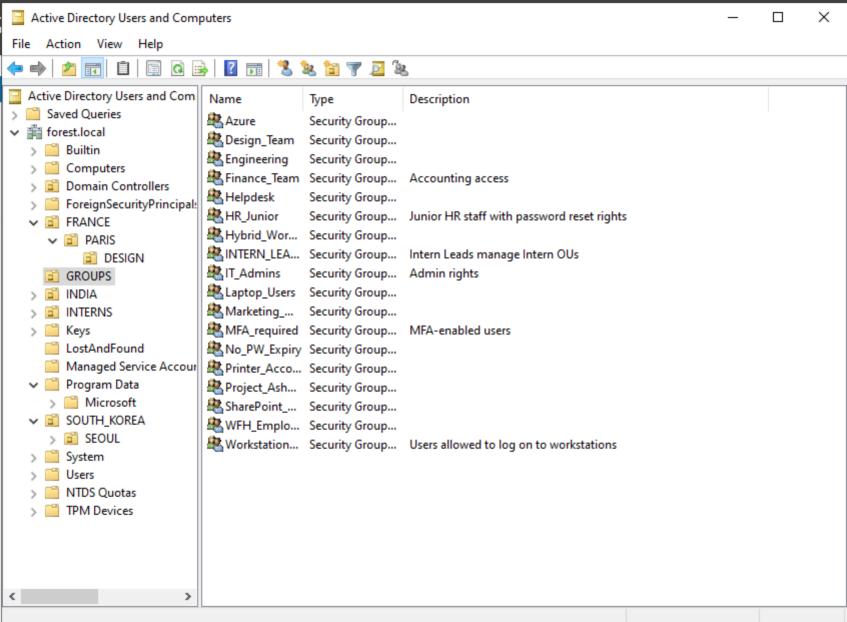
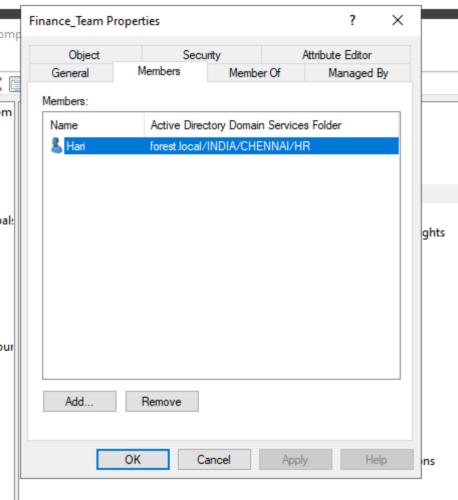
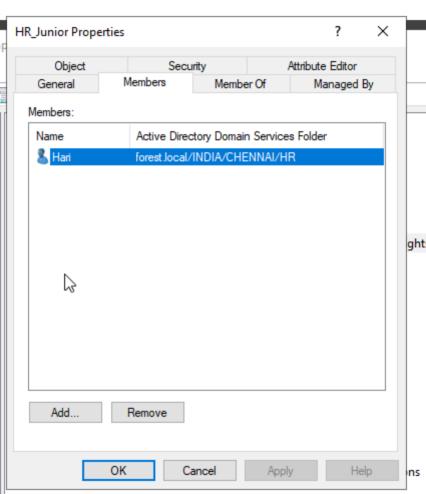
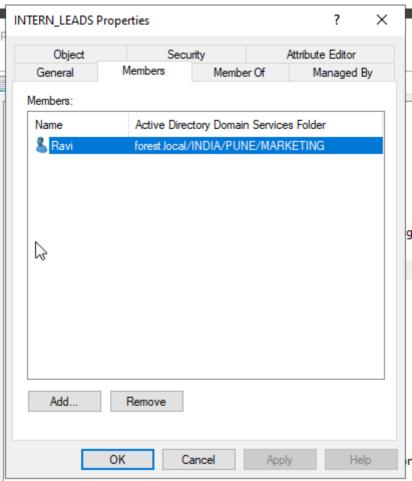


