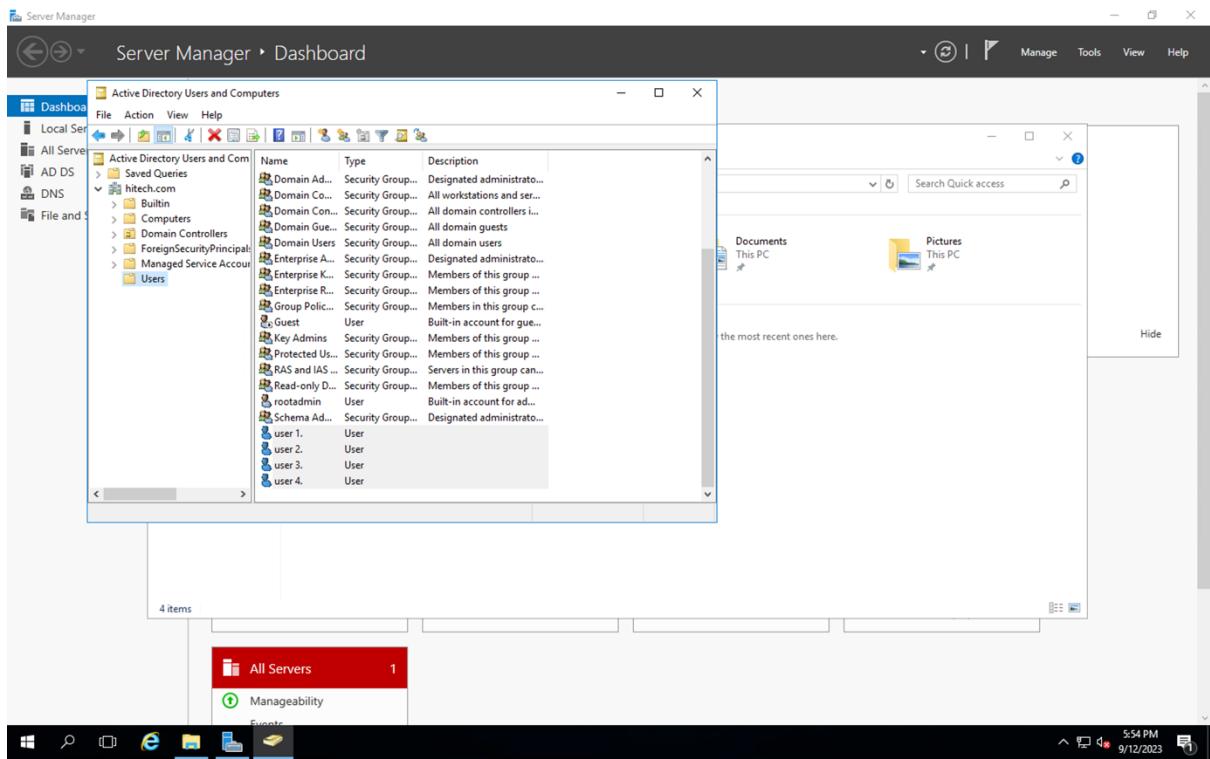
19. Click on User and Create 2-3 Users.



