

# New Server Udemy Active Directory

- [Udemy Active Directory & Group Policy](#)
  - Group policy precedence: LSDOE:
    - Local GPO (least important)
    - Site GPO
    - Domain GPO
    - Organization Unit
      - Sub OU
    - Enforced Group Policy Objects (most important, takes precedence over everything)
  - Computer config first; user config second/takes precedence
- Potential Tasks
  - Delete Microsoft Exchange Security Groups OU & Groups
  - Current enforced GPO: Windows SBS CSE Policy
  - Look into GPOs for logging
  - Separate user and computer OUs/GPOs
  - Create separate GPOs?
    - Create password policy GPO? Move password policy from one GPO to another
  - Deploying software
    - Deploy as computer configuration
    - Policies -> Software Settings -> Software installation
  - Map shared drive to shared folder
    - User configuration -> preferences -> Mapped Drive
      - Go to delegation → add → authenticated users read permissions
  - Password setting object via ADSI edit
    - Create group → add member → ADSI edit
  - Script execution
- Tasks
  - Active Directory & Group Policy Tasks
    - Domain trusts between branches: ForeignSecurityPrincipals
  - Add other domain controllers in AD
    - Add these domains as different sites in group policy?
  - GPO remote desktop connect
- AD Powershell commands
  - Start-transcript
  - Get-History
  - Get-alias
  - Get-Help command
  - Get-command \*-AD\*

- \$variables = whatever
  - echo \$variable
- Get-ADUser -Filter {Enabled -eq 'True'}
  - { } are object attributes
- Get-ADUser -Filter \*
- Import-Module ActiveDirectory
  - Search-ADAccount -
  - Creating user accounts with powershell scripts using echo/variables
  - Adding users from CSV
- Troubleshooting
  - Always run rsop to see which GPO is being applied
  - Gpresult /r
  - Blocking inheritance v enforced (enforces even blocked inheritance GPOs)