

LAB EXAM

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BCYS-2023S-009

HA Forensics

Desription:

HA: Forensics is an intermediate level of the lab, which gives you a hand on real-life experience in Cyber Forensic Investigation. This lab is completely dedicated to methods and tools of Cyber Forensic Investigation and there is evidence that can be found with various techniques. As it is a Capture-the-Flag, it is very important to note that it is not a root challenge, and comes with a primary motive to find all the flags.

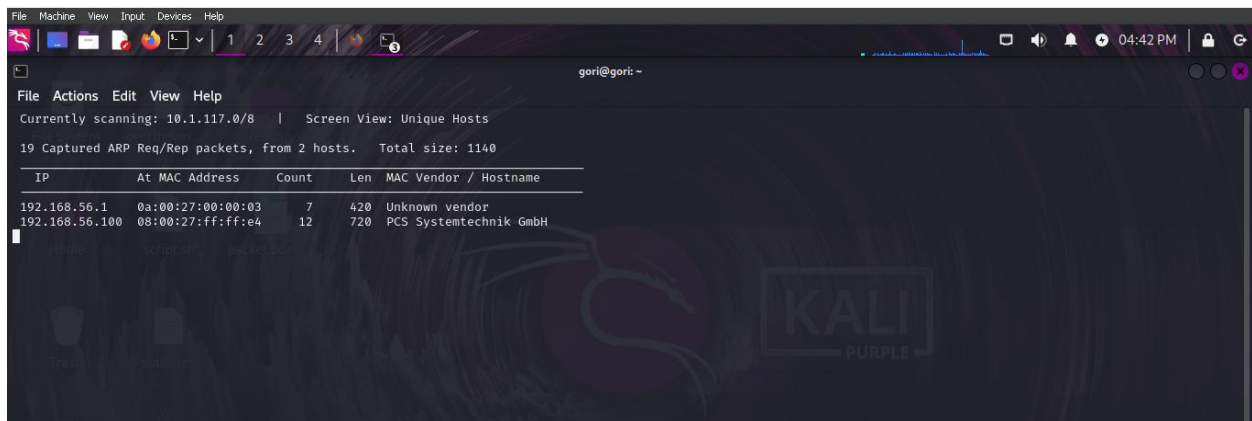
No. of Flags: 4

Objective: Find all 4 flags (Getting Root is NOT the objective)

Tools Used:

FTK imager

Autopsy



Extracting .vmdk file with FTK Imager

AccessData FTK Imager 3.1.2.0

File View Mode Help

Evidence Tree

- forensics.ova
 - [TAR]

File List

Name	Size	Type	Date Modified
forensics-disk1.vmdk	864,522	Regular File	9/24/2020 6:30:...
forensics.mf	1	Regular File	9/24/2020 6:29:...
forensics.ovf	12	Regular File	9/24/2020 6:29:...

