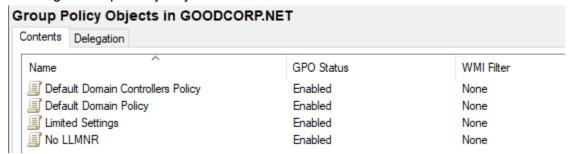
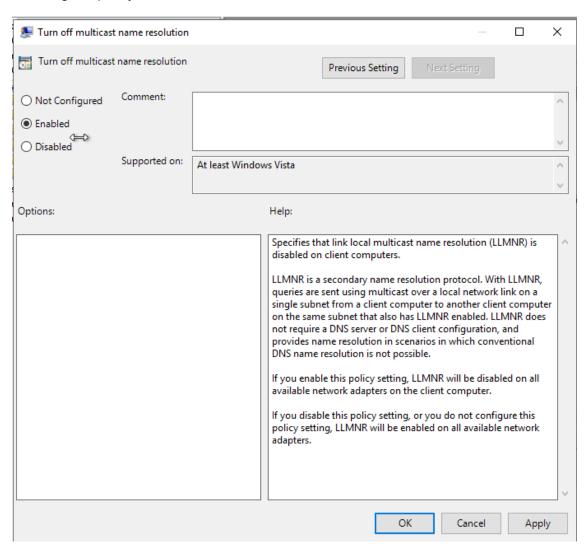
## A Day in the Life of a Windows Sysadmin

#### Task 1: Create a GPO: Disable Local Link Multicast Name Resolution (LLMNR)

Creating a Group Policy Object called No LLMNR



Enabling the policy: Turn Off Multicast Name Resolution



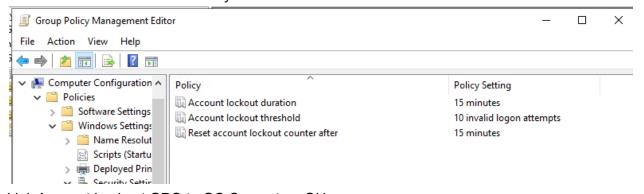
Linking No LLMNR GPO to GC Computers OU



Task 2: Create a GPO: Account Lockout



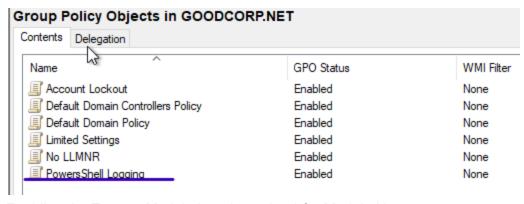
Edited the Account Lockout using the following path:
Computer Configuration\Policies\Windows Settings\Security Settings\Account
Policies\Account Lockout Policy



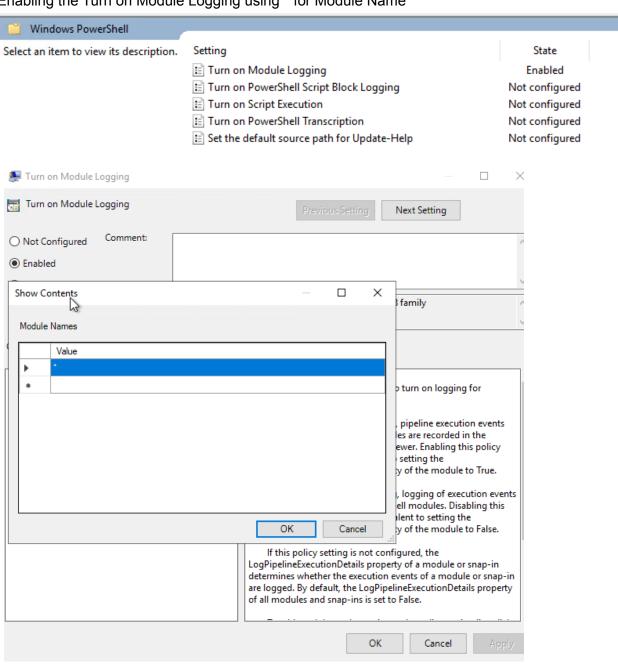
Link Account Lockout GPO to GC Computers OU