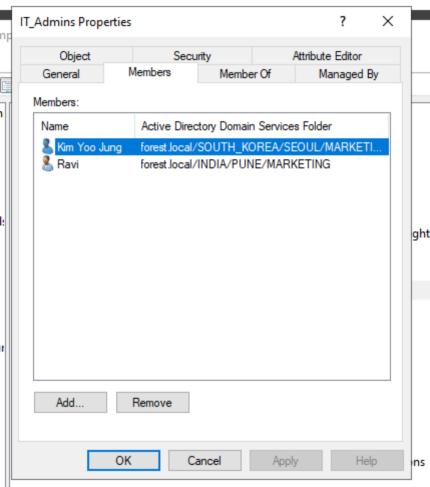
Type here to search

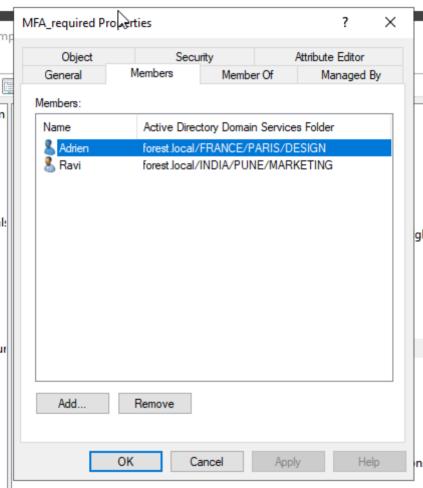




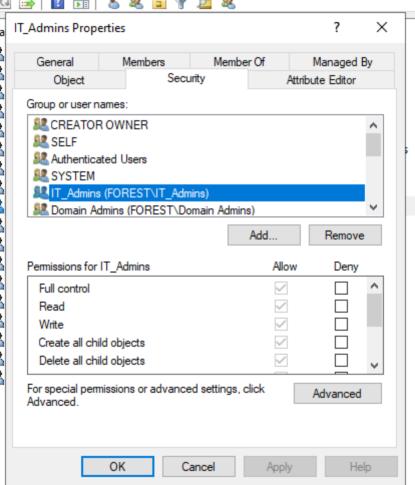


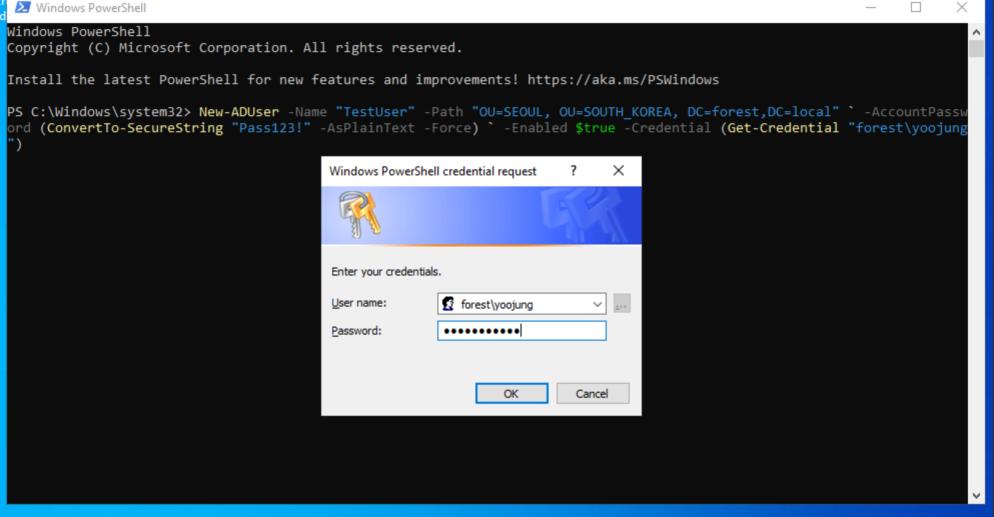






```
Windows PowerShell
                                                                                                                       ×
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Users\voojung> New-ADUser -Name "TestUser3" -Path "OU=SEOUL, OU=SOUTH KOREA, DC=forest, DC=local" ` -AccountPasswo
rd(ConvertTo-SecureString "Pass123!" -AsPlainText -Force) `-Enabled $true -Credential (Get-Credential "forest\yoojung"
New-ADUser : Access is denied
At line:1 char:1
  New-ADUser -Name "TestUser3" -Path "OU=SEOUL, OU=SOUTH KOREA, DC=fore ...
                            : PermissionDenied: (CN=TestUser3,OU...orest, DC=local:String) [New-ADUser], UnauthorizedA
    + CategoryInfo
   ccessException
    + FullyQualifiedErrorId : ActiveDirectoryCmdlet:System.UnauthorizedAccessException,Microsoft.ActiveDirectory.Manag
   ement.Commands.NewADUser
PS C:\Users\yoojung> _
```





```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Windows\system32> New-ADUser -Name "TestUser" -Path "OU=SEOUL, OU=SOUTH KOREA, DC=forest,DC=local" ` -AccountPassw
ord (ConvertTo-SecureString "Pass123!" -AsPlainText -Force) `-Enabled $true -Credential (Get-Credential "forest\voojung
New-ADUser : Either the target name is incorrect or the server has rejected the client credentials.
At line:1 char:1
  New-ADUser -Name "TestUser" -Path "OU=SEOUL, OU=SOUTH KOREA, DC=fores ...
   + CategoryInfo : SecurityError: (:) [New-ADUser], AuthenticationException
   + FullyQualifiedErrorId : ActiveDirectoryCmdlet:System.Security.Authentication.AuthenticationException,Microsoft.A
   ctiveDirectory.Management.Commands.NewADUser
PS C:\Windows\system32> New-ADUser -Name "TestUser" -Path "OU=SEOUL, OU=SOUTH KOREA, DC=forest.DC=local" ` -AccountPassw
ord (ConvertTo-SecureString "Pass123!" -AsPlainText -Force) `-Enabled $true -Credential (Get-Credential "forest\voojung
New-ADUser : Access is denied
At line:1 char:1
  New-ADUser -Name "TestUser" -Path "OU=SEOUL, OU=SOUTH KOREA, DC=fores ...
   + CategoryInfo
                           : PermissionDenied: (CN=TestUser,OU=...forest,DC=local:String) [New-ADUser], UnauthorizedA
  ccessException
   + FullyQualifiedErrorId : ActiveDirectoryCmdlet:System.UnauthorizedAccessException,Microsoft.ActiveDirectory.Manag
   ement.Commands.NewADUser
PS C:\Windows\system32> _
```

