

SECURE CODING

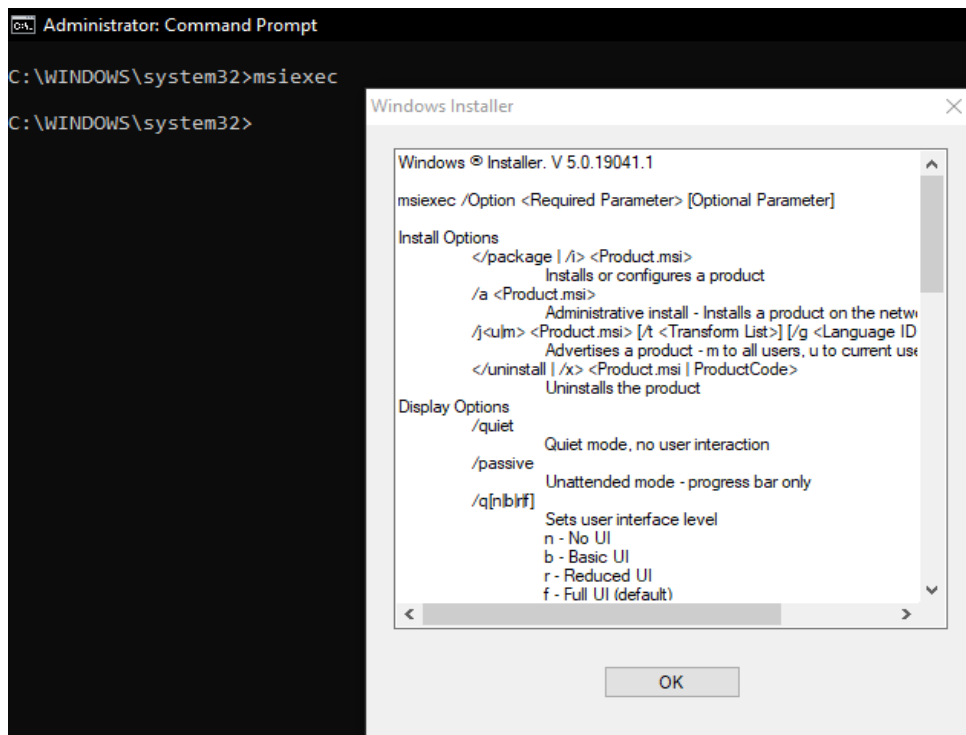
CSE-2010

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REG.NO: 18BCN7036

SLOT: L23+24

Installing a software silently




```
C:\WINDOWS\system32>msiexec.exe/i"Notepad++.exe"/qn/norestart
C:\WINDOWS\system32>msiexec.exe/i"winamp.exe"/qn/norestart
C:\WINDOWS\system32>
```

Who has Highest privilege running in any OS?

PresentationFontCac...	1708	Running
ProtectedModuleHo...	6528	Running
QcShm.exe	12080	Running
Registry	124	Running
RstMwService.exe	5032	Running
RtkAudUService64.exe	5024	Running
RtkAudUService64.exe	12948	Running
rundll32.exe	11888	Running
RuntimeBroker.exe	10676	Running
RuntimeBroker.exe	11128	Running
RuntimeBroker.exe	12176	Running
RuntimeBroker.exe	14608	Running

Unable to terminate process

 The operation could not be completed.

Access is denied.

OK

Command to find current logged in user

```
Administrator: Command Prompt
C:\WINDOWS\system32>whoami
laptop-mpuokpav\ronin
C:\WINDOWS\system32>
```

Privilege of any User

```
Select Administrator: Command Prompt
C:\WINDOWS\system32>net user
User accounts for \\LAPTOP-MPUOKPAV
-----
Administrator          DefaultAccount          Guest
RONIN                   WDAGUtilityAccount
The command completed successfully.
C:\WINDOWS\system32>
```