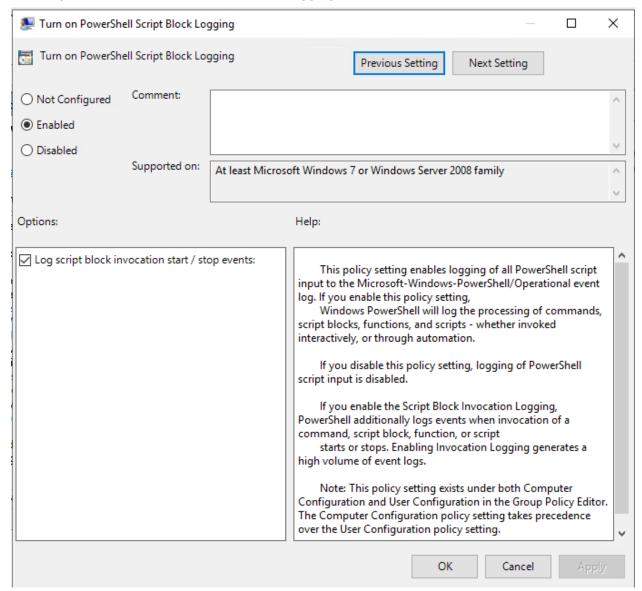
Task 3: Create a GPO: Enabling Verbose PowerShell Logging and Transcription Creating GPO Powershell Logging



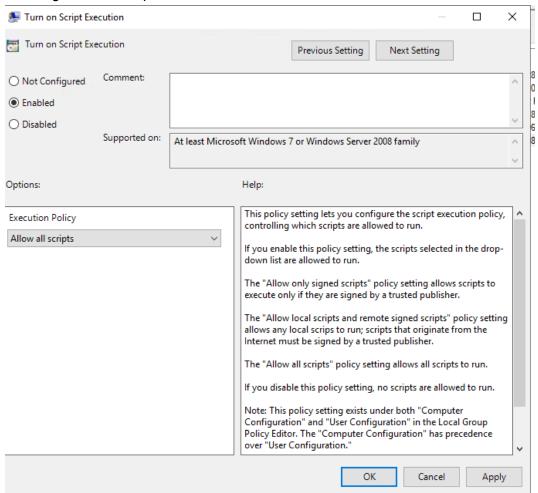
# Enabling the Turn on Module Logging using \* for Module Name



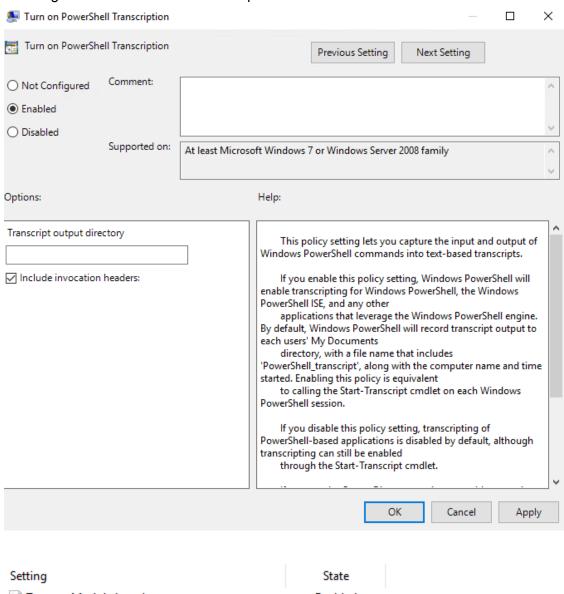
## Enabling Turn on PowerShell Script Block Logging



# **Enabling Turn on Script Execution**



## **Enabling Turn on PowerShell Transcription**



Turn on Module Logging

Turn on PowerShell Script Block Logging

Turn on Script Execution

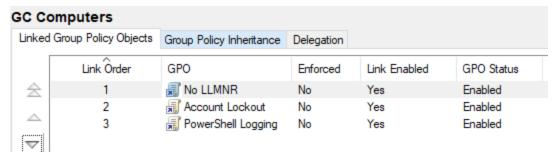
Turn on PowerShell Transcription

Set the default source path for Update-Help

Enabled

Not configured

Linking PowerShell Logging



Task 4: Create a Script: Enumerate Access Control Lists

Creating a PowerShell script that enumerate ACL of each file within the current working directory