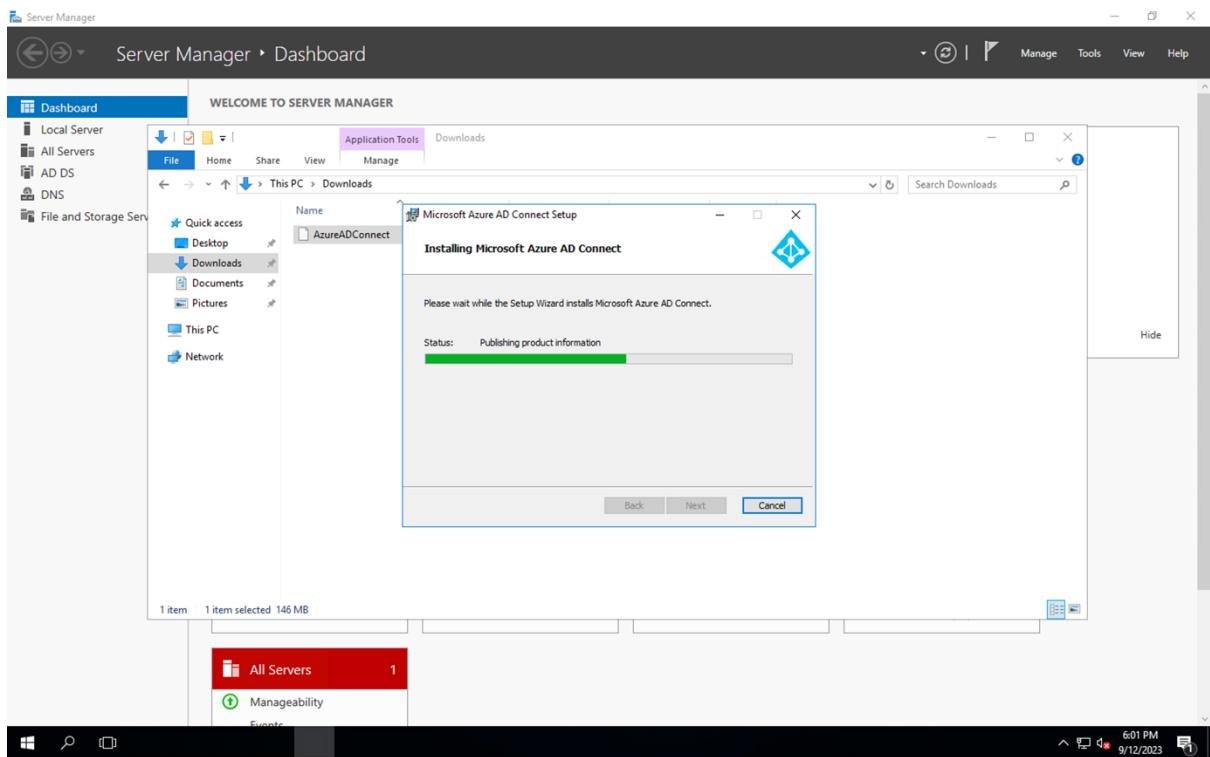
20. Enter first name and Initials.



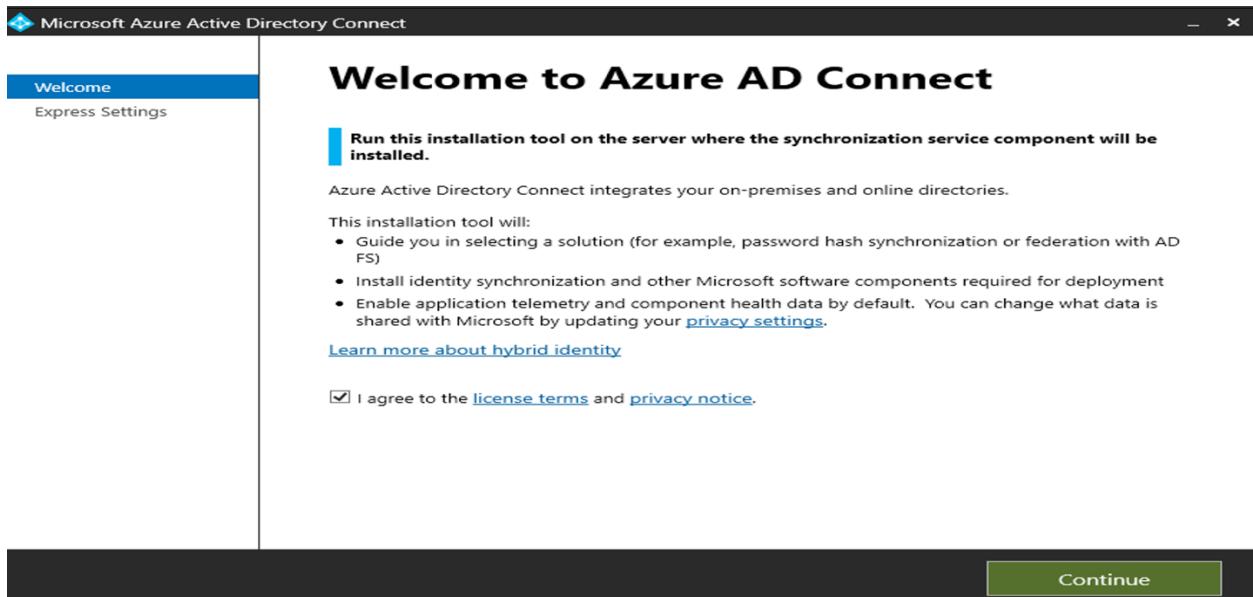
21. 4 Users Created.



