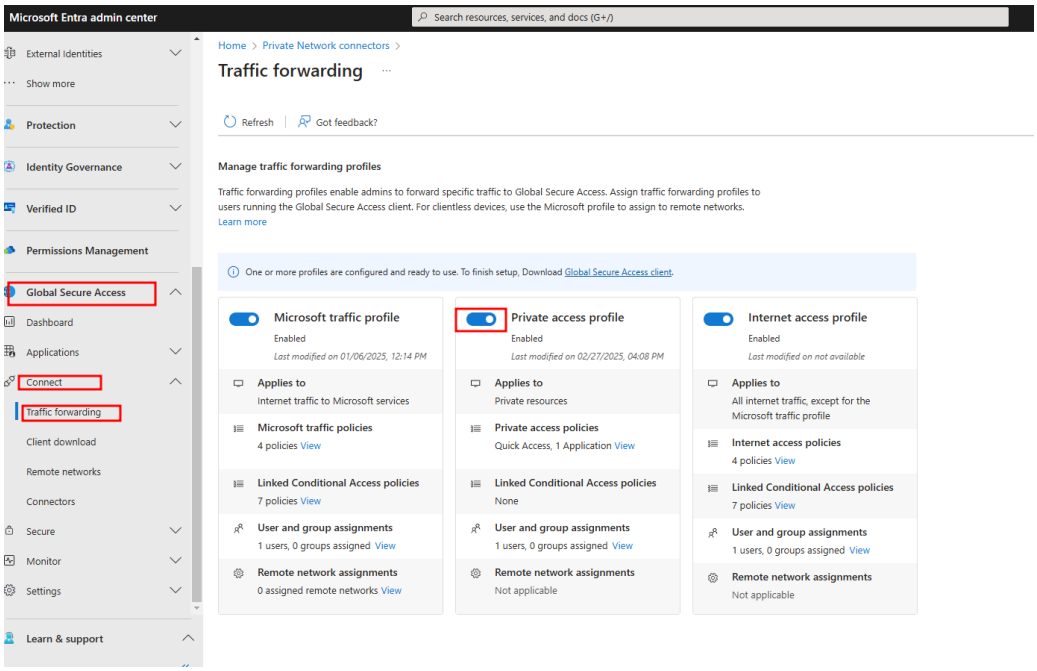
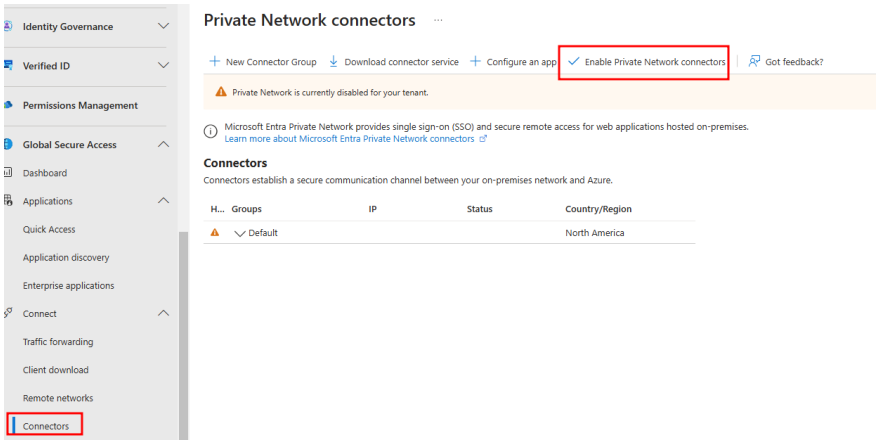
1. Microsoft Entra Private access

