

PSP0201

Week 6

Writeup

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Members

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Day 21 - [Blue Teaming] Time for some ELForensics

Tool used: kali Linux, Firefox, Remmina, Powershell

Solution/Walkthrough:

Q1



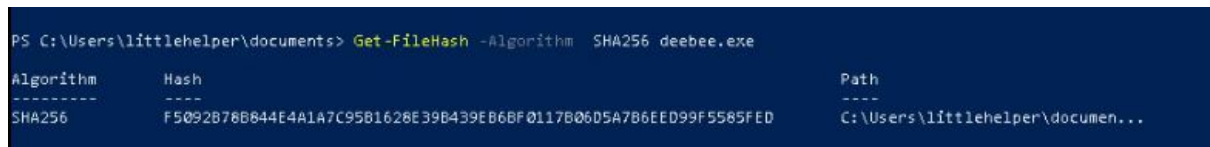
We log into the remote machine using Remmina. In the machine we found that there is a file named db.exe. We read the file and find out the file hash.

Q2



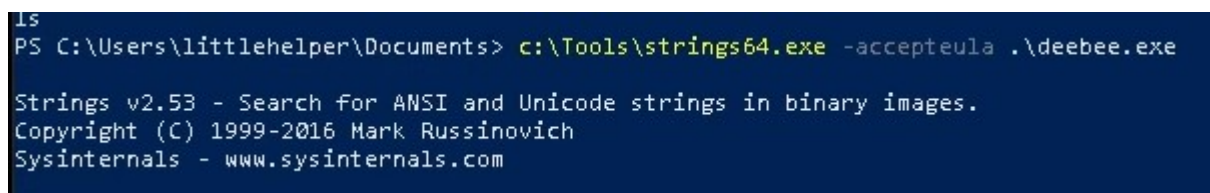
We open up the Powershell. In Powershell, we use the command from TryHackMe to get the hash of the file.