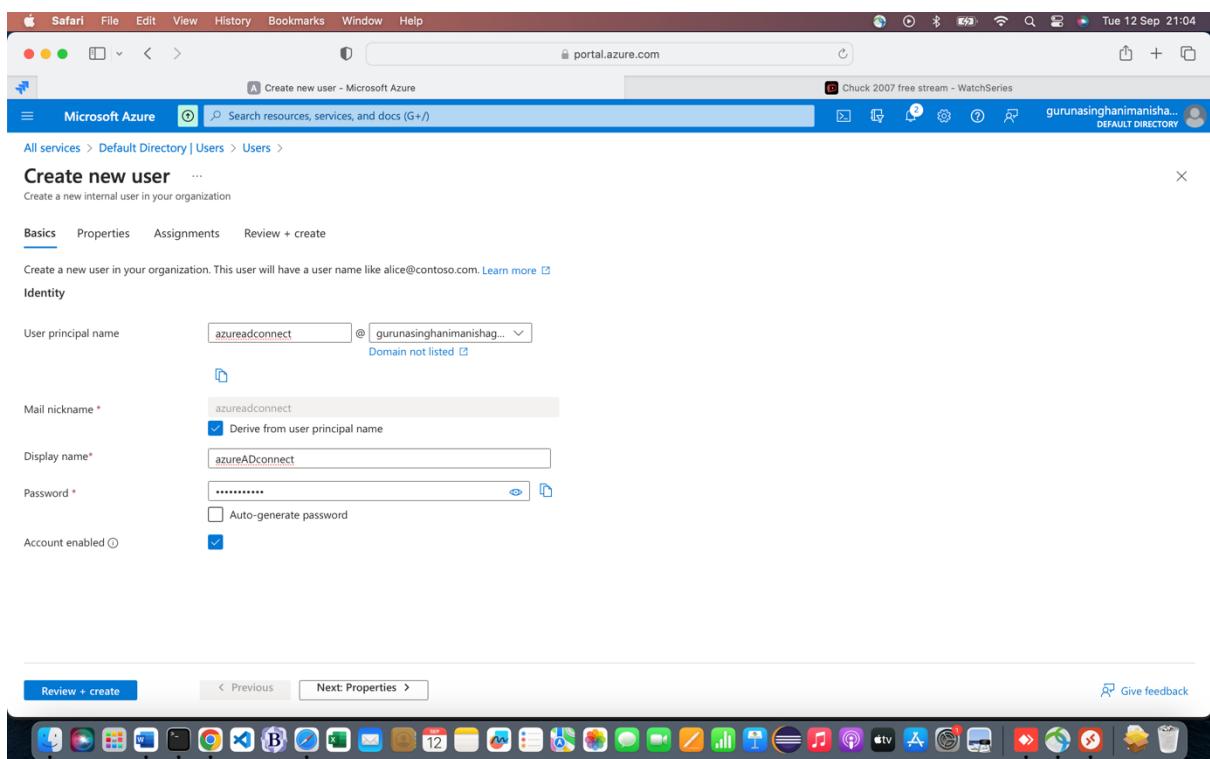
22. Install Azure AD Connect



23. Click on Continue.



24. Go to Microsoft Azure account → Azure active directory → Users and then click on create new user. Create New user.



25. On the Left Pane select Global Administrator.

The screenshot shows the Microsoft Azure portal interface on a Mac OS X desktop. The browser window is titled 'Directory roles - Microsoft Azure'. The URL in the address bar is 'portal.azure.com'. The page content is 'Create new user ...' under 'All services > Default Directory | Users > Users > Create new user'. A sub-header says 'Create a new internal user in your organization'. Below it are tabs: 'Basics', 'Properties', 'Assignments' (which is selected), and 'Review + create'. A note states: 'Make up to 20 group or role assignments. You can only add a user to a maximum of 1 administrative unit.' Below this are buttons for '+ Add administrative unit', '+ Add group', and '+ Add role'. A message 'No assignments to display.' is shown. To the right, a 'Directory roles' section has a search bar 'GLOB' and a table:

Role	Description
<input checked="" type="checkbox"/> Global Administrator	Can manage all aspects of Azure AD and Microsoft services that use Azure AD identities.
<input type="checkbox"/> Global Reader	Can read everything that a Global Administrator can, but not update anything.
<input type="checkbox"/> Global Secure Access Administrator	Create and manage all aspects of Microsoft Entra Internet Access and Microsoft Entra Private Access, including managing access to public and private endpoints.

At the bottom, there are buttons for 'Review + create', '< Previous' and 'Next: Review + create >', and a 'Select' button. The Mac OS X dock is visible at the bottom with various application icons.

26. Set password and Click on create.