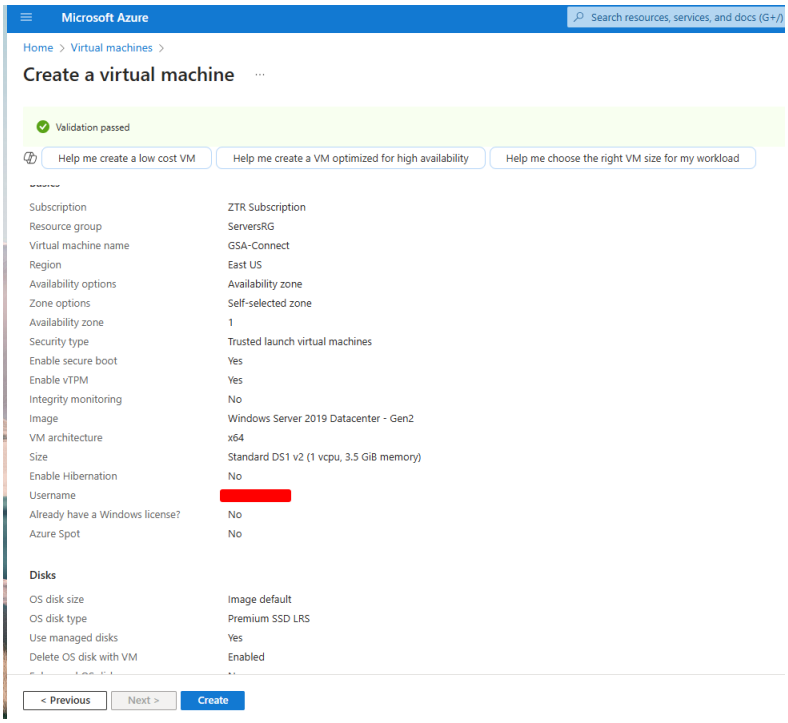
    1. Log in to Microsoft Entra Admin center , go to “Global Security Access”
    2. “Connect > Traffic forwarding ” , turn On private access. Also add user group to User and group assignments.