Windows PowerShell

```
PS C:\Users\yoojung> NEW-ADUSER -Name "TestUser" -Path $OU ` -AccountPassword (CONVERTTO-SECURESTRING "Pass123!" -ASPLAI
NTEXT -Force) ` -Enabled $true -Credential (Get-Credential "forest\vooiung")
New-ADUser : Cannot validate argument on parameter 'Path'. The argument is null or empty. Provide an argument that is
not null or empty, and then try the command again.
At line:1 char:35
+ NEW-ADUSER -Name "TestUser" -Path $0U ` -AccountPassword (CONVERTTO-S ...,
   + CategoryInfo : InvalidData: (:) [New-ADUser], ParameterBindingValidationException
   + FullyQualifiedErrorId : ParameterArgumentValidationError,Microsoft.ActiveDirectory.Management.Commands.NewADUser
```

```
PS C:\Users\voojung> NEW-ADUSER -Name "TestUser" -Path $OU ` -AccountPassword (CONVERTTO-SECURESTRING "Pass123!" -ASPLAI
NTEXT -Force) ` -Enabled $true -Credential (Get-Credential "forest\yoojung")
New-ADUser : Cannot validate argument on parameter 'Path'. The argument is null or empty. Provide an argument that is
not null or empty, and then try the command again.
At line:1 char:35
+ NEW-ADUSER -Name "TestUser" -Path $OU ` -AccountPassword (CONVERTTO-S ...
  + CategoryInfo : InvalidData: (:) [New-ADUser], ParameterBindingValidationException
   + FullyQualifiedErrorId : ParameterArgumentValidationError,Microsoft.ActiveDirectory.Management.Commands.NewADUser
PS C:\Users\yoojung> $0U = "OU=SEOUL,OU=SOUTH KOREA,DC=forest.DC=local"
PS C:\Users\vooiung> NEW-ADUSER -Name "TestUser" -Path $OU ` -AccountPassword (CONVERTTO-SECURESTRING "Pass123!" -ASPLAI
NTEXT -Force) -Enabled $true -Credential (Get-Credential "forest\yoojung")
NEW-ADUSER : Access is denied
At line:1 char:1
+ NEW-ADUSER -Name "TestUser" -Path $OU ` -AccountPassword (CONVERTTO-S ...
                           : PermissionDenied: (CN=TestUser,OU=...forest,DC=local:String) [New-ADUser], UnauthorizedA
  + CategoryInfo
  ccessException
  + FullyQualifiedErrorId : ActiveDirectoryCmdlet:System.UnauthorizedAccessException,Microsoft.ActiveDirectory.Manag
  ement.Commands.NewADUser
```

