```
PS C:\Users\Administrator> New-GPO -Name "Account Lockout 3 Attempts" | Set-GPRegistryValue -Key "HKLM\SOFTWARE\Microsof
t\Windows\CurrentVersion\Policies\System" -ValueName "LockoutBadCount" -Type DWord -Value 3
DisplayName
                : Account Lockout 3 Attempts
DomainName
                : forest.local
Dwner
                : FOREST\Domain Admins
Ιd
                : 3accdade-2d23-43e3-b849-deb8add245e1
GpoStatus
                : AllSettingsEnabled
Description
CreationTime
                : 6/18/2025 6:02:55 PM
ModificationTime : 6/18/2025 6:02:55 PM
                : AD Version: 0, SysVol Version: 0
UserVersion
ComputerVersion : AD Version: 1, SysVol Version: 1
MmiFilter
```

```
PS C:\Users\Administrator> New-GPO -Name "Restrict Interns" | Set-GPRegistryValue -Kev "HKLM\SOFTWARE\Microsoft\Windows\
CurrentVersion\Policies\System" -ValueName "EnableLUA" -Type DWord -Value 1
DisplayName
                : Restrict Interns
DomainName
                : forest.local
                : FOREST\Domain Admins
Owner
Id
                : 71e55c6a-4470-4240-887a-eea58afcdc1d
GpoStatus
                 : AllSettingsEnabled
Description
CreationTime
                : 6/18/2025 6:04:57 PM
ModificationTime : 6/18/2025 6:04:58 PM
UserVersion
                : AD Version: 0, SysVol Version: 0
ComputerVersion : AD Version: 1, SysVol Version: 1
WmiFilter
```

```
PS C:\Users\Administrator> New-ADOrganizationalUnit -Name "INTERNS" -Path "DC=forest, DC=local"
PS C:\Users\Administrator> Get-ADOrganizationalUnit -Filter 'Name -eq "GROUPS"'
Citv
Country
DistinguishedName
                         : OU=GROUPS,DC=forest,DC=local
LinkedGroupPolicyObjects : {}
ManagedBy
                         : GROUPS
Name
ObjectClass
                         : organizationalUnit
                         : cdafc17a-28c5-4705-8266-bbc95779a6b7
ObjectGUID
PostalCode
State
StreetAddress
PS C:\Users\Administrator> Get-ADOrganizationalUnit -Filter 'Name -eq "INTERNS"'
City
Country
DistinguishedName
                         : OU=INTERNS.DC=forest.DC=local
LinkedGroupPolicyObjects : {}
ManagedBy
Name
                         : INTERNS
ObjectClass
                        : organizationalUnit
ObjectGUID
                         : 39958ae4-cf1d-44c3-b518-f686e68b4d7b
PostalCode
State
StreetAddress
```

```
PS C:\Users\Administrator> #Linking Password Policy to Domain root
PS C:\Users\Administrator> New-GPLink -Name "Enforce Strong Passwords" -Target "DC=forest, DC=local" -LinkEnabled Yes
GpoId
            : acd558c6-a879-4957-be81-98763339ed76
DisplayName : Enforce Strong Passwords
Enabled
            : True
Enforced
            : False
            : DC=forest.DC=local
Target
Order
            : 2
```

```
PS C:\Users\Administrator> #Linking Password Policy to Domain root
PS C:\Users\Administrator> New-GPLink -Name "Enforce Strong Passwords" -Target "DC=forest, DC=local" -LinkEnabled Yes
GpoId
            : acd558c6-a879-4957-be81-98763339ed76
DisplayName : Enforce Strong Passwords
Enabled
            : True
Enforced
           : False
Target : DC=forest,<u>DC=local</u>
Order
         : 2
PS C:\Users\Administrator> #Linking Intern Restrictions to Interns OU
PS C:\Users\Administrator> New-GPLink -Name "Restrict Interns" -Target "OU=Interns, DC=forest, DC=local" -LinkEnabled Ye
s -Enforced Yes
GpoId
            : 71e55c6a-4470-4240-887a-eea58afcdc1d
DisplayName : Restrict Interns
Enabled
            : True
Enforced
```