Structure of File System (Documents)

```
Administrator: Command Prompt

C:\Users\RONIN\Documents>tree
Folder PATH listing for volume Windows-SSD
Volume serial number is 42DA-0A69
C:..
|---Custom Office Templates
|---MATLAB
|---My Games
|   |---Watch_Dogs 2
|   |   |---LocalStorage0
|---NetBeansProjects
|   |---18BCN7036DAA
|   |   |---build
|   |   |   |---classes
|   |   |---nbproject
|   |   |   |---private
|   |   |---src
|   |   |---test
|   |---JavaApplication3
|   |   |---src
|   |   |   |---Sports
|   |---JavaApplication5
|   |   |---build
|   |   |   |---classes
|   |   |   |   |---javaapplication5
|   |   |   |---empty
|   |   |   |---generated-sources
|   |   |   |   |---ap-source-output
|   |   |---nbproject
|   |   |   |---private
|   |   |---src
|   |   |   |---javaapplication5
|   |   |---test
|   |---JavaApplication7
|   |   |---build
|   |   |   |---classes
|   |   |   |   |---javaapplication7
|   |   |---nbproject
|   |   |   |---private
|   |   |---src
|   |   |   |---javaapplication7
|---TeamLink
|   |---logs
```

C:\Users\RONIN\Documents>

How to find file system available in the system?

```
Administrator: Command Prompt
C:\WINDOWS\system32>assoc
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3ga=VLC.3ga
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.5vw=wireshark-capture-file
.669=VLC.669
.a52=VLC.a52
.AAC=WMP11.AssocFile.ADTS
.accda=Access.ACCEAExtension.16
.accdB=Access.Application.16
.accdc=Access.ACCECFFile.16
.accdE=Access.ACCEDEFile.16
.accdR=Access.ACCEDRFile.16
.accdT=Access.ACCEDTFile.16
.accdU=Access.WizardUserDataFile.16
.accdW=Access.WebApplicationReference.16
.accft=Access.ACCEFTFile.16
.accountpicture-ms=accountpicturefile
.acl=ACLFile
.acp=wireshark-capture-file
.adE=Access.ADEFile.16
.adn=Access.BlankProjectTemplate.16
.adp=Access.Project.16
.ADT=WMP11.AssocFile.ADTS
.ADTS=WMP11.AssocFile.ADTS
.aif=VLC.aif
.aifc=VLC.aifc
.aiff=VLC.aiff
.amv=VLC.amv
.anl=anlfile
.aob=VLC.aob
.apc=wireshark-capture-file
.ape=VLC.ape
```

Reset time:

```
Administrator: Command Prompt - time
C:\WINDOWS\system32>time
The current time is: 16:00:00.02
Enter the new time: '
The system cannot accept the time entered.
Enter the new time:
```

Commands:

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19042.844]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>assoc > types.txt

C:\WINDOWS\system32>ipconfig >> netdata.txt

C:\WINDOWS\system32>sort < data.txt
The system cannot find the file specified.

C:\WINDOWS\system32>dir | sort

                131 Dir(s)  117,796,216,832 bytes free
                4375 File(s)  2,119,468,379 bytes
Directory of C:\WINDOWS\system32
Volume in drive C is Windows-SSD
Volume Serial Number is 42DA-0A69
01-02-2002  19:02                608,080 msvcp100.dll
01-02-2002  19:02                829,264 msxcr100.dll
01-03-2021  16:05                  2,560 msxml3r.dll
01-03-2021  16:05                  2,560 msxml6r.dll
01-03-2021  16:05                  2,560 tier2punctuations.dll
01-03-2021  16:05                  3,584 TpmCertResources.dll
01-03-2021  16:05                10,752 DMAAlertListener.ProxyStub.dll
01-03-2021  16:05                  11,002 DrtmAuthTxt.wim
```

Pushd and Popd Commands:

```
Administrator: Command Prompt

C:\WINDOWS\system32>cd /d "C:\Users\RONIN\Download"
The system cannot find the path specified.

C:\WINDOWS\system32>cd /d "C:\Users\RONIN\Downloads"

C:\Users\RONIN\Downloads>pushd

C:\Users\RONIN\Downloads>cd /d "C:\Users\RONIN\Documents"

C:\Users\RONIN\Documents>pushd

C:\Users\RONIN\Documents>popd

C:\Users\RONIN\Documents>
```