    3. Then go to “Connector” and “Enable Private Network”

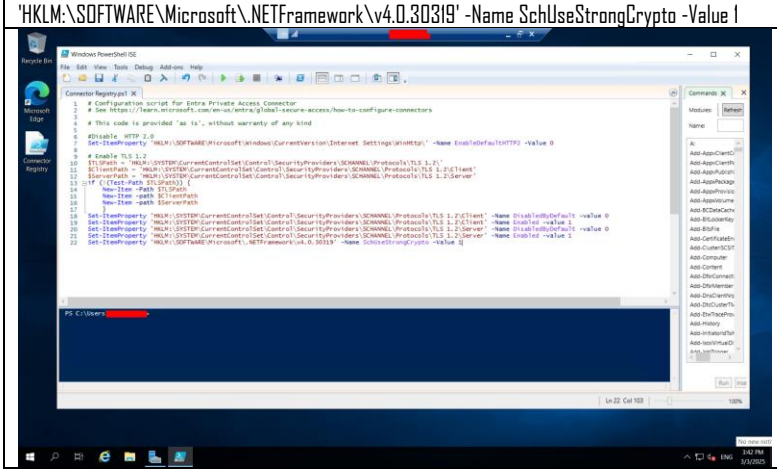


    4. Now Create a VM on azure on same targeted network where all the services is.

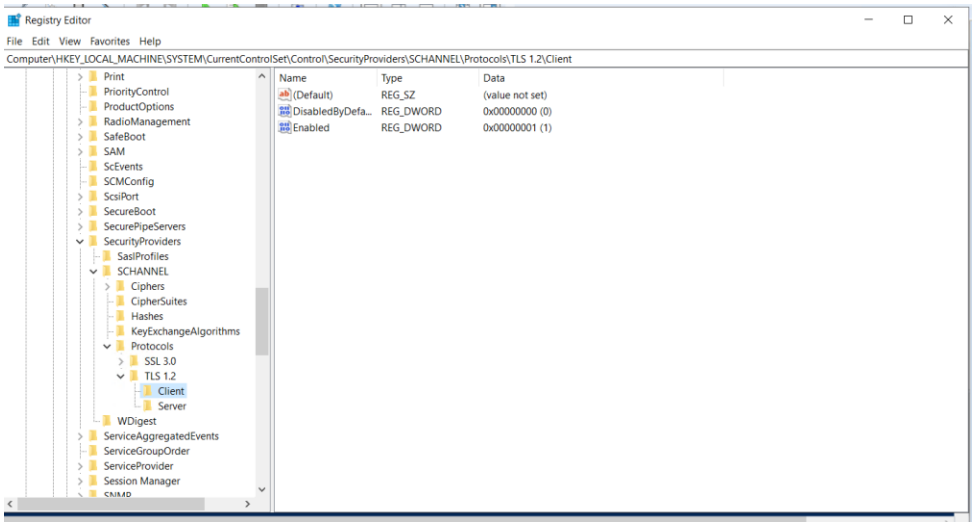


5. Add the sever to domain
6. Now run the following Power shell script for recommended registry update.

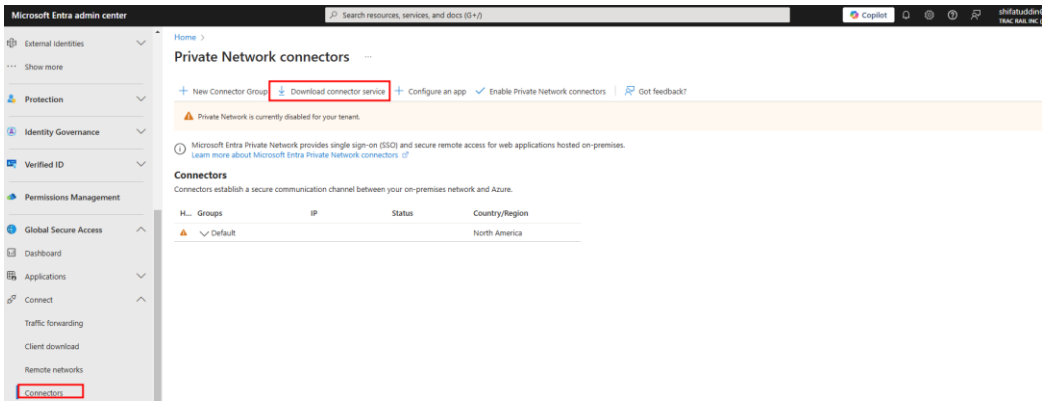
```
# Configuration script for Entra Private Access Connector # See https://learn.microsoft.com/en-us/entra/global-secure-access/how-to-configure-connectors # This code is provided 'as is', without warranty of any kind #Disable HTTP 2.0 Set-ItemProperty 'HKLM:\SOFTWARE\Microsoft\Windows\CurrentVersion\Internet Settings\WinHttp\' -Name EnableDefaultHTTP2 -Value 0 # Enable TLS 1.2 $TLSPath = 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\' $ClientPath = 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Client' $ServerPath = 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Server' if (!