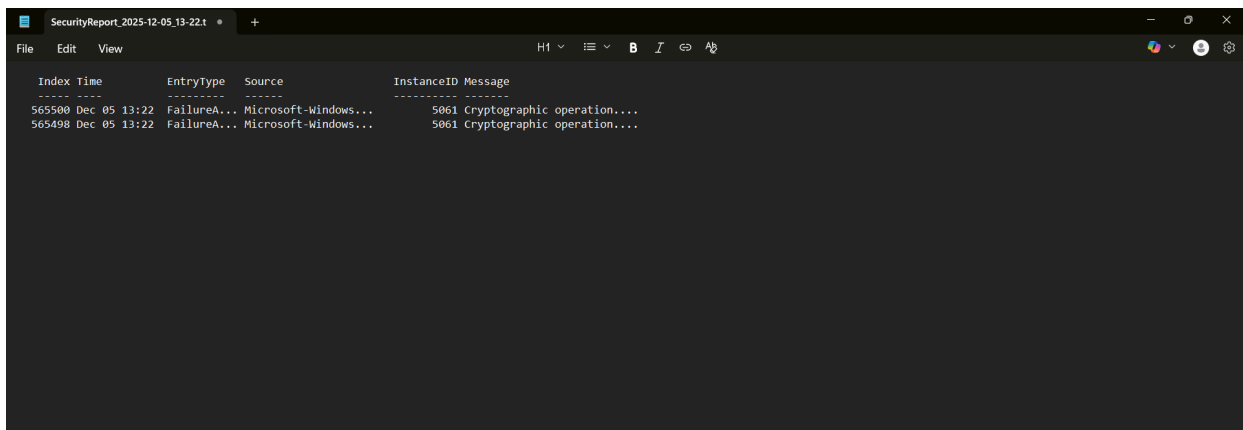


I created an automated PowerShell script (LogMonitor.ps1) that collects recent Security Event Log entries and filters for Error or FailureAudit types. The script outputs timestamped security summaries to C:\Automation\Logs. To automate this task, I configured a daily scheduled job in Windows Task Scheduler to run the script at 8:00 AM. Testing confirmed both manual and scheduled execution generated log files successfully, demonstrating automation of repetitive security monitoring tasks.