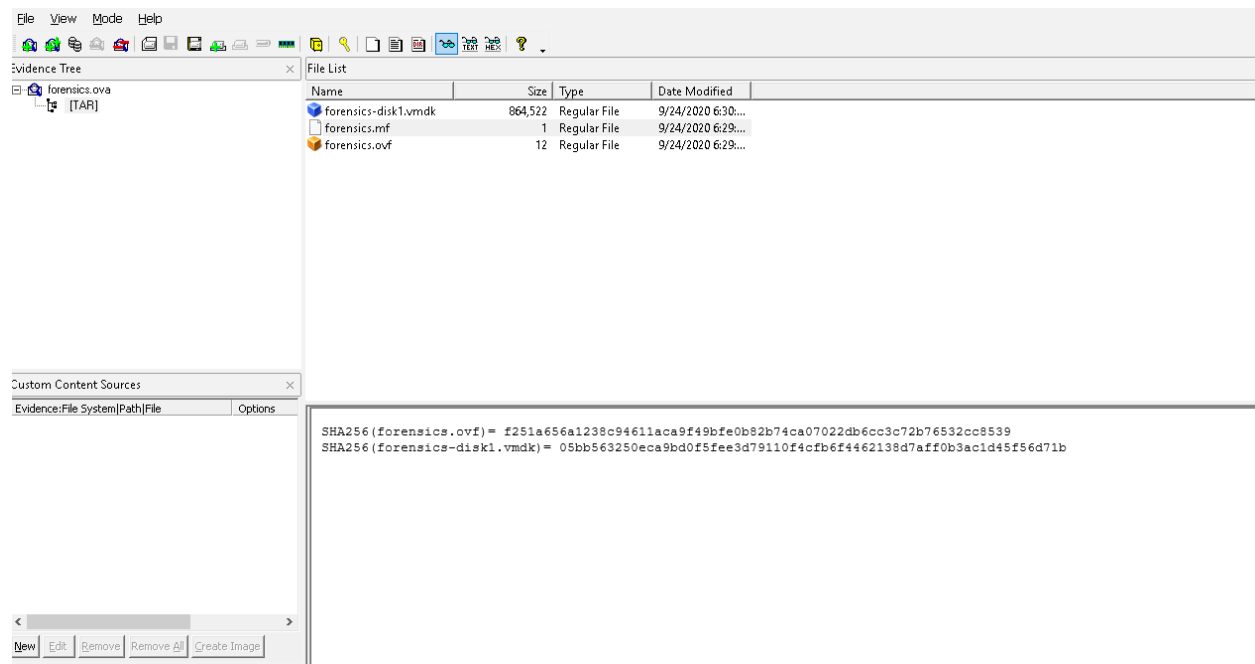
Custom Content Sources

Evidence:File System|Path|File Options

00000000	4B 44 4D 56 03 00 00 00-01 00 03 00 00 00 80 02	KDMV.....
00000010	00 00 00 00 80 00 00 00-00 00 00 00 01 00 00 00	.....
00000020	00 00 00 00 01 00 00 00-00 00 00 00 02 00 00 00	.....
00000030	00 00 00 00 00 00 00 00-FF FF FF FF FF FF FF	.....
00000040	80 00 00 00 00 00 00 00-00 0A 20 0D 0A 01 00 00	.....
00000050	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
00000060	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
00000070	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
00000080	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
00000090	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
000000a0	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
000000b0	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
000000c0	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
000000d0	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
000000e0	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
000000f0	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....
00000100	00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	.....

New Edit Remove Remove All Create Image

Properties | Hex Value Int... Custom Conte... | Cursor pos = 0



FLAG 1

Flag 1 found in fingerprint.jpg image using autopsy

ations Geolocation Timeline Discovery Generate Report Close Case

Listing /img_forensics-disk1.vmdk/vol2/var/www/html/images 14 Results

Table Thumbnail Summary Save Table as CSV

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags(Dir)	Flags(I)
10.jpg				2020-09-17 15:22:33 PKT	2020-09-17 15:36:54 PKT	2020-09-17 18:04:13 PKT	2020-09-17 15:23:39 PKT	16753	Unallocated	Allocated
2.jpg				2020-09-13 08:08:42 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	49488	Allocated	Allocated
3.jpg				2020-09-13 08:09:22 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	143029	Allocated	Allocated
4.jpg				2020-09-13 08:04:56 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	214120	Allocated	Allocated
5.jpg				2020-09-13 08:09:44 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	116747	Allocated	Allocated
6.jpg				2020-09-13 08:26:22 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	1606412	Allocated	Allocated
7.jpg				2020-09-13 08:26:46 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	82194	Allocated	Allocated
8.jpg				2020-09-13 08:27:08 PKT	2020-09-17 15:07:20 PKT	2020-09-24 19:27:54 PKT	2020-09-17 15:07:20 PKT	164769	Allocated	Allocated
dns.jpg				2020-09-13 08:35:06 PKT	2020-09-17 15:37:17 PKT	2020-09-13 08:35:06 PKT	2020-09-17 15:07:20 PKT	111035	Allocated	Allocated
dns.jpg				2020-09-13 08:35:06 PKT	2020-09-17 15:37:17 PKT	2020-09-13 08:35:06 PKT	2020-09-17 15:07:20 PKT	111035	Unallocated	Allocated
fingerprint.jpg				2020-09-17 15:22:33 PKT	2020-09-17 15:36:54 PKT	2020-09-17 18:04:13 PKT	2020-09-17 15:23:39 PKT	16753	Allocated	Allocated

