

SECURE CODING

LAB 3

Ritvik Pandillapally

19BCN7117

Explanation

We use schtasks to schedule the task.

/create extension is to create task

/change is to modify a task

/delete is used to delete the created task

/st is to give the time of the task

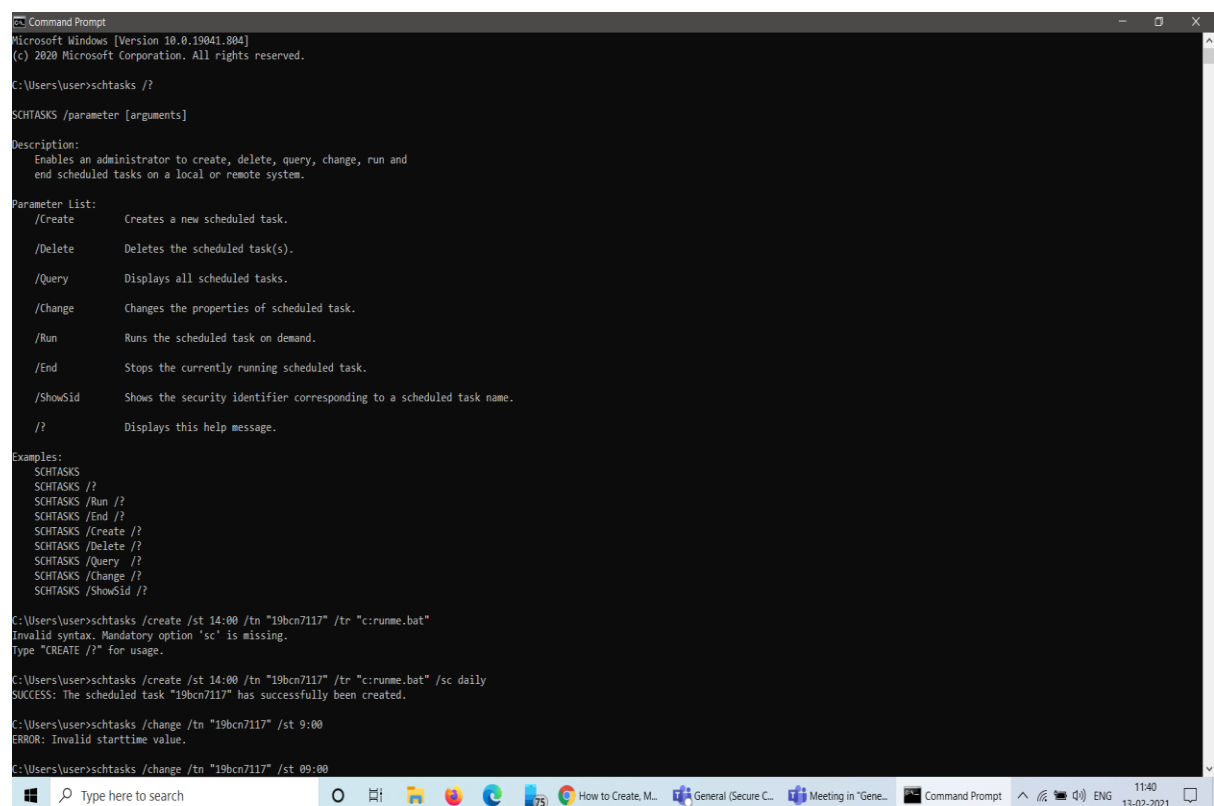
/tn is for the task name

/tr is to run the task

/sc is for the frequency of the task

/d is for the days of the week to run the task

Screenshots



```
Microsoft Windows [Version 10.0.19041.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\user>schtasks /?

SCHTASKS /parameter [arguments]

Description:
  Enables an administrator to create, delete, query, change, run and
  end scheduled tasks on a local or remote system.

Parameter List:
  /Create      Creates a new scheduled task.
  /Delete      Deletes the scheduled task(s).
  /Query       Displays all scheduled tasks.
  /Change      Changes the properties of scheduled task.
  /Run         Runs the scheduled task on demand.
  /End         Stops the currently running scheduled task.
  /ShowSid     Shows the security identifier corresponding to a scheduled task name.
  /?          Displays this help message.

Examples:
  SCHEDTASKS
  SCHEDTASKS /?
  SCHEDTASKS /Run /?
  SCHEDTASKS /End /?
  SCHEDTASKS /Create /?
  SCHEDTASKS /Delete /?
  SCHEDTASKS /Query /?
  SCHEDTASKS /Change /?
  SCHEDTASKS /ShowSid /?

C:\Users\user>schtasks /create /st 14:00 /tn "19bcn7117" /tr "c:\runme.bat"
Invalid syntax. Mandatory option 'sc' is missing.
Type "CREATE /?" for usage.

C:\Users\user>schtasks /create /st 14:00 /tn "19bcn7117" /tr "c:\runme.bat" /sc daily
SUCCESS: The scheduled task "19bcn7117" has successfully been created.

C:\Users\user>schtasks /change /tn "19bcn7117" /st 9:00
ERROR: Invalid starttime value.

C:\Users\user>schtasks /change /tn "19bcn7117" /st 09:00
```

```
Command Prompt
/? Displays this help message.

Examples:
SCHTASKS
SCHTASKS /?
SCHTASKS /Run /?
SCHTASKS /End /?
SCHTASKS /Create /?
SCHTASKS /Delete /?
SCHTASKS /Query /?
SCHTASKS /Change /?
SCHTASKS /ShowSid /?

C:\Users\user>schtasks /create /st 14:00 /tn "19bcn7117" /tr "c:\runme.bat"
Invalid syntax. Mandatory option 'sc' is missing.
Type "CREATE /?" for usage.

C:\Users\user>schtasks /create /st 14:00 /tn "19bcn7117" /tr "c:\runme.bat" /sc daily
SUCCESS: The scheduled task "19bcn7117" has successfully been created.

C:\Users\user>schtasks /change /tn "19bcn7117" /st 9:00
ERROR: Invalid starttime value.

C:\Users\user>schtasks /change /tn "19bcn7117" /st 09:00
Please enter the run as password for user:

WARNING: When the run-as password is empty, the scheduled task may not run because of the security policy.
SUCCESS: The parameters of scheduled task "19bcn7117" have been changed.

C:\Users\user>schtasks /delete /tn "19bcn7117"
WARNING: Are you sure you want to remove the task "19bcn7117" (Y/N)? y
SUCCESS: The scheduled task "19bcn7117" was successfully deleted.

C:\Users\user>schtasks /create /sc weekly /d mon,tue,wed,thu,fri /tn "19bcn7117_task2" /tr "c:\runme.bat" /st 00:00
SUCCESS: The scheduled task "19bcn7117_task2" has successfully been created.

C:\Users\user>schtasks /create /sc weekly /d sat,sun /tn "19bcn7117_task3" /tr "c:\runme.bat" /st 00:00
SUCCESS: The scheduled task "19bcn7117_task3" has successfully been created.

C:\Users\user>schtasks /delete /tn "19bcn7117_task2"
WARNING: Are you sure you want to remove the task "19bcn7117_task2" (Y/N)? y
SUCCESS: The scheduled task "19bcn7117_task2" was successfully deleted.

C:\Users\user>schtasks /delete /tn "19bcn7117_task3"
WARNING: Are you sure you want to remove the task "19bcn7117_task3" (Y/N)? y
SUCCESS: The scheduled task "19bcn7117_task3" was successfully deleted.

C:\Users\user>
```