(Test-Path $TLSPath)) { New-Item -Path $TLSPath New-Item -path $ClientPath New-Item -path $ServerPath } Set-ItemProperty 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Client' -Name DisabledByDefault -value 0 Set-ItemProperty 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Client' -Name Enabled -value 1 Set-ItemProperty 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Server' -Name DisabledByDefault -value 0 Set-ItemProperty 'HKLM:\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Server' -Name Enabled -value 1 Set-ItemProperty 'HKLM:\SOFTWARE\Microsoft\.NETFramework\v4.0.30319' -Name SchUseStrongCrypto -Value 1
```



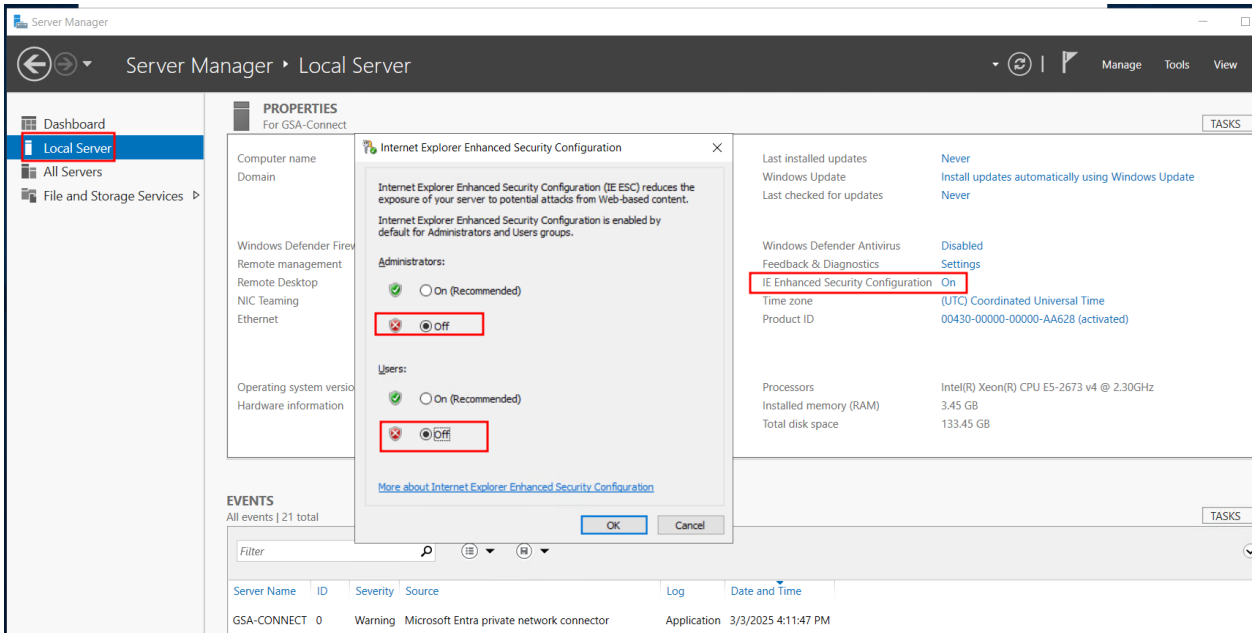
7. Now check the Registry if the changes applied correctly. Then reboot the server.