The screenshot shows the Microsoft Azure portal interface on a Mac OS X desktop. The browser window is titled 'Create new user - Microsoft Azure'. The URL in the address bar is 'portal.azure.com'. The page content is 'Create new user ...' under 'All services > Default Directory | Users > Users > Create new user'. A sub-header says 'Create a new internal user in your organization'. Below it are tabs: 'Basics', 'Properties', 'Assignments' (which is selected), and 'Review + create' (which is selected). A note states: 'Create a new internal user in your organization'. Below this are sections: 'Basics' (User principal name: 'azureadconnect@gurunasinghanimanishagmail.onmicrosoft.com', Display name: 'azureADconnect', Mail nickname: 'azureadconnect', Password: '*****', Account enabled: 'Yes'); 'Properties' (User type: 'Member'); and 'Assignments' (Administrative units: 'None', Groups: 'None', Roles: 'Global Administrator'). At the bottom, there are buttons for 'Create', '< Previous' and 'Next >', and a 'Give feedback' link. The Mac OS X dock is visible at the bottom with various application icons.

All services > Default Directory | Users >

Users

Search

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

Azure Active Directory is becoming Microsoft Entra ID.

	Display name ↑	User principal name ↓	User type	On-premises sync	Identities	Company name
<input type="checkbox"/>	AZ	azureADconnect	Member	No	gurunasinghanimanishagmail.onmicrosoft.com	
<input type="checkbox"/>	MG	manisha gurunasinghani	Member	No	MicrosoftAccount	

All users | Audit logs | Sign-in logs | Diagnose and solve problems | Manage | Troubleshooting + Support | New support request

27. Now Configure Azure AD connect in on-premises server.

Connect to Azure AD – Add new user credentials created in azure account.

