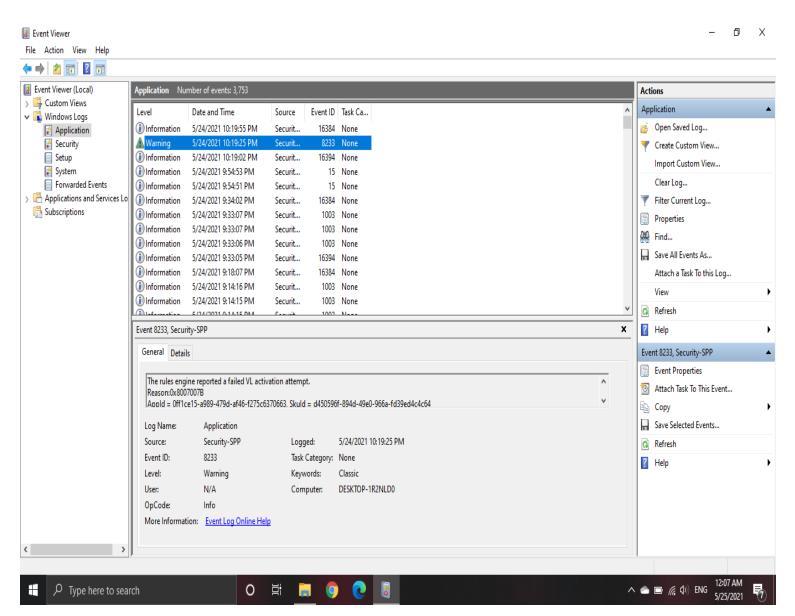
Module 2

Assignment 2

Using Logs to Help You Track Down an Issue in Windows



For the assignment, there are five different issues that we need to resolve.

The error logs shown in the event viewer are related to security and out of scope for the assignment. Therefore I have mentioned how to tackle the issues if found from the skills I've picked up from this course.

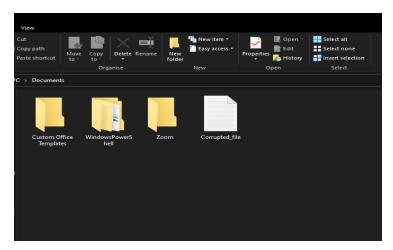
Low Disk Space

If there was an event log warning about a large file that's taking up disk space. Then it can be searched from the file explorer by configuring our search. When found it can be deleted.

Corrupted File

If there was a log warning about a corrupted file in the system. It can be removed by first locating it and then its deletion.

A corrupted file is located in Documents. It can be removed either by using PowerShell or the direct deletion using GUI.



```
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
Directory: C:\Users\user\Documents
Mode
                        LastWriteTime
                                                 Length Name
                5/24/2021 9:32 PM
5/21/2021 4:46 PM
4/23/2021 4:48 PM
5/24/2021 11:23 PM
                                                         Custom Office Templates
                                                         WindowsPowerShell
                                                         Zoom
                                                      0 Corrupted_file.txt
-a---
PS C:\Users\user\Documents> rm .\Corrupted_file.txt
PS C:\Users\user\Documents> ls
    Directory: C:\Users\user\Documents
Mode
                        LastWriteTime
                                                 Length Name
                5/24/2021 9:32 PM
5/21/2021 4:46 PM
4/23/2021 4:48 PM
d----
                                                         Custom Office Templates
                                                         WindowsPowerShell
PS C:\Users\user\Documents>
```

Updating a Software

If a software is outdated and there is a warning log in the event viewer. It can be updated by installing its latest version. The issue will be solved.

• End Malicious processes

If there is a malicious process running and causing problems to the system. It can be terminated by using the task-kill command in PowerShell.

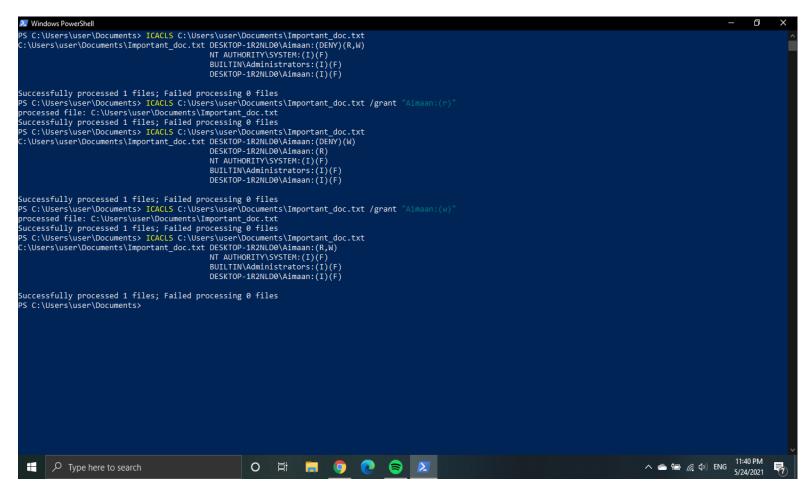
```
### Comparison of the process internal internal
```

Let's consider Notepad as our malicious process.

We first get the Process ID(PID) using the Get-Process command. The process can be terminated using its PID along with the taskkill command. The process is then terminated. Similar steps can be followed to end any such process.

Fix Permissions

Consider an important document being denied crucial permissions to some user. It can be fixed in the following way.



Initially the user was denied Read & Write permissions to the document.

It was fixed by granting the permissions.

The ICACLS command along with the path gives information about the permissions.