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings Extracted Text Translation

Page: 1 of 2 Page Go to Page: Script: Latin - Basic

JFIF
+Flag:1 {bc02d4ffbeeab9f57c5e03de1098ff31}
!1!%) +...
383,7(-. +
%------+-----
Qa2q
\$3Cc
%5ds
QA"a2
v6lv"

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings Extracted Text Translation

Page: 1 of 2 Page Go to Page: Script: Latin - Basic

JFIF
+Flag:1 {bc02d4ffbeeab9f57c5e03de1098ff31}
!1!%) +...
383,7(-. +
%------+-----
Qa2q
\$3Cc
%5ds
QA"a2
v6lv"
j49z
;ajc
q2N'
bu+QB
~_o=
1.S2Q

Analyzing files from forensics-disk1.vmdk 1% (3 more...)

Flag 2

Communications Geolocation Timeline Discovery Generate Report Close Case

Listing /img_forensics-disk1.vmdk/vol2/var/www/html 11 Results

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags(Dir)	Flags(Me)
[current folder]				2020-09-24 19:39:14 PKT	2020-09-24 19:39:14 PKT	2020-09-24 19:39:16 PKT	2020-09-17 15:02:02 PKT	4096	Allocated	Allocated
[parent folder]				2020-09-17 15:02:02 PKT	2020-09-17 15:02:02 PKT	2020-09-23 17:05:19 PKT	2020-09-17 15:02:02 PKT	4096	Allocated	Allocated
igolder				2020-09-24 19:42:14 PKT	2020-09-24 19:42:14 PKT	2020-09-24 19:30:35 PKT	2020-09-17 16:45:48 PKT	4096	Allocated	Allocated
images				2020-09-17 15:37:17 PKT	2020-09-17 15:37:17 PKT	2020-09-23 17:05:19 PKT	2020-09-17 15:07:20 PKT	4096	Allocated	Allocated
spammimic				2020-09-24 19:42:14 PKT	2020-09-24 19:42:14 PKT	2020-09-24 19:30:35 PKT	2020-09-17 16:45:48 PKT	4096	Unallocated	Allocated
style				2020-09-13 10:32:28 PKT	2020-09-17 15:07:44 PKT	2020-09-23 17:05:19 PKT	2020-09-17 15:07:20 PKT	4096	Allocated	Allocated
style2				2020-09-13 08:49:36 PKT	2020-09-17 15:07:44 PKT	2020-09-23 17:05:19 PKT	2020-09-17 15:07:20 PKT	4096	Allocated	Allocated
.index.html.swp				2020-09-25 04:59:39 PKT	2020-09-25 04:59:39 PKT	2020-09-25 04:53:12 PKT	2020-09-25 04:53:12 PKT	8388608	Unallocated	Allocated
flag.zip				2020-09-24 19:37:42 PKT	2020-09-24 19:39:14 PKT	2020-09-24 19:39:14 PKT	2020-09-24 19:39:14 PKT	18503455	Allocated	Allocated
index.html				2020-09-24 19:29:28 PKT	2020-09-24 19:29:28 PKT	2020-09-24 19:29:31 PKT	2020-09-17 15:07:20 PKT	1690	Allocated	Allocated
tips.txt				2020-09-17 18:19:34 PKT	2020-09-17 18:19:34 PKT	2020-09-24 19:30:27 PKT	2020-09-17 16:43:26 PKT	19	Allocated	Allocated

Save Table as CSV

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Page: 1 of 1130 Page Go to Page: 1 Jump to Offset Launch in HxD