Configure to AD DS – Add virtual machine credentials (consider as on-premises machine)

Server Manager

Microsoft Azure Active Directory Connect

Welcome

Express Settings

Connect to Azure AD

Connect to AD DS

Configure

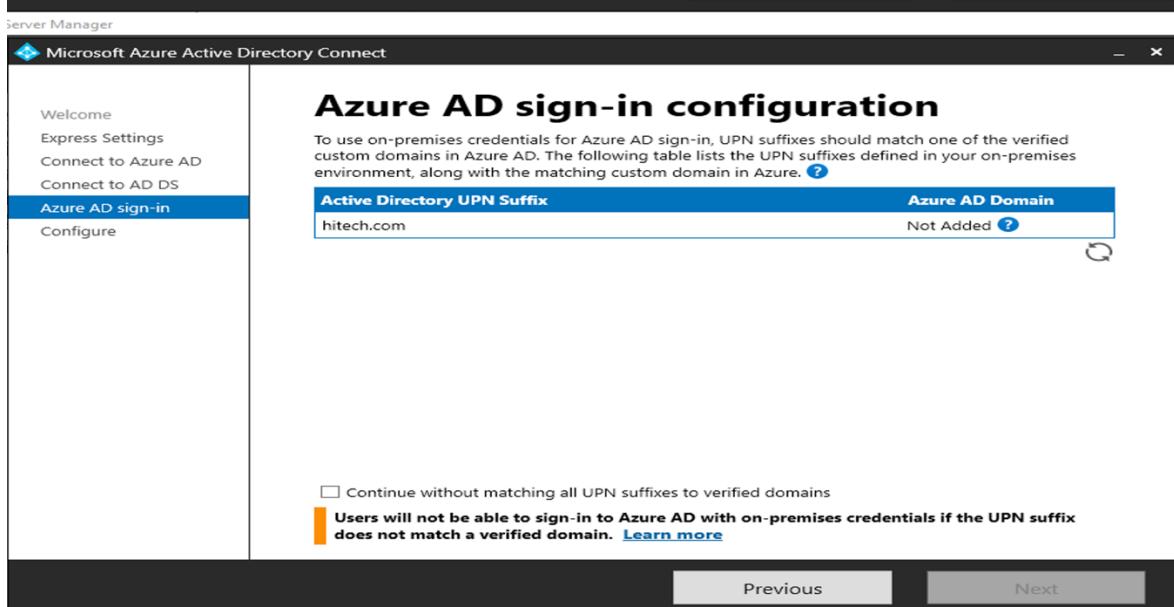
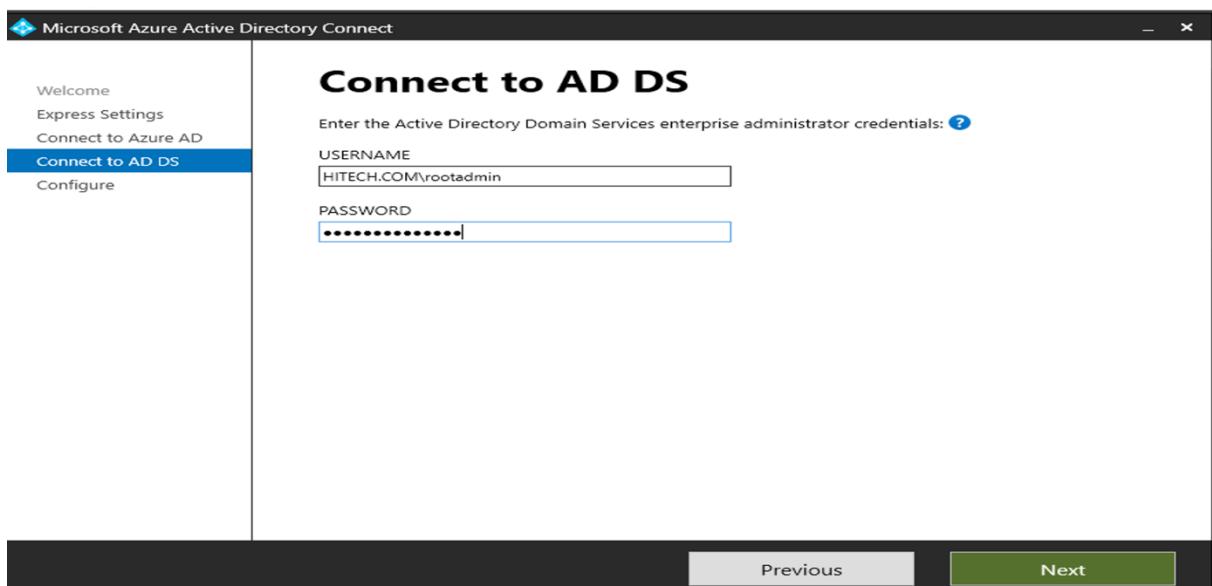
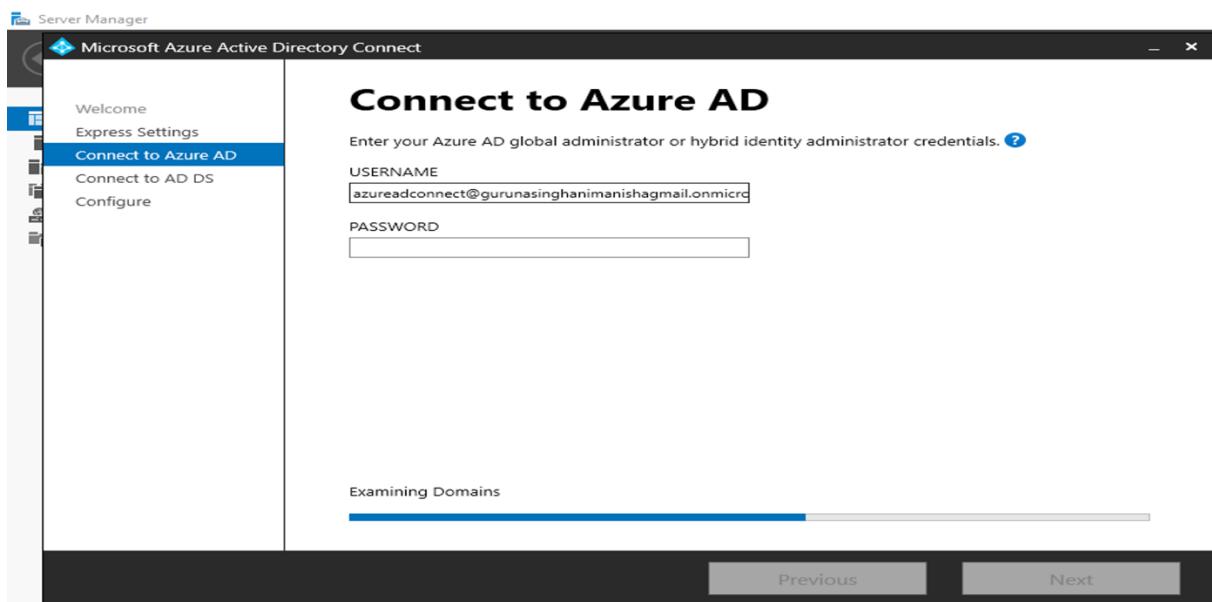
Connect to Azure AD