: True

: 1

Target Order

: OU=INTERNS,DC=forest,DC=local

```
Updating policy...
Computer Policy update has completed successfully.
User Policy update has completed successfully.
PS C:\Users\Administrator> gpresult /r /scope:user
Microsoft (R) Windows (R) Operating System Group Policy Result tool v2.0
Microsoft Corporation. All rights reserved.
Created on [6/[18/[2025 at 6:12:44 PM
RSOP data for FOREST\Administrator on WIN-IA4DIC092BB : Logging Mode
OS Configuration: Primary Domain Controller
OS Version: 10.0.20348
                           10.0.20348
Site Name:
                            N/A
Roaming Profile: N/A
Local Profile: C:\Users\Administrator
Connected over a slow link?: No
USER SETTINGS
   CN=Administrator, CN=Users, DC=forest, DC=local
   Last time Group Policy was applied: 6/18/2025 at 6:11:38 PM
   Group Policy was applied from: WIN-IA4DIC092BB.forest.local Group Policy slow link threshold: 500 kbps
   Domain Name:
                                        FOREST
   Domain Type:
                                        Windows 2008 or later
   Applied Group Policy Objects
       N/A
   The following GPOs were not applied because they were filtered out
       Local Group Policy
           Filtering: Not Applied (Empty)
```

Microsoft Edge

PS C:\Users\Administrator> gpupdate /force

```
Administrator: Windows PowerShell
Microsoft (R) Windows (R) Operating System Group Policy Result tool v2.0

© Microsoft Corporation. All rights reserved.

Created on [6/[18/[2025 at 6:12:44 PM
RSOP data for FOREST\Administrator on WIN-IA4DIC092BB : Logging Mode
OS Configuration:
                            Primary Domain Controller
OS Version:
                            10.0.20348
Site Name:
                            N/A
Roaming Profile:
                            N/A
Local Profile:
                            C:\Users\Administrator
Connected over a slow link?: No
USER SETTINGS
   CN=Administrator, CN=Users, DC=forest, DC=local
   Last time Group Policy was applied: 6/18/2025 at 6:11:38 PM
   Group Policy was applied from:
                                       WIN-IA4DIC092BB.forest.local
   Group Policy slow link threshold: 500 kbps
   Domain Name:
                                        FOREST
                                       Windows 2008 or later
   Domain Type:
   Applied Group Policy Objects
       N/A
   The following GPOs were not applied because they were filtered out
       Local Group Policy
           Filtering: Not Applied (Empty)
   The user is a part of the following security groups
       Domain Users
       Everyone
       BUILTIN\Administrators
       BUILTIN\Users
       BUILTIN\Pre-Windows 2000 Compatible Access
       NT AUTHORITY\INTERACTIVE
       CONSOLE LOGON
       NT AUTHORITY\Authenticated Users
       This Organization
       LOCAL
        Type here to search
```









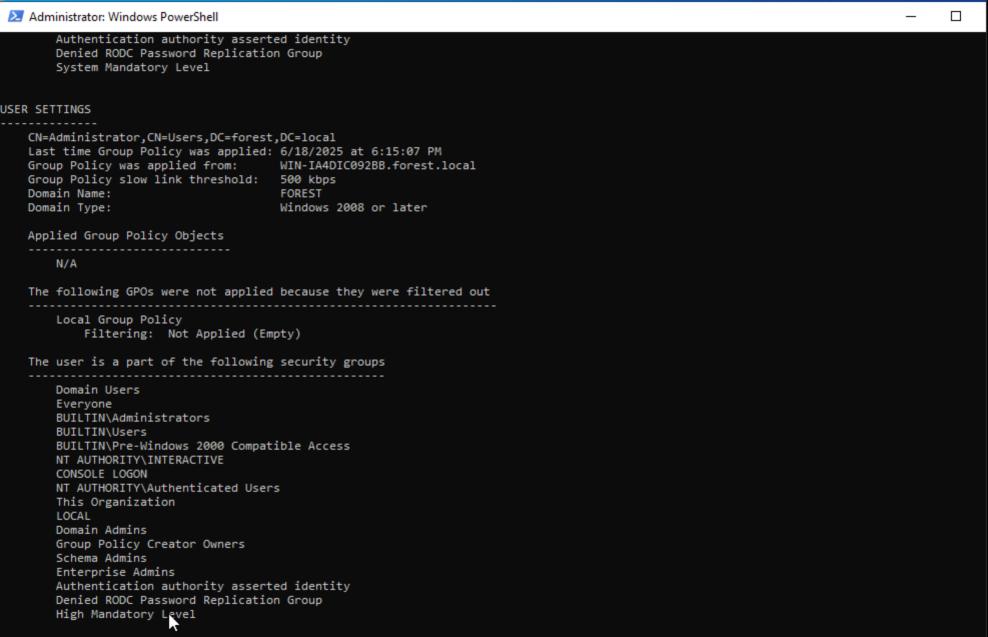
Administrator: W	/indows PowerShell	_		×
	ODC Password Replication Group datory Level			
PS C:\Users\Admin	nistrator> #Enable auditing nistrator> Set-GPRegistryValue -Name "Default Domain Controllers Policy" -Key "HKLM\SOFTWARE\Microsft\W: tem\Audit" -ValueName "ProcessCreationIncludeCmdLine" -Type DWord -Value 1	indows\C	urrent\	Vers
DomainName Dwner Id GpoStatus Description CreationTime ModificationTime UserVersion	<pre>: Default Domain Controllers Policy : forest.local : FOREST\Domain Admins : 6ac1786c-016f-11d2-945f-00c04fb984f9 : AllSettingsEnabled : : 6/13/2025 6:25:40 AM : 6/18/2025 6:12:20 PM : AD Version: 0, SysVol Version: 0 : AD Version: 2, SysVol Version: 2 :</pre>			
PS C:\Users\Admin	nistrator> #Creation of MFA enforcement group nistrator> Add-ADGroupMember -Identity "MFA_required" -Members "ravi", "adrien" nistrator> gpupdate /force			