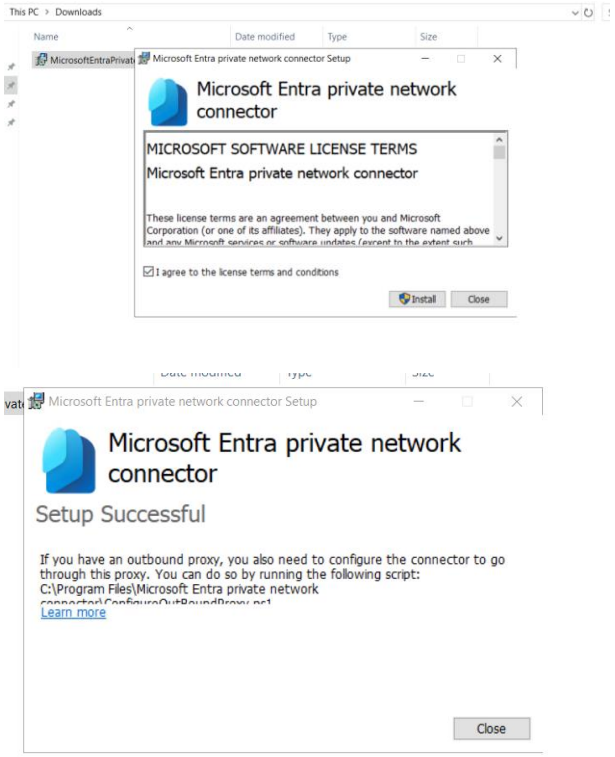
8. Now from Entra admin Center download connector