0x00000000: 50 4B 03 04 14 00 09 00 08 00 39 3B 31 51 5C 2A PK.....9:10*
0x00000010: 70 92 8D DE 02 00 6C 09 03 00 08 00 1C 00 66 6C p.....l.....f1
0x00000020: 61 67 2E 70 64 66 55 54 09 00 03 BE 47 63 5F 10 ag.pdfUT....Ge_
0x00000030: AF 6C 5F 75 78 0B 00 01 04 00 00 00 04 00 00 .l_ux.....
0x00000040: 00 00 2F 02 29 05 D0 6B 0B B0 F4 01 8D 9A D6 44 ../.)..k.....D
0x00000050: 20 9C F0 83 22 33 48 AA 34 CA 29 5A EC A7 CE 25 .."3H.4.)2...%
0x00000060: E7 54 FA A5 9D 6D 54 CE D8 F2 F5 59 E4 D5 25 82 .T...mT...Y...%
0x00000070: FA EC 69 0A 79 56 B0 D0 B1 07 29 E1 10 73 D8 82 ..i..vF....).s..

Using clue.txt decrypting it for the password of flag.zip file

Communications Geolocation Timeline Discovery Generate Report Close Case

Listing /img_forensics-disk1.vmdk/vol2/var/www/html/igolder 5 Results

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags(Dir)	Flags(Me)
clue.txt				2020-09-24 19:42:14 PKT	2020-09-24 19:42:14 PKT	2020-09-24 19:42:14 PKT	2020-09-24 19:42:14 PKT	2457	Allocated	Allocated