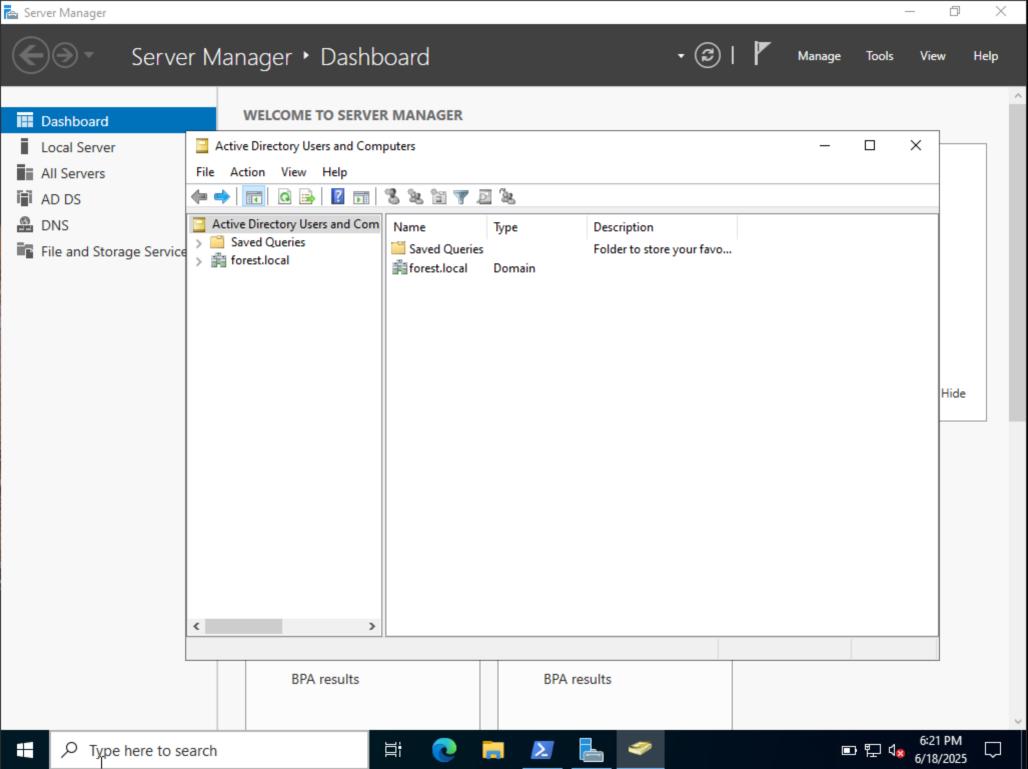
```
Administrator: Windows PowerShell
PS C:\Users\Administrator> gpupdate /force
Updating policy...
Computer Policy update has completed successfully.
User Policy update has completed successfully.
PS C:\Users\Administrator> gpresult /r
Microsoft (R) Windows (R) Operating System Group Policy Result tool v2.0

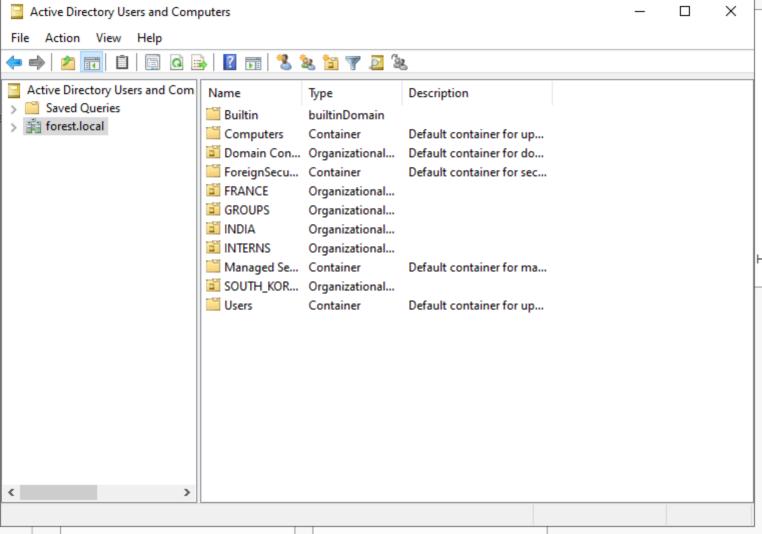
    Microsoft Corporation. All rights reserved.

Created on [6/ 18/ 2025 at 6:15:26 PM
RSOP data for FOREST\Administrator on WIN-IA4DIC092BB : Logging Mode
OS Configuration: Primary Domain Controller
OS Version: 10.0.20348
Site Name: Default-First-Site-Name
Roaming Profile: N/A
Local Profile: C:\Users\Administrator
Connected over a slow link?: No
COMPUTER SETTINGS
   CN=WIN-IA4DIC092BB,OU=Domain Controllers,DC=forest,DC=local
   Last time Group Policy was applied: 6/18/2025 at 6:15:06 PM
   Group Policy was applied from: WIN-IA4DIC092BB.forest.local
   Group Policy slow link threshold: 500 kbps
   Domain Name:
                                         FOREST
   Domain Type:
                                         Windows 2008 or later
   Applied Group Policy Objects
        Default Domain Controllers Policy
        Default Domain Policy
        Enforce Strong Passwords
```