Enter your Azure AD global administrator or hybrid identity administrator credentials. ?

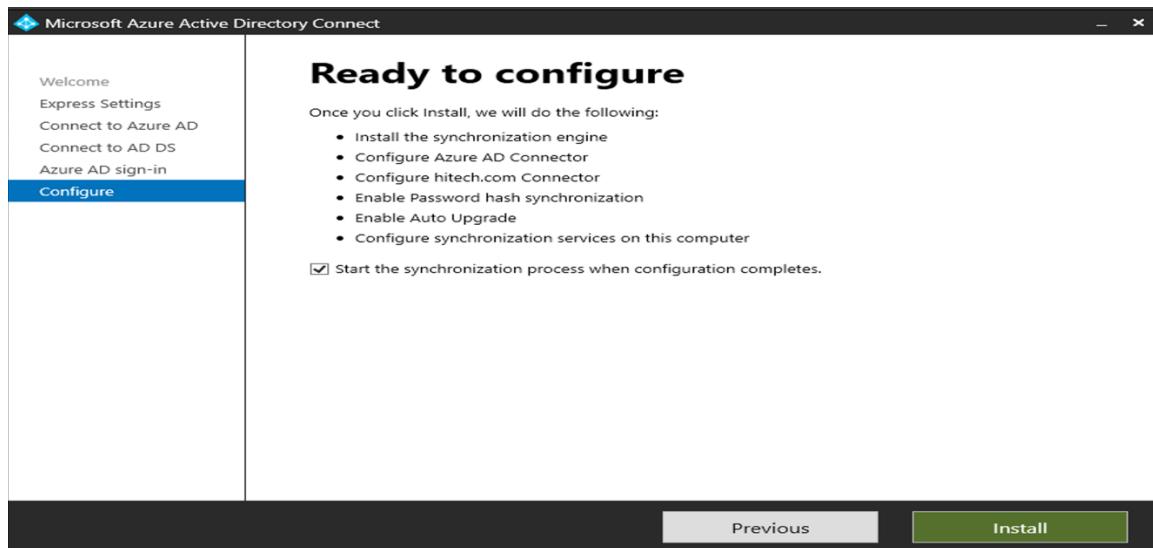
USERNAME
onnect@gurunasinghanimanishagmail.onmicrosoft.com