Save Table as CSV

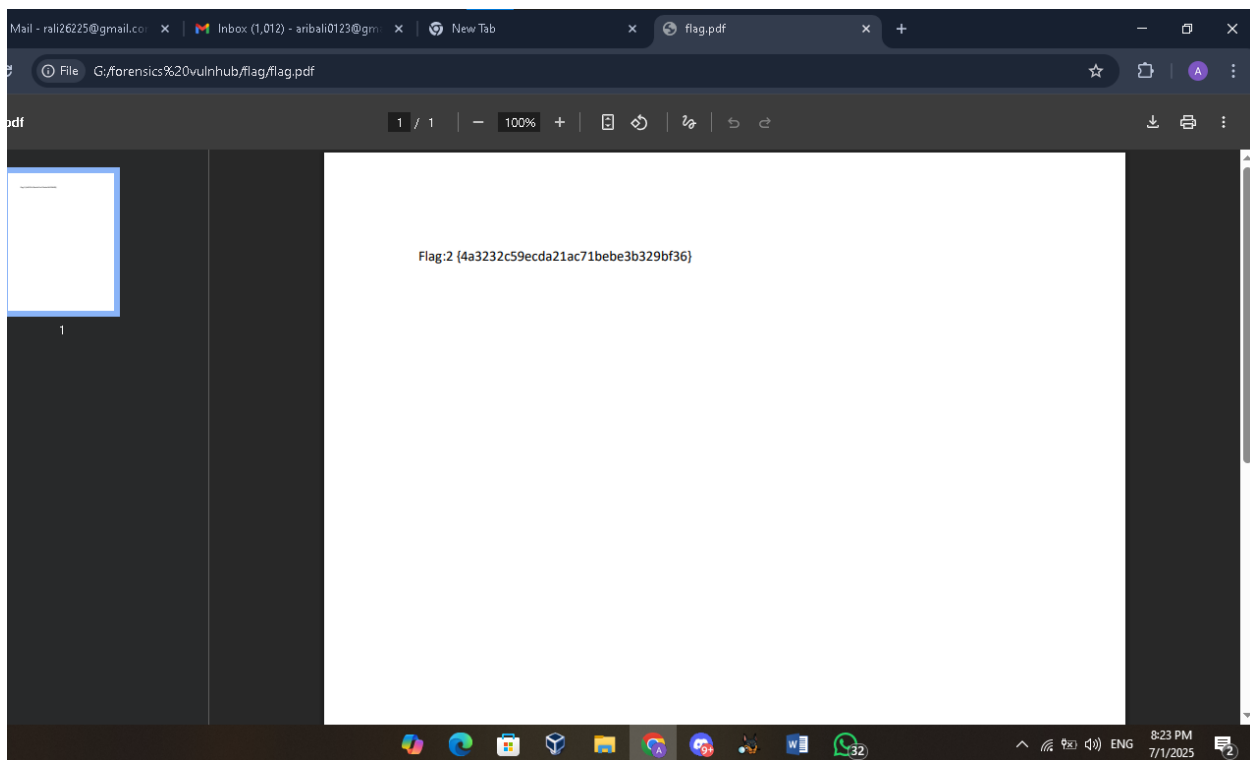
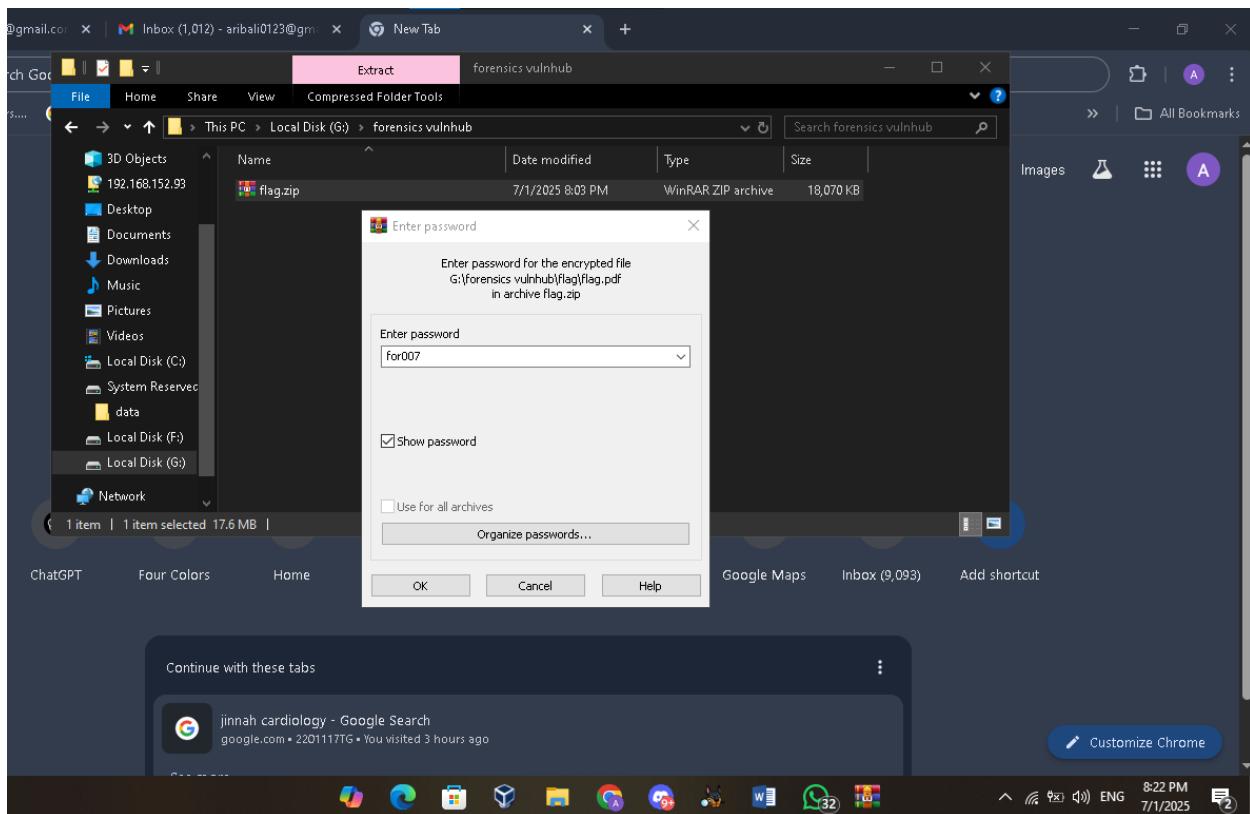
Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings: Extracted Text Translation