Administrator: Windows Powers	Shell			- []
icrosoft (R) Windows (R) Op Microsoft Corporation. All		stem Group Policy Result tool v2 served.	.0		
reated on 6/ 18/ 2025 at 6	:15:26 PM				
SOP data for FOREST\Adminis	trator on W	/IN-IA4DIC092BB : Logging Mode			
S Version: ite Name: oaming Profile:	10.0.20348 Default-Fi N/A C:\Users\A	omain Controller 3 Arst-Site-Name Administrator			
OMPUTER SETTINGS					
CN=WIN-IA4DIC092BB,OU=Domain Contro Last time Group Policy was applied: Group Policy was applied from: Group Policy slow link threshold: Domain Name: Domain Type:		6/18/2025 at 6:15:06 PM WIN-IA4DIC092BB.forest.local			
Applied Group Policy Obj Default Domain Contr Default Domain Polic Enforce_Strong_Passw The following GPOs were	ollers Poli y ords not applied	because they were filtered out			
Local Group Policy Filtering: Not The computer is a part o	Applied (En				
	rs 2000 Compat n Access Gr	tible Access			







```
PS C:\Users\Administrator> #Grant 'Reset Password' rights to HR_Junior group on HR OU
PS C:\Users\Administrator> $OU = "OU=HR, OU=CHENNAI, OU=INDIA, DC=forest, DC=local"
PS C:\Users\Administrator> $Group = "HR_Junior"
PS C:\Users\Administrator> dsacls $OU /G "$($Group):CA;Reset Password"
No Sid Found for HR_Junior
No mapping between account names and security IDs was done.
```

TITEL HARMACOL V ECVET

PS C:\Users\Administrator> _

The command failed to complete successfully.

```
High Mandatory Level
PS C:\Users\Administrator> #Grant 'Reset Password' rights to HR Junior group on HR OU
PS C:\Users\Administrator> $0U = "OU=HR, OU=CHENNAI, OU=INDIA, DC=forest, DC=local"
PS C:\Users\Administrator> $Group = "HR Junior"
PS C:\Users\Administrator> dsacls $OU /G "$($Group):CA:Reset Password"
No Sid Found for HR Junior
No mapping between account names and security IDs was done.
The command failed to complete successfully.
PS C:\Users\Administrator> New-ADGroup -Name "HR Junior" -GroupScope Global -Path "OU=GROUPS, DC=forest, DC=local" -Description "Junior HR st
f with password reset rights"
PS C:\Users\Administrator> Add-ADGroupMember -Identity "HR Junior" -Members "Marinette"
Add-ADGroupMember : Cannot find an object with identity: 'Marinette' under: 'DC=forest,DC=local'.
At line:1 char:1
+ Add-ADGroupMember -Identity "HR_Junior" -Members "Marinette"
   + CategoryInfo : ObjectNotFound: (Marinette:ADPrincipal) [Add-ADGroupMember], ADIdentityNotFoundException
   + FullyQualifiedErrorId : SetADGroupMember.ValidateMembersParameter,Microsoft.ActiveDirectory.Management.Commands.AddADGroupMember
PS C:\Users\Administrator> Add-ADGroupMember -Identity "HR_Junior" -Members "hari"
PS C:\Users\Administrator>
```

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