#### Results in C:\Windows

```
PS C:\Windows> C:\Users\sysadmin\Documents\enum_acls.ps1
    Directory: C:\Windows
Path
                         Owner
                                                     Access
addins
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456...
appcompat
                         NT AUTHORITY\SYSTEM
                                                     NT SERVICE\TrustedInstaller Allow FullControl...
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456...
apppatch
                                                     NT AUTHORITY\Authenticated Users Allow Read, Synchronic
AppReadiness
                         NT AUTHORITY\SYSTEM
assembly
                         BUILTIN\Administrators
                                                     BUILTIN\Administrators Allow FullControl...
bcastdvr
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456..
                         NT SERVICE\TrustedInstaller NT AUTHORITY\SYSTEM Allow -1610612736...
Boot
Branding
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456..
                         BUILTIN\Administrators
                                                     BUILTIN\Administrators Allow FullControl...
CbsTemp
Containers
                         NT AUTHORITY\SYSTEM
                                                     NT SERVICE\TrustedInstaller Allow FullControl...
CSC
                         NT AUTHORITY\SYSTEM
                                                     NT AUTHORITY\SYSTEM Allow FullControl
Cursors
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456...
                                                     APPLICATION PACKAGE AUTHORITY\ALL APPLICATION PACKAGES
debug
                         NT AUTHORITY\SYSTEM
diagnostics
                         NT SERVICE\TrustedInstaller NT AUTHORITY\SYSTEM Allow -1610612736...
DiagTrack
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456...
DigitalLocker
                         NT AUTHORITY\SYSTEM
                                                     NT SERVICE\TrustedInstaller Allow FullControl...
Downloaded Program Files NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456...
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow
                                                                          268435456...
en-US
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow
                                                                          268435456...
Fonts
GameBarPresenceWriter
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow
                                                                          268435456...
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow
Globalization
                                                                          268435456...
Help
                         NT AUTHORITY\SYSTEM
                                                     NT SERVICE\TrustedInstaller Allow
                                                                                        FullControl...
IdentityCRL
                         NT
                            AUTHORITY\SYSTEM
                                                     NT SERVICE\TrustedInstaller Allow
                                                                                        FullControl...
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow 268435456...
IME
ImmersiveControlPanel
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow
                                                                          268435456...
                         NT SERVICE\TrustedInstaller CREATOR OWNER Allow
                                                                         268435456...
InputMethod
                         NT AUTHORITY\SYSTEM
                                                     NT SERVICE\TrustedInstaller Allow FullControl...
```

## Bonus Task 5: Verify Your PowerShell Logging GPO

```
PS C:\Users\sysadmin\Documents\20220502> get-content .\PowerShell_transcript.DESKTOP-SITPOTH.HYDBexok.20220502093101.t
Windows PowerShell transcript start
Start time: 20220502093102
Username: DESKTOP-SITPOTH\sysadmin
RunAs User: DESKTOP-SITPOTH\sysadmin
Configuration Name:
Machine: DESKTOP-SITPOTH (Microsoft Windows NT 10.0.19041.0)
Host Application: C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Process ID: 8104
PSVersion: 5.1.19041.1
PSEdition: Desktop
PSCompatibleVersions: 1.0, 2.0, 3.0, 4.0, 5.0, 5.1.19041.1
BuildVersion: 10.0.19041.1
CLRVersion: 4.0.30319.42000
WSManStackVersion: 3.0
PSRemotingProtocolVersion: 2.3
SerializationVersion: 1.1.0.1
Command start time: 20220502093117
PS C:\Users\sysadmin> cd .\Documents\
Command start time: 20220502093119
PS C:\Users\sysadmin\Documents> ls
     Directory: C:\Users\sysadmin\Documents
Mode
                          LastWriteTime
                                                      Length Name
                   5/2/2022 9:19 AM
5/2/2022 8:36 AM
d----
                                                              20220502
 -a----
                                                         87 enum_acls.ps1
```