Page: 1 of - Page Matches on page: - of - Match 100% Reset Text Source: File Text

-----BEGIN PGP PRIVATE KEY BLOCK-----
Version: BCPG C# v1.6.1.0

IQOx8F9r70B CACvH5Vz2lp9nyVbK4yruUmxD8xPJNtIU/lqrR2d+UDEORbDI
UCILX3agpBFauZ4p863cv/TvxFrh79ln5Juk5AEulr63W4hfoVbBndLV1
X61w6TRUlls5AL0338PwPjglTEC1qIwHFCjijQd8rm/C8BvYlqH7JYmW34ST
XsKzcomVag6WvzuzfFegz28t2l2tqgPmqGApXhJ4y7H0vV/S8nCF59wsgoH
wbx:6EXk002hDxQ/W7uTCghp3glU5wckUy4tHbVtLp0/23kA/4LNMMPMAeQoIPx
AymXmEKlp+ig8rBicBw68SZgLA0hg5Z0ybABEBAAH/AwMC/MDf76N/Tu1gM8Y7
xjKap2L30Y8xeOoAeMQUueabuT2ht7B6YfEcQj4xDp2S8X0Q/P0PziHpXTK3
v5FIH5nhSAWZl6GgNHf6rdjByKT4CNiK7MVEQO7lidQP5K1Q/YhbghysyYHyBH
3TRAeWJzjzj6TtAOM1mplXOPweM1sC3ms8oFvSipPcHvNcQq58tLpGcWvmnuc
ZfqrR8fplUwZEmEvcDW1FOCvg/Bqo1p3POXYH+u7C0ML0bmzi/uzp7ELLwF2E
t681+*+uIdProHlHoyqPWIQSHFamOWmM5p95Ag7Mevgh3NHeQZCS3agBzNMW5
Uv4ZQZ1X1SSNNiOLC+TY4db28gAD+WS6sYETP:RP2OpCICBoad7S1k7nyF
RhlngmJp5glagyg9R2whUFLqOTKG+hu3N8rPm+*+dH4Ulw/jH4lxacpBBCP
Zz/NZiCmbClOTD6FC+2OCEnOW6LlOFGv2pEPJlKmaFZ8BEF5HYHUW1CqwtZ
otvmzkiYDvaV77zV/qb9gMleNNVNLZG3fcw+eCGF1wB8rno99x:ceEgJpzdOeH
TrU3yQ1JIZb/QG7v8q22hrOTy9RBe/XOnUj1+J8QVynYLcgvE8/BdnfNM
/bQkwBeohnTzIDWWKrgBX0XOTpBKZL4bk+k0U5wMpOOOKCgHtMmklmAV/+OS/G
5EDrNNDCCldeXAHJlUeVvANNyQlqVulmYbhbKcSwzkiQTDOKRGSe8+V/MK3
QyItNXG/KpnOt+*fXjvazPscXykyt7+82FeOsi4fjDFZw6P4NijWGeP+9Q8FA



Flag 3

Extracting sabot.001 from the image

The screenshot displays a forensic analysis tool interface. The top navigation bar includes icons for Geolocation, Timeline, Discovery, Generate Report, and Close Case. A search bar on the right is labeled 'Keyword Search'. The main window shows a 'Listing' tab with a table of files. The file 'sabot.001' is highlighted in blue. Below the table, the 'Metadata' tab is selected, showing details for the selected file.