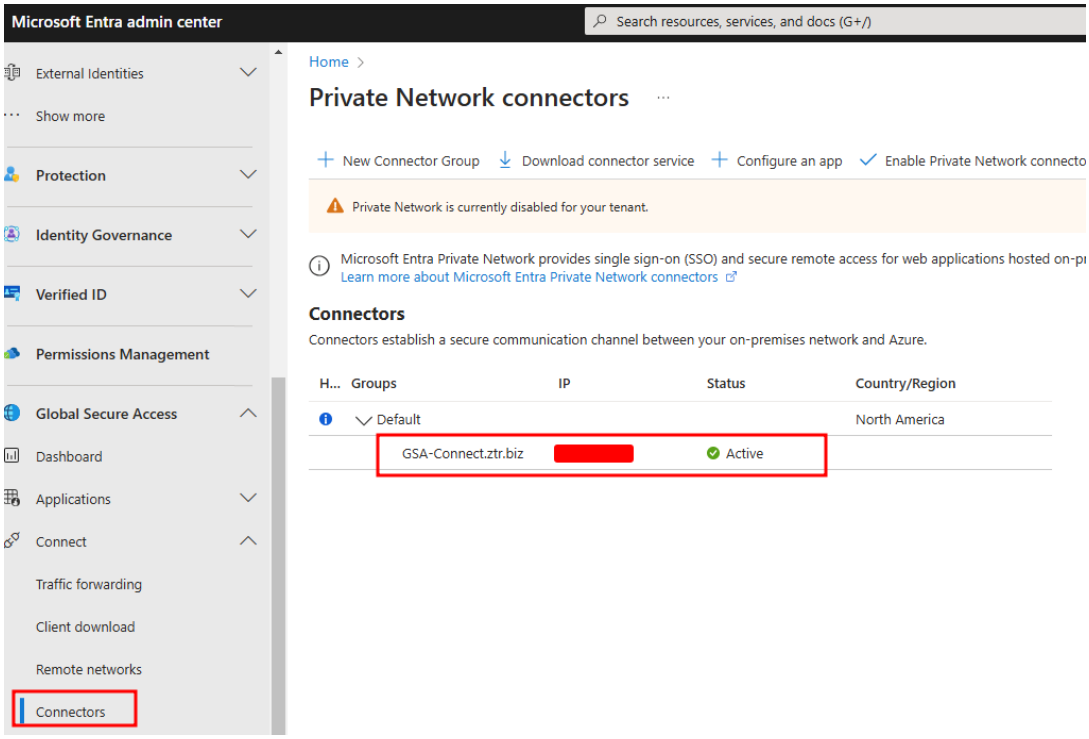
9. Now log in to the Server(Azure VM), Open server manager. Click on “Local server” . turn off IE Enhanced Security Configuration. Turn back on after installation on connector.