The command completed successfully

```
PS C:\Users\yoojung> dsacls $OU /G "IT Admins:CC;user" /I:S
Parameter /G was unexpected.
Displays or modifies permissions (ACLS) of an Active Directory Domain Services (AD DS)
Object
DSACLS object [/I:TSP] [/N] [/P:YN] [/G <group/user>:<perms> [...]]
              [/R <group/user> [...]] [/D <group/user>:<perms> [...]]
              [/S] [/T] [/A] [/resetDefaultDACL] [/resetDefaultSACL]
              [/takeOwnership] [/user:<userName>] [/passwd:<passwd> | *]
              [/simple]
  object
                   Path to the AD DS object for which to display or
                    manipulate the ACLs
  Path is the RFC 1779 format of the name, as in
      CN=John Doe,OU=Software,OU=Engineering,DC=Widget,DC=com
  A specific AD DS can be denoted by prepending \\server[:port]\
  to the object, as in
        \\ADSERVER\CN=John Doe,OU=Software,OU=Engineering,DC=Widget,DC=US
  no options
                   displays the security on the object.
                    Inheritance flags:
   /I
                        T: This object and sub objects
                        S: Sub objects only
                        P: Propagate inheritable permissions one level only.
   /N
                    Replaces the current access on the object, instead of
                    editing it.
  /P
                   Mark the object as protected
                       Y:Yes
                       N:No
```

```
Select Windows PowerShell
                                                                                                                       X
                  option is not used dsacls will bind as the currently
                  logged on user, using SSPI.
/passwd:<passwd> | * Passwd for the user account.
/simple
                  Bind to server using ldap simple bind. Note that the
                  clear text password will be sent over the wire.
 <user/group> should be in the following forms:
              group@domain or domain\group
              user@domain or domain\user
              FODN of the user or group
              A string SID
 <perms> should be in the following form:
      [Permission bits];[Object/Property];[Inherited Object Type]
      Permission bits can have the following values concatenated together:
      Generic Permissions
          GR
                  Generic Read
          GE
                  Generic Execute
          GW
                  Generic Write
          GΑ
                  Generic All
     Specific Permissions
          SD
                  Delete
          DT
                  Delete an object and all of it's children
                  Read security information
          RC
          WD
                  Change security information
          WO
                  Change owner information
          LC
                  List the children of an object
          CC
                  Create child object
          DC
                  Delete a child object
                   For these two permissions, if [Object/Property] is
                   not specified to define a specific child object type,
```

CC

DC

WS

WP

RP

×

Create child object Delete a child object For these two permissions, if [Object/Property] is not specified to define a specific child object type, they apply all types of child objects otherwise they apply to that specific child object type. Write To Self (also known as Validated Write). There

are 3 kinds of validated writes: Self-Membership (bf9679c0-0de6-11d0-a285-00aa003049e2) applied to Group object. It allows updating membership of a group in terms of adding/removing to its own account. Example: (WS; bf9679c0-0de6-11d0-a285-00aa003049e2; AU) applied to group X, allows an Authenticated User to add/remove oneself to/from group X, but not anybody else. Validated-DNS-Host-Name (72e39547-7b18-11d1-adef-00c04fd8d5cd) applied to computer object. It allows updating the DNS host name attribute that is compliant with the computer name & domain name. Validated-SPN (f3a64788-5306-11d1-a9c5-0000f80367c1) applied to computer object: It allows updating the SPN attribute that is compliant to the DNS host name of the computer.

Write property Read property For these two permissions, if [Object/Property] is not specified to define a specific property, they apply to all properties of the object otherwise they apply to that specific property of the object.

CA Control access right For this permission, if [Object/Property] is not specified to define the specific "extended right" for control access, it applies to all control accesses meaningful on the object, otherwise it applies to the specific extended right for that object.