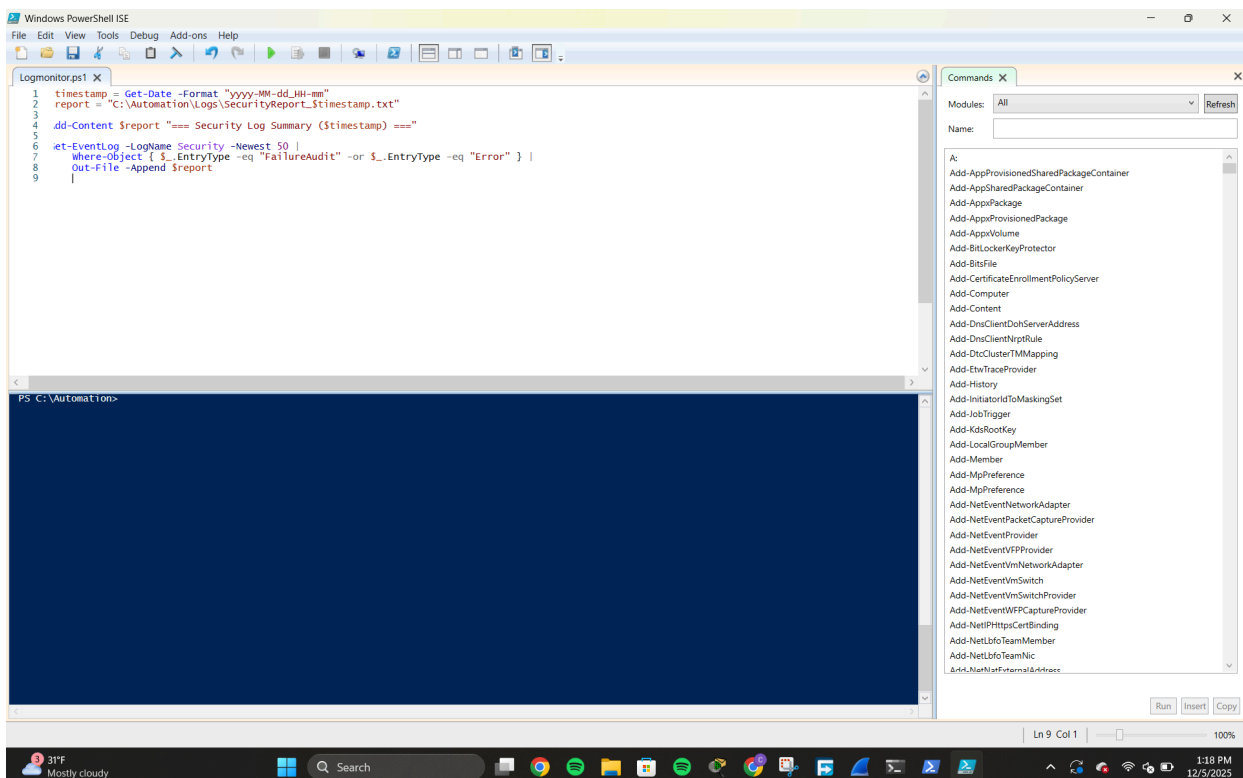
Log



The screenshot shows a Notepad window titled "SecurityReport_2025-12-05_13-22.txt". The window contains a table of security log entries. The table has five columns: Index, Time, EntryType, Source, and InstanceID Message. There are two entries listed, both with Index 565500 and 565498, Time Dec 05 13:22, EntryType FailureA..., Source Microsoft-Windows..., and InstanceID 5061. The Message for both is Cryptographic operation....

Index	Time	EntryType	Source	InstanceID Message
565500	Dec 05 13:22	FailureA...	Microsoft-Windows...	5061 Cryptographic operation....
565498	Dec 05 13:22	FailureA...	Microsoft-Windows...	5061 Cryptographic operation....

Powershell Script



The screenshot shows a Windows PowerShell ISE window with a script named "LogMonitor.ps1". The script is as follows:

```
1 timestamp = Get-Date -Format "yyyy-MM-dd_HH-mm"
2 report = "C:\Automation\Logs\SecurityReport_$(timestamp).txt"
3
4 dd-Content $report "=== Security Log Summary $(timestamp) ==="
5
6 et-EventLog -LogName Security -Newest 50 |
7 where-Object { $_.EntryType -eq "FailureAudit" -or $_.EntryType -eq "Error" } |
8 Out-File -Append $report
9 |
```

The script is being executed in a PowerShell console window. The console shows the prompt "PS C:\Automation>" and the output of the script, which is a timestamped security log summary. The output is as follows:

```
=== Security Log Summary 2025-12-05_13-22 ===
Index Time EntryType Source InstanceID Message
-----
565500 Dec 05 13:22 FailureA... Microsoft-Windows... 5061 Cryptographic operation....
565498 Dec 05 13:22 FailureA... Microsoft-Windows... 5061 Cryptographic operation....
```

Task Scheduler Daily running the script.

Task Scheduler

FileActionViewHelp

Task Scheduler (Local)

Task Scheduler Library

Name	Status	Triggers	Next Run Time	Last Run Time	Last Run Result
CCleaner Up...	Ready	Multiple triggers defined	12/5/2025 6:39:53 PM	12/5/2025 11:44:00 AM	(0x8)
CCleanerCras...	Ready	At 10:21 AM every day	12/6/2025 10:21:00 AM	11/30/1999 12:00:00 AM	The task has not yet run. (0x41)
CCleanerSkip...	Ready			4/21/2025 10:45:42 AM	The operation completed successfully.
Daily Secur...	Running	At 8:00 AM every day	12/6/2025 8:00:00 AM	11/30/1999 12:00:00 AM	The task has not yet run. (0x41)
FreeDownloa...	Running	At system startup		12/4/2025 8:32:14 PM	The task is currently running.
Launch Adob...	Ready	At 10:38 PM every day	12/5/2025 10:38:00 PM	12/4/2025 8:36:53 PM	The operator or administrator
MicrosoftEd...	Ready	Multiple triggers defined	12/5/2025 9:13:38 PM	12/4/2025 9:13:38 PM	The operation completed successfully.
MicrosoftEd...	Ready	At 8:43 PM every day - After triggered, repeat every 1 hour for a duration of 1 day.	12/5/2025 1:43:38 PM	12/5/2025 12:43:38 PM	The operation completed successfully.
npcapwatch...	Ready	At system startup		12/4/2025 8:32:14 PM	The operation completed successfully.
OneDrive Re...	Ready	At 11:38 PM on 12/3/2025 - After triggered, repeat every 1.000000 indefinitely.	12/5/2025 11:38:04 PM	12/4/2025 11:39:01 PM	The operation completed successfully.
OneDrive Sta...	Ready	At 10:00 PM on 5/1/1992 - After triggered, repeat every 1.000000 indefinitely.	12/5/2025 11:03:56 PM	11/30/1999 12:00:00 AM	The task has not yet run. (0x41)
OneDrive Sta...	Ready	At log on of CLAIRS-LAPTOP\playt		12/4/2025 8:42:30 PM	The operation completed successfully.

GeneralTriggersActionsConditionsSettingsHistory (disabled)

When you create a task, you must specify the action that will occur when your task starts. To change these actions, open the task property pages using the Properties command.

Action	Details
Start a program	powershell.exe -File "C:\Automation\LogMonitor.ps1"

Actions

Task Scheduler Library

Create Basic Task...Create Task...Import Task...Display All Running TasksEnable All Tasks HistoryNew Folder...ViewRefreshHelp

Selected Item

RunEndDisableExport...PropertiesDeleteHelp

31°F Mostly cloudy

Search

1:27 PM 12/5/2025