PASSWORD

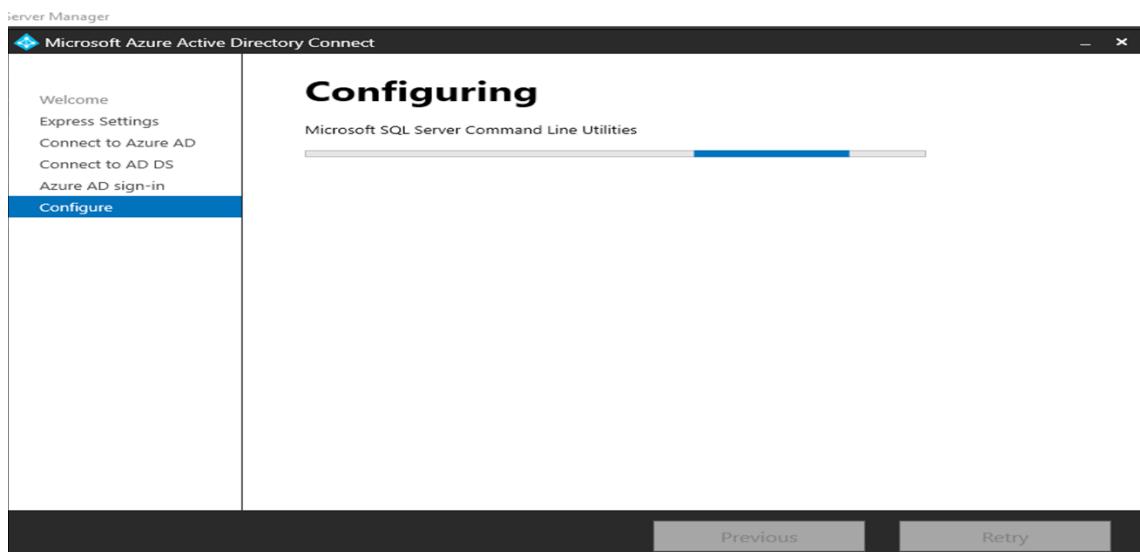
Previous Next



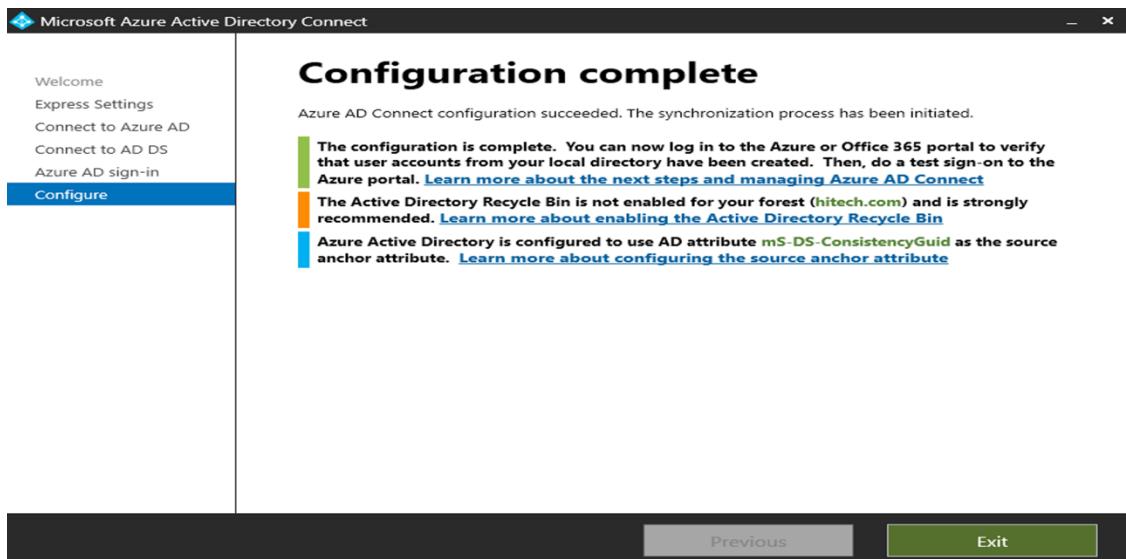
28. Click on Install.



29. Wait Till configuration Continues.



30. Click on Exit.



31. Go to Azure account and refresh the user created in on-premises Virtual machine now synch in Azure AD.

The screenshot shows the Microsoft Azure portal's "Users" page. The URL is "portal.azure.com". The top navigation bar includes "File", "Edit", "View", "History", "Bookmarks", "Window", "Help", and the date "Tue 12 Sep 21:57". The main content area shows a list of users under the heading "All users". A search bar at the top of the list allows filtering by "Display name" and "User principal name". The table lists 7 users found, with columns for "Display name", "User principal name", "User type", "On-premises sync", and "Identities". The users listed are:

Display name	User principal name	User type	On-premises sync	Identities
AZ	azureADconnect@gurunasinghamanishagmail.onmicrosoft.com	Member	No	gurunasinghamanishagmail
MG	manisha.gurunasinghami...@gurunasinghamanishagmail.onmicrosoft.com	Member	No	MicrosoftAccount
OD	Sync_Azure-AD_2e1aea65baa@gurunasinghamanishagmail.onmicrosoft.com	Member	Yes	gurunasinghamanishagmail
U1	user_1@gurunasinghamanishagmail.onmicrosoft.com	Member	Yes	gurunasinghamanishagmail
U2	user_2@gurunasinghamanishagmail.onmicrosoft.com	Member	Yes	gurunasinghamanishagmail
U3	user_3@gurunasinghamanishagmail.onmicrosoft.com	Member	Yes	gurunasinghamanishagmail
U4	user_4@gurunasinghamanishagmail.onmicrosoft.com	Member	Yes	gurunasinghamanishagmail

On the left, a sidebar provides links for "Audit logs", "Sign-in logs", "Diagnose and solve problems", "Manage" (with "Deleted users", "Password reset", "User settings", "Bulk operation results"), "Troubleshooting + Support", and "New support request". The bottom of the screen shows the Mac OS X dock with various application icons.