# Function to monitor the specified event logs and event sources for new events

function Monitor-EventLogs {

param (

[string[]]$EventLogs,

[string[]]$EventSources

)

# Continuously monitor the specified event logs and event sources for new events

while ($true) {

foreach ($logName in $EventLogs) {

foreach ($source in $EventSources) {

# Get the latest event from the specified event log and event source

$latestEvent = Get-WinEvent -LogName $logName -Source $source -MaxEvents 1

if ($latestEvent) {

# Process the latest event (replace this with your own logic)

Write-Host "New Event in $logName from $source:"

Write-Host "Event ID: $($latestEvent.Id)"

Write-Host "Message: $($latestEvent.Message)"

Write-Host ""

}

}

}

# Wait for a specified interval before checking for new events again

Start-Sleep -Seconds 5

}

}

# Get a list of available event logs

$availableEventLogs = Get-WinEvent -ListLog \* | Select-Object -ExpandProperty LogName

# Get a list of available event sources from the Security event log

$securityEventSources = Get-WinEvent -ListLog Security | Select-Object -ExpandProperty ProviderName

# Prompt the user to select event logs and event sources to monitor

$selectedEventLogs = Read-Host -Prompt "Enter event logs to monitor (comma-separated, e.g., 'Application,Security,System'):" -Split ","

$selectedEventSources = Read-Host -Prompt "Enter event sources to monitor from Security log (comma-separated, e.g., 'Microsoft-Windows-Security-Auditing,Microsoft-Windows-GroupPolicy'):" -Split ","

# Call the Monitor-EventLogs function to start monitoring the selected event logs and event sources

Monitor-EventLogs -EventLogs $selectedEventLogs -EventSources $selectedEventSources