File Listing Table:

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags(Dir)
[parent folder]				2020-09-17 17:40:59 PKT	2020-09-17 17:40:59 PKT	2020-09-24 20:06:27 PKT	2020-09-17 14:52:56 PKT	4096	Allocated
.cache				2020-09-17 18:41:18 PKT	2020-09-17 18:41:18 PKT	2020-09-18 02:23:38 PKT	2020-09-17 18:41:18 PKT	4096	Allocated
.local				2020-09-18 02:25:21 PKT	2020-09-18 02:25:21 PKT	2020-09-23 17:05:17 PKT	2020-09-18 02:25:21 PKT	4096	Allocated
.bash_history				2020-09-25 04:59:29 PKT	2020-09-25 04:59:29 PKT	2020-09-25 04:59:29 PKT	2020-09-18 02:26:12 PKT	27	Allocated
.bash_logout				2020-09-17 17:40:59 PKT	2020-09-17 17:40:59 PKT	2020-09-25 04:55:33 PKT	2020-09-17 17:40:59 PKT	220	Allocated
.bashrc				2020-09-17 17:40:59 PKT	2020-09-17 17:40:59 PKT	2020-09-24 20:05:17 PKT	2020-09-17 17:40:59 PKT	3771	Allocated
.profile				2020-09-17 17:40:59 PKT	2020-09-17 17:40:59 PKT	2020-09-24 20:05:17 PKT	2020-09-17 17:40:59 PKT	807	Allocated
sabot.001				2020-09-24 20:06:31 PKT	2020-09-24 20:06:31 PKT	2020-09-24 20:05:47 PKT	2020-09-24 20:05:47 PKT	0	Unallocated

Metadata for sabot.001:

- Name: /img_forensics-disk1.vmdk/vol_vol2/home/jasoo/sabot.001
- Type: File System
- MIME Type: application/octet-stream
- Size: 0
- File Name Allocation: Unallocated
- Metadata Allocation: Unallocated
- Modified: 2020-09-24 20:06:31 PKT
- Accessed: 2020-09-24 20:05:47 PKT
- Created: 2020-09-24 20:05:47 PKT
- Changed: 2020-09-24 20:06:31 PKT
- MD5: Not calculated
- SHA-256: Not calculated

Communications Geolocation Timeline Discovery Generate Report Close Case

Listing /img_saboot.001 19 Results

Table Thumbnail Summary

Save Table as CSV

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags
System Volume Information				2020-09-18 02:40:53 PKT	2020-09-18 02:40:53 PKT	2020-09-18 02:40:53 PKT	2020-09-18 02:40:53 PKT	160	Alloc
\$AttrDef				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2560	Alloc
\$BadClus				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	0	Alloc
\$BadClus:\$Bad				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	208662528	Alloc
\$Bitmap				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	6368	Alloc
\$Boot				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	8192	Alloc
\$LogFile				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2097152	Alloc
\$MFT				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	262144	Alloc
\$MFTMirr				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	4096	Alloc
\$Secure:\$SDS				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	264132	Alloc
\$UpCase				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	131072	Alloc
\$Volume				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	0	Alloc
creds.txt				2020-09-18 02:42:33 PKT	2020-09-18 02:42:33 PKT	2020-09-18 02:41:42 PKT	2020-09-18 02:41:42 PKT	24	Alloc
flag3.txt				2020-09-17 22:57:11 PKT	2020-09-18 02:40:53 PKT	2020-09-17 22:55:30 PKT	2020-09-17 22:55:30 PKT	41	Alloc

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings: Extracted Text Translation

Page: 1 of - Page Matches on page: - of - Match 100% Reset Text Source: File Text

Flag:3 {8442460f48330fe60a9497b8e0e9022f}

-----METADATA-----

9:04 PM 7/1/2025

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings: Extracted Text Translation

Page: 1 of - Page Matches on page: - of - Match 100% Reset Text Source: File Text

