

# Create daily scheduled task for AD snapshots

```
#region Check if System is DC and logged-on user is admin

$DomainRole = Get-WmiObject -Class Win32_ComputerSystem | Select-Object -ExpandProperty
DomainRole

if( $DomainRole -match '4|5' )
#0=StandaloneWorkstation, 1=MemberWorkstation, 2=StandaloneServer, 3=MemberServer, 4=BackupDC,
5=PrimaryDC

{Write-Host 'Check: Machine is DC' -ForegroundColor Green}

else
{Write-Host 'Oops: This Script must be run on a DC' -ForegroundColor Red -InformationAction
Stop}

if ([[Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principal.WindowsBuiltI
nRole]::Administrator))

{Write-Host 'Check: You are Admin and good to go...' -ForegroundColor Green
}
else
{Write-Host 'Oops: Please run Powershell as Administrator to complete this task!' -
ForegroundColor Red
}
#endregion

#region Create Scheduled Task
#&: call operator; tells PowerShell to interpret the string that follows as an executable
command
$action = New-ScheduledTaskAction -Execute 'powershell.exe' -Argument {-noexit -command
(&"ntdsutil.exe 'activate instance ntds' snapshot create quit quit")}
```

```
$trigger = New-ScheduledTaskTrigger -Daily -At 03:00
$principal = New-ScheduledTaskPrincipal -UserId 'NT Authority\System' -LogonType Password

Register-ScheduledTask -TaskName ADSnapshot -Action $action -Trigger $trigger -Principal
$principal
#endregion
```

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Revision #2

Created 2023-12-11 16:52:31 UTC by Ryan

Updated 2025-03-13 00:56:28 UTC by Ryan