10. Install the connector and signin

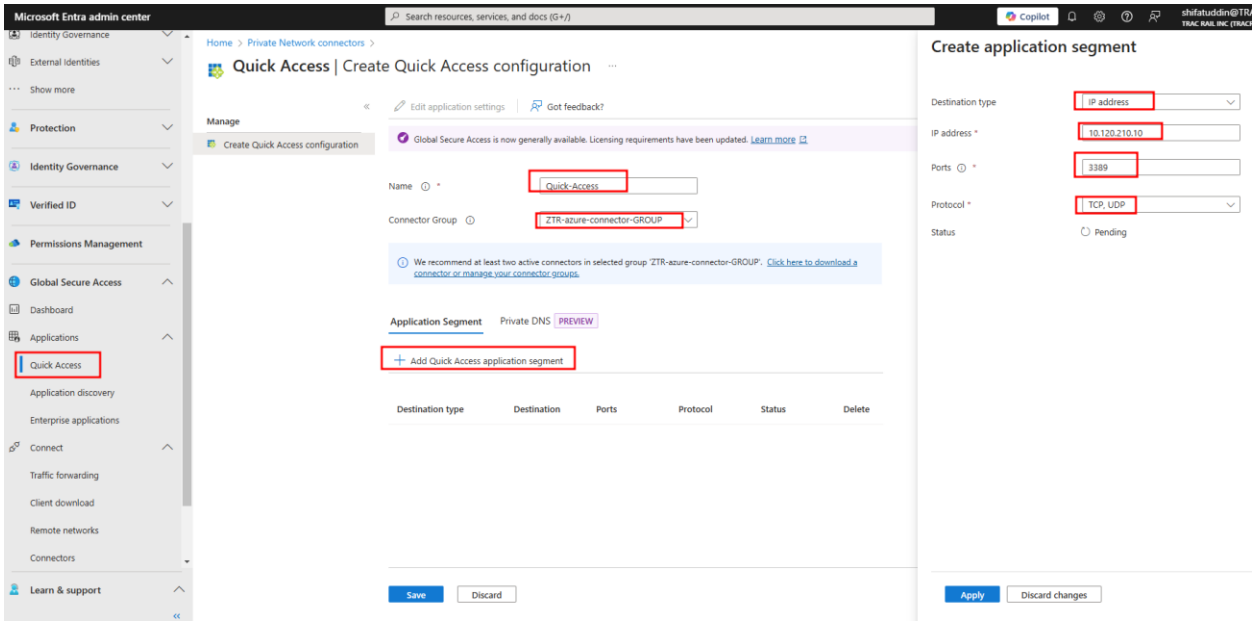


11 . On the Entra Connector section we can see the connector is active

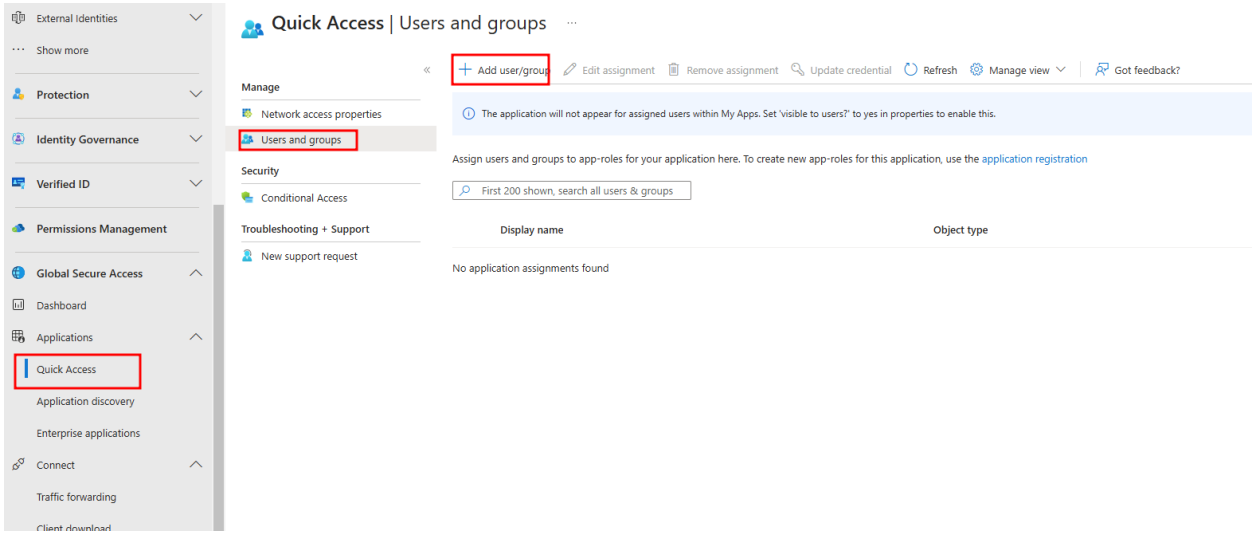


11. Create new connector group and add the Connector also select the region.

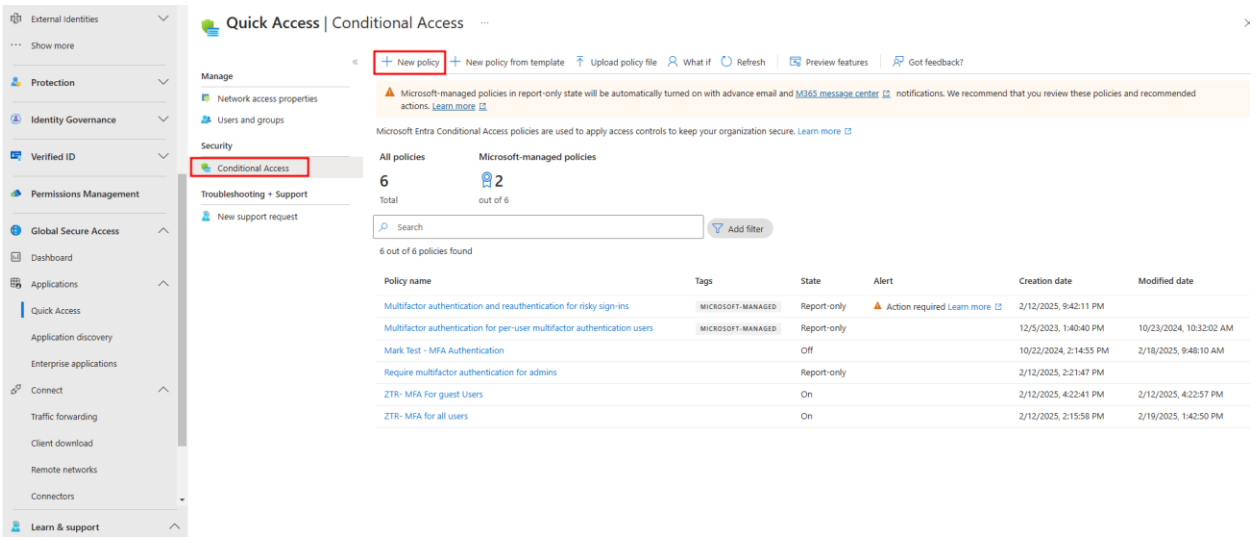
12. Now From the Entra admin center click on Global Secure Access > Applications > Quick Access. Give it a name, Connection group. Also add Endpoint (Vm on same network) to Quick Access Application Segment.



