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Lab-3: secure coding

Finding a file or .exe location by recursive search

```
C:\>where /R C: \ firefox.exe
C:\Program Files\Mozilla Firefox\firefox.exe
```

Scheduled Tasks

```
C:\Users\anumo\Desktop\secure coding>schtasks
TaskName
                            Next Run Time
                                              Status
G2MUpdateTask-S-1-5-21-2534129706-383016 24-02-2021 20:54:00
                                              Ready
G2MUploadTask-S-1-5-21-2534129706-383016 24-02-2021 20:46:00
GoogleUpdateTaskUserS-1-5-21-2534129706- 24-02-2021 23:42:31
GoogleUpdateTaskUserS-1-5-21-2534129706- 24-02-2021 20:42:31
                                              Ready
                                              Ready
                                              Ready
LenovoUtility Startup
                                              Ready
                             N/A
OneDrive Standalone Update Task-S-1-5-21 25-02-2021 01:38:43
                                              Ready
Quick Heal Upgrade
                             N/A
                                              Ready
StartCN
                             N/A
                                              Ready
StartDVR
                             N/A
                                              Ready
User_Feed_Synchronization-{4BDB870E-4B9C 24-02-2021 22:29:03
                                              Ready
Folder: \Apple
                             Next Run Time Status
AppleSoftwareUpdate
                             26-02-2021 12:13:00 Ready
Folder: \Lenovo
                            Next Run Time Status
TaskName
INFO: There are no scheduled tasks presently available at your access level.
Folder: \Lenovo\ImController
                            Next Run Time
TaskName
INFO: There are no scheduled tasks presently available at your access level.
Folder: \Lenovo\Vantage
                        Next Run Time Status
INFO: There are no scheduled tasks presently available at your access level.
Folder: \Microsoft
                            Next Run Time Status
TaskName
INFO: There are no scheduled tasks presently available at your access level.
```

Creating files

```
C:\Users\anumo\Desktop\secure coding>for /l %A in (1,1,20) do echo "">file%A.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file1.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file2.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file3.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file4.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file5.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file6.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file7.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file8.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file9.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file10.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file11.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file12.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file13.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file14.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file15.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file16.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file17.txt
C:\Users\anumo\Desktop\secure coding>echo "" 1>file18.txt
::\Users\anumo\Desktop\secure coding>echo "" 1>file19.txt
::\Users\anumo\Desktop\secure coding>echo "" 1>file20.txt
```

file1	24-02-2021 19:22	Text Document	1 KB
file2	24-02-2021 19:22	Text Document	1 KB
file3	24-02-2021 19:22	Text Document	1 KB
file4	24-02-2021 19:22	Text Document	1 KB
file5	24-02-2021 19:22	Text Document	1 KB
file6	24-02-2021 19:22	Text Document	1 KB
file7	24-02-2021 19:22	Text Document	1 KB
file8	24-02-2021 19:22	Text Document	1 KB
file9	24-02-2021 19:22	Text Document	1 KB
file10	24-02-2021 19:22	Text Document	1 KB
file11	24-02-2021 19:22	Text Document	1 KB
file12	24-02-2021 19:22	Text Document	1 KB
file13	24-02-2021 19:22	Text Document	1 KB
file14	24-02-2021 19:22	Text Document	1 KB
file15	24-02-2021 19:22	Text Document	1 KB
file16	24-02-2021 19:22	Text Document	1 KB
file17	24-02-2021 19:22	Text Document	1 KB
file18	24-02-2021 19:22	Text Document	1 KB
file19	24-02-2021 19:22	Text Document	1 KB
file20	24-02-2021 19:22	Text Document	1 KB

```
C:\Users\anumo\Desktop\secure coding>for /l %A in (1,1,20) do (if exist file%A.txt(del file%A.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file1.txt(del file1.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file2.txt(del file2.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file3.txt(del file3.txt)
::\Users\anumo\Desktop\secure coding>(if exist file4.txt(del file4.txt)
:\Users\anumo\Desktop\secure coding>(if exist file5.txt(del file5.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file6.txt(del file6.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file7.txt(del file7.txt)
:\Users\anumo\Desktop\secure coding>(if exist file8.txt(del file8.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file9.txt(del file9.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file10.txt(del file10.txt)
:\Users\anumo\Desktop\secure coding>(if exist file11.txt(del file11.txt)
:\Users\anumo\Desktop\secure coding>(if exist file12.txt(del file12.txt)
:\Users\anumo\Desktop\secure coding>(if exist file13.txt(del file13.txt)
:\Users\anumo\Desktop\secure coding>(if exist file14.txt(del file14.txt)
:\Users\anumo\Desktop\secure coding>(if exist file15.txt(del file15.txt)
:\Users\anumo\Desktop\secure coding>(if exist file16.txt(del file16.txt)
C:\Users\anumo\Desktop\secure coding>(if exist file17.txt(del file17.txt)
::\Users\anumo\Desktop\secure coding>(if exist file18.txt(del file18.txt)
:\Users\anumo\Desktop\secure coding>(if exist file19.txt(del file19.txt)
 :\Users\anumo\Desktop\secure coding>(if exist file20.txt(del file20.txt)
```

Scheduling Tasks

C:\Users\anumo>SCHTASKS /CREATE /SC WEEKLY /D SUN /TN "18BCE7300_TASK1\Notepad task" /TR "C:\WINDOWS\system32\notepad.exe" /ST 11:00 SUCCESS: The scheduled task "18BCE7300_TASK1\Notepad task" has successfully been created.

C:\Users\anumo>SCHTASKS /CREATE /SC WEEKLY /D SUN /TN "18BCE7300_TASK2\Notepad task" /TR "C:\WINDOWS\system32\notepad.exe" /ST 13:00 SUCCESS: The scheduled task "18BCE7300_TASK2\Notepad task" has successfully been created.

Removing Scheduled tasks

C:\Users\anumo>SCHTASKS /DELETE /TN "18BCE7300_TASK1\Notepad task" WARNING: Are you sure you want to remove the task "18BCE7300_TASK1\Notepad task" (Y/N)? y SUCCESS: The scheduled task "18BCE7300_TASK1\Notepad task" was successfully deleted.

Scheduling on weekdays

C:\Users\anumo>SCHTASKS /CREATE /SC WEEKLY /D MON,TUE,WED,THU,FRI /TN "18BCE7300_WEEKDAYS\Notepad task" /TR "C:\Windows\System32\ notepad.exe" /ST 13:00 SUCCESS: The scheduled task "18BCE7300_WEEKDAYS\Notepad task" has successfully been created.

Scheduling on weekends

C:\Users\anumo>SCHTASKS /CREATE /SC WEEKLY /D SAT,SUN /TN "18BCE7300_WEEKENDS\Notepad task" /TR "C:\Windows\System32\notepad.exe" /ST 13:00 SUCCESS: The scheduled task "18BCE7300_WEEKENDS\Notepad task" has successfully been created.

Removing Scheduled tasks

C:\Users\anumo>SCHTASKS /DELETE /TN "18BCE7300_WEEKENDS\Notepad task" WARNING: Are you sure you want to remove the task "18BCE7300_WEEKENDS\Notepad task" (Y/N)? y SUCCESS: The scheduled task "18BCE7300_WEEKENDS\Notepad task" was successfully deleted.