Flag:3 {8442460f48330fe60a9497b8e0e9022f}

-----METADATA-----

9:05 PM 7/1/2025

Flag 4

Got creds.txt file from saboot.001 file with hash code

ns

Geolocation

Timeline

Discovery

Generate Report

Close Case

Keyword Lists

Keyword Search

Listing

/img_saboot.001

19 Results

Table

Thumbnail

Summary

Save Table as CSV

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags
System Volume Information				2020-09-18 02:40:53 PKT	2020-09-18 02:40:53 PKT	2020-09-18 02:40:53 PKT	2020-09-18 02:40:53 PKT	160	Alloc
\$AttrDef				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2560	Alloc
\$BadClus				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	0	Alloc
\$BadClus:\$Bad				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	208662528	Alloc
\$Bitmap				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	6368	Alloc
\$Boot				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	8192	Alloc
\$LogFile				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2097152	Alloc
\$MFT				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	262144	Alloc
\$MFTMirr				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	4096	Alloc
\$Secure:\$SDS				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	264132	Alloc
\$UpCase				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	131072	Alloc
\$Volume				2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	2020-09-17 22:43:39 PKT	0	Alloc
creds.txt				2020-09-18 02:42:33 PKT	2020-09-18 02:42:33 PKT	2020-09-18 02:41:42 PKT	2020-09-18 02:41:42 PKT	24	Alloc
flag3.txt				2020-09-17 22:57:11 PKT	2020-09-18 02:40:53 PKT	2020-09-17 22:55:30 PKT	2020-09-17 22:55:30 PKT	41	Alloc

Hex

Text

Application

File Metadata

OS Account

Data Artifacts

Analysis Results

Context

Annotations

Other Occurrences

Strings

Extracted Text

Translation

Page: 1 of - Page

Matches on page: - of - Match

100%

Reset

Text Source: File Text

amVlbmFsaWlZYWdwb2RnaXJs

-----METADATA-----

Decrypting the code

The string `amVlbmFsaWlZYWdwb2RnaXJs` is Base64-encoded.

Let's decode it:

nginx

Copy

Edit

`amVlbmFsaWlZYWdwb2RnaXJs` → `jeenaliiisagoodgirl`

Geolocation Timeline Discovery Generate Report Close Case

Keyword Lists Keyword Search

Listing

/img_forensics-disk1.vmdk/vol_vol2/root 8 Results

Table Thumbnail Summary

Save Table as CSV

Name	S	C	O	Modified Time	Change Time	Access Time	Created Time	Size	Flags(Dir)
[current folder]				2020-09-24 20:04:47 PKT	2020-09-24 20:04:47 PKT	2020-09-24 20:03:16 PKT	2020-09-17 14:52:56 PKT	4096	Allocated
[parent folder]				2020-09-17 14:53:19 PKT	2020-09-17 14:53:19 PKT	2020-09-23 17:05:17 PKT	2020-09-17 14:52:54 PKT	4096	Allocated
.local				2020-09-17 15:09:06 PKT	2020-09-17 15:09:06 PKT	2020-09-18 02:39:31 PKT	2020-09-17 15:09:06 PKT	4096	Allocated
.bashrc				2018-04-09 16:10:28 PKT	2020-09-17 14:52:56 PKT	2018-04-09 16:10:28 PKT	2020-09-17 14:52:56 PKT	3106	Allocated
.profile				2015-08-17 20:30:33 PKT	2020-09-17 14:52:56 PKT	2015-08-17 20:30:33 PKT	2020-09-17 14:52:56 PKT	148	Allocated
4n6.001				2020-09-24 20:05:49 PKT	2020-09-24 20:05:49 PKT	2020-09-24 20:05:49 PKT	2020-09-24 20:05:49 PKT	503808	Unallocate
root.txt				2020-09-24 19:55:12 PKT	2020-09-24 19:55:12 PKT	2020-09-24 19:09:22 PKT	2020-09-24 19:08:31 PKT	1636	Allocated
saboot.001				2020-09-24 20:05:49 PKT	2020-09-24 20:05:49 PKT	2020-09-24 20:05:49 PKT	2020-09-24 20:05:49 PKT	503808	Unallocate

Hex Text Application File Metadata OS Account Data Artifacts Analysis Results Context Annotations Other Occurrences

Strings Extracted Text Translation

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Root Flag: {9440aee508b6215995219c58c8ba4b45}

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Strings Extracted Text Translation

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