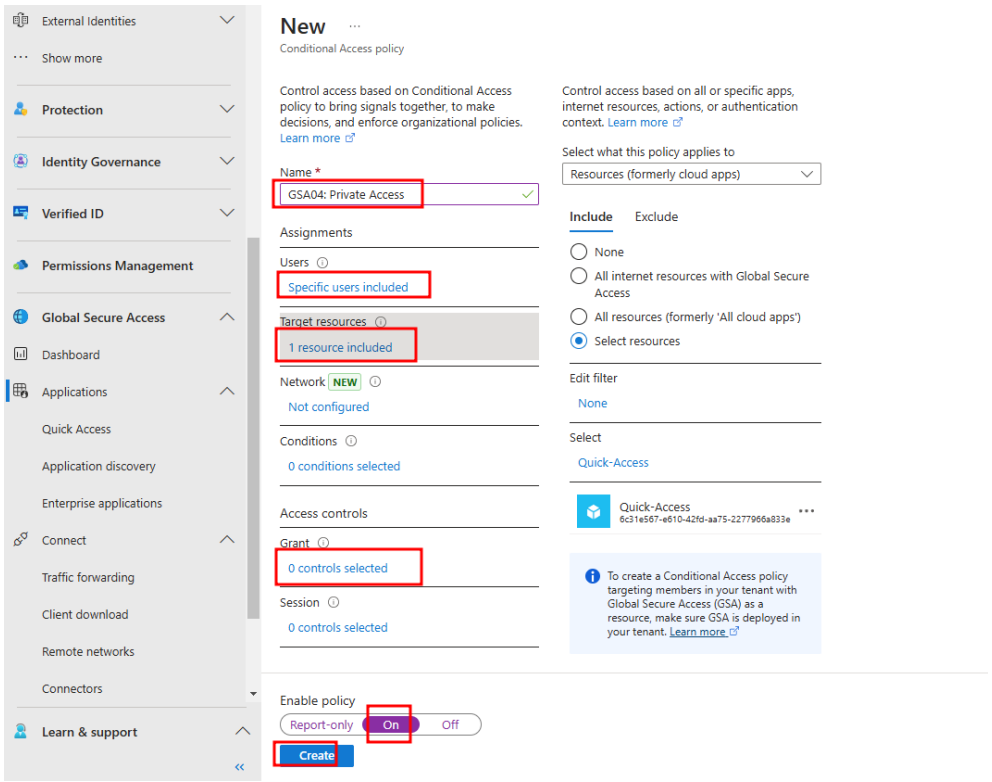
13. Now add users and group



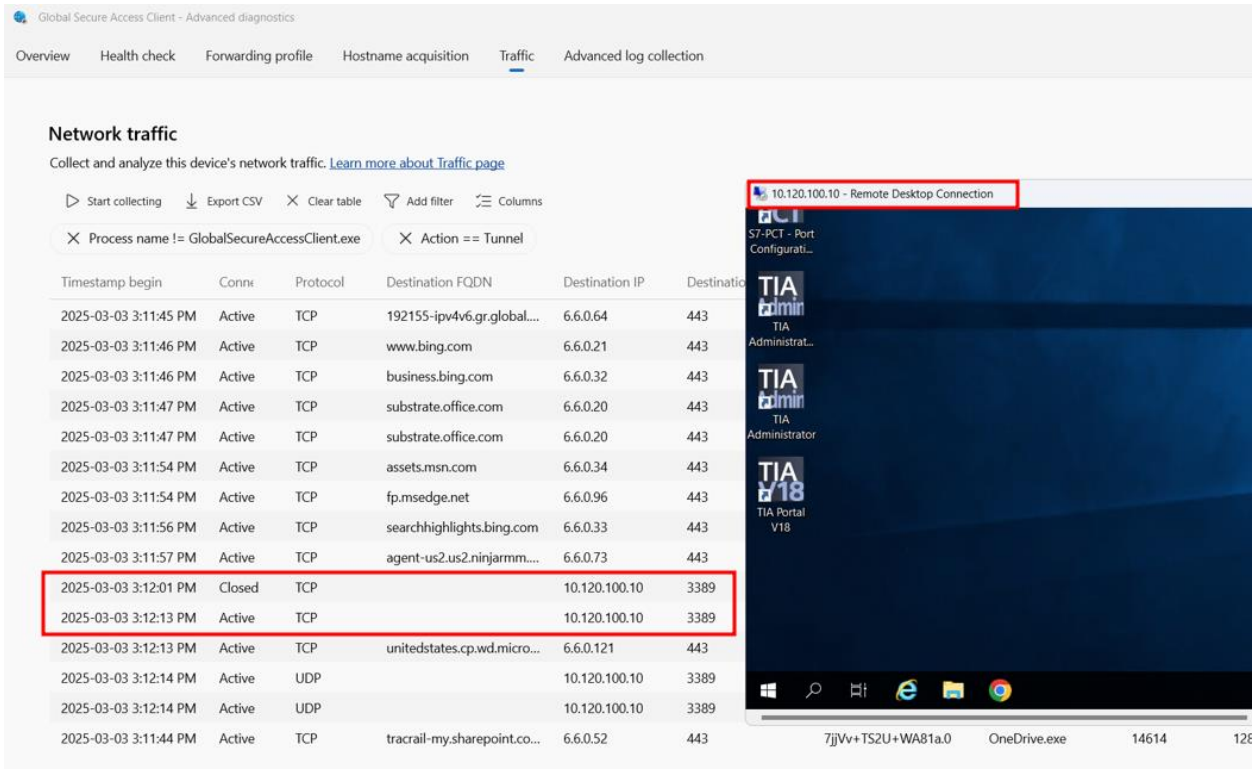
14. Go to Conditional Access and add policy



15. Set user then set Target Resource as Quick-Access



16. Finally you can download GSA client , install and login with a user. The user should avail to access the remote services


Global Secure Access Client - Advanced diagnostics
Overview
Health check
Forwarding profile
Hostname acquisition
Traffic
Advanced log collection
Network traffic
Collect and analyze this device's network traffic. Learn more about Traffic page
Start collecting
Export CSV
Clear table
Add filter
Columns
Process name != GlobalSecureAccessClient.exe
Action == Tunnel
Timestamp begin
Conne
Protocol
Destination FQDN
Destination IP
Destinatio
2025-03-03 3:11:45 PM Active TCP 192155-ipv4v6.gr.global.... 6.6.0.64 443
2025-03-03 3:11:46 PM Active TCP www.bing.com 6.6.0.21 443
2025-03-03 3:11:46 PM Active TCP business.bing.com 6.6.0.32 443
2025-03-03 3:11:47 PM Active TCP substrate.office.com 6.6.0.20 443
2025-03-03 3:11:47 PM Active TCP substrate.office.com 6.6.0.20 443
2025-03-03 3:11:54 PM Active TCP assets.msn.com 6.6.0.34 443
2025-03-03 3:11:54 PM Active TCP fp.msedge.net 6.6.0.96 443
2025-03-03 3:11:56 PM Active TCP searchhighlights.bing.com 6.6.0.33 443
2025-03-03 3:11:57 PM Active TCP agent-us2.us2.ninjarmm.... 6.6.0.73 443
2025-03-03 3:12:01 PM Closed TCP 10.120.100.10 3389
2025-03-03 3:12:13 PM Active TCP 10.120.100.10 3389
2025-03-03 3:12:13 PM Active TCP unitedstates.cp.wd.micro... 6.6.0.121 443
2025-03-03 3:12:14 PM Active UDP 10.120.100.10 3389
2025-03-03 3:12:14 PM Active UDP 10.120.100.10 3389
2025-03-03 3:11:44 PM Active TCP tracrail-my.sharepoint.co... 6.6.0.52 443
10.120.100.10 - Remote Desktop Connection
S7-PCT - Port Configurati...
TIA Administrat...
TIA Administrator
TIA Portal V18
7jjVv+TS2U+WA81a.0
OneDrive.exe
14614