Q3

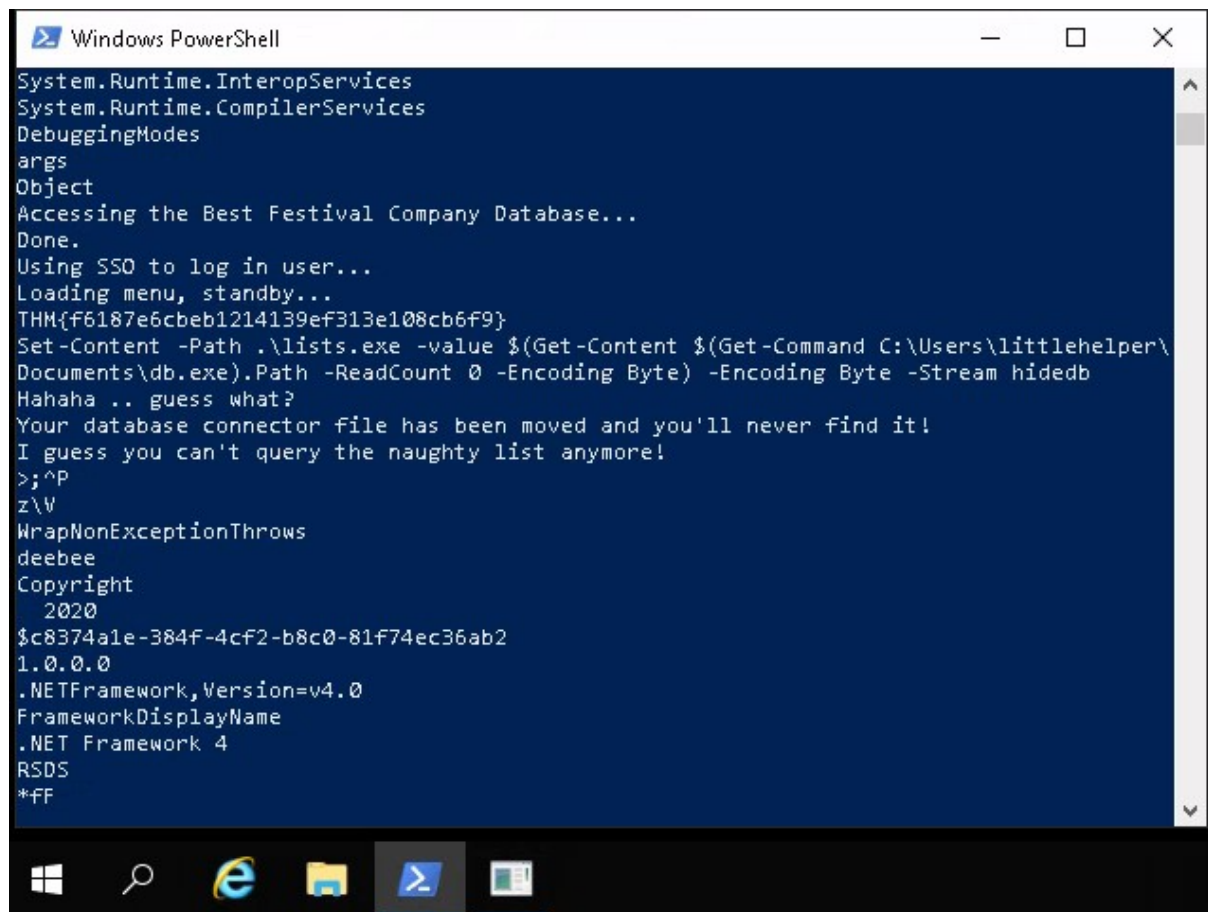


To see SHA256 file hash, we change the command from MD5 to SHA256, then we can get the hash of the file.

Q4



We then inspect the deebee.exe using the command from TryHackMe.



```
Windows PowerShell
System.Runtime.InteropServices
System.Runtime.CompilerServices
DebuggingModes
args
Object
Accessing the Best Festival Company Database...
Done.
Using SSO to log in user...
Loading menu, standby...
THM{f6187e6cbeb1214139ef313e108cb6f9}
Set-Content -Path .\lists.exe -value $(Get-Content $(Get-Command C:\Users\littlehelper\
Documents\db.exe).Path -ReadCount 0 -Encoding Byte) -Encoding Byte -Stream hidedb
Hahaha .. guess what?
Your database connector file has been moved and you'll never find it!
I guess you can't query the naughty list anymore!
>;^P
z\V
WrapNonExceptionThrows
deebee
Copyright
  2020
$c8374a1e-384f-4cf2-b8c0-81f74ec36ab2
1.0.0.0
.NETFramework,Version=v4.0
FrameworkDisplayName
.NET Framework 4
RSDS
*FF
```

After running the command, we can scan the file and see the message as well as the hidden flag.

Q5

Copy from Try Hack Me.

Q6

To view ADS in Powershell, Try Hack Me has given us the command we need. We replace the file.exe to our target file, deebee.exe and that is the command we needed.

```
</assembly>
PS C:\Users\littlehelper\Documents> Get-Item -Path deebee.exe -Stream *

PSPath      : Microsoft.PowerShell.Core\FileSystem::C:\Users\littlehelper\Documents\deebee.exe
Stream      : $DATA
Length      : 5632

PSPath      : Microsoft.PowerShell.Core\FileSystem::C:\Users\littlehelper\Documents\deebee.exe
Stream      : hidedb
Length      : 6144
```

After entering the command, we observe the 'Stream' and 'Length'. We can see a hidden file with the name of 'hidedb'.

```
PS C:\Users\littlehelper\documents> wmic process call create $(Resolve-Path C:\Users\littlehelper\documents\deebee.exe:hidedb)
Executing (Win32_Process)->Create()
Method execution successful.
Out Parameters:
Instance of __PARAMETERS
(
    ProcessId = 824;
    ReturnValue = 0;
);
PS C:\Users\littlehelper\documents>
```

We launch the hidden executable file by modifying the command provided by Try Hack Me, change the file.exe to deebee.exe and streamname to hidedb.

```
C:\Users\littlehelper\documents\deebee.exe:hidedb
Choose an option:
1) Nice List
2) Naughty List
3) Exit
THM{088731ddc7b9fdeccaed982b07c297c}
Select an option: _
```

We then can see the flag inside the file and also the missing naughty list.

Q7&Q8

We take a look at both lists to find out the name's actual location.