2020 JBU-CTF

Forensic

문승재

문제목록

Forensic

The place

200

Broken my Hard

300

Invisible image

300

JBU CTF 공지사항 참가자목록 팀목록 스코어보드 문제목록 팀목록 내정보 로그아웃

Forensic

The place

200

Invisible image

300

Challenge 0 Solves

The place

200

당신은 수사요원이다.

폭탄이 있는 장소를 가리키는 파일을 범인이 삭제했다.

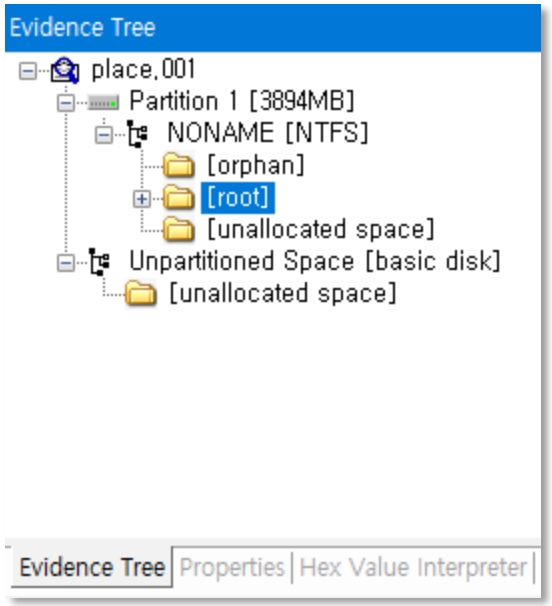
어서 복구한 뒤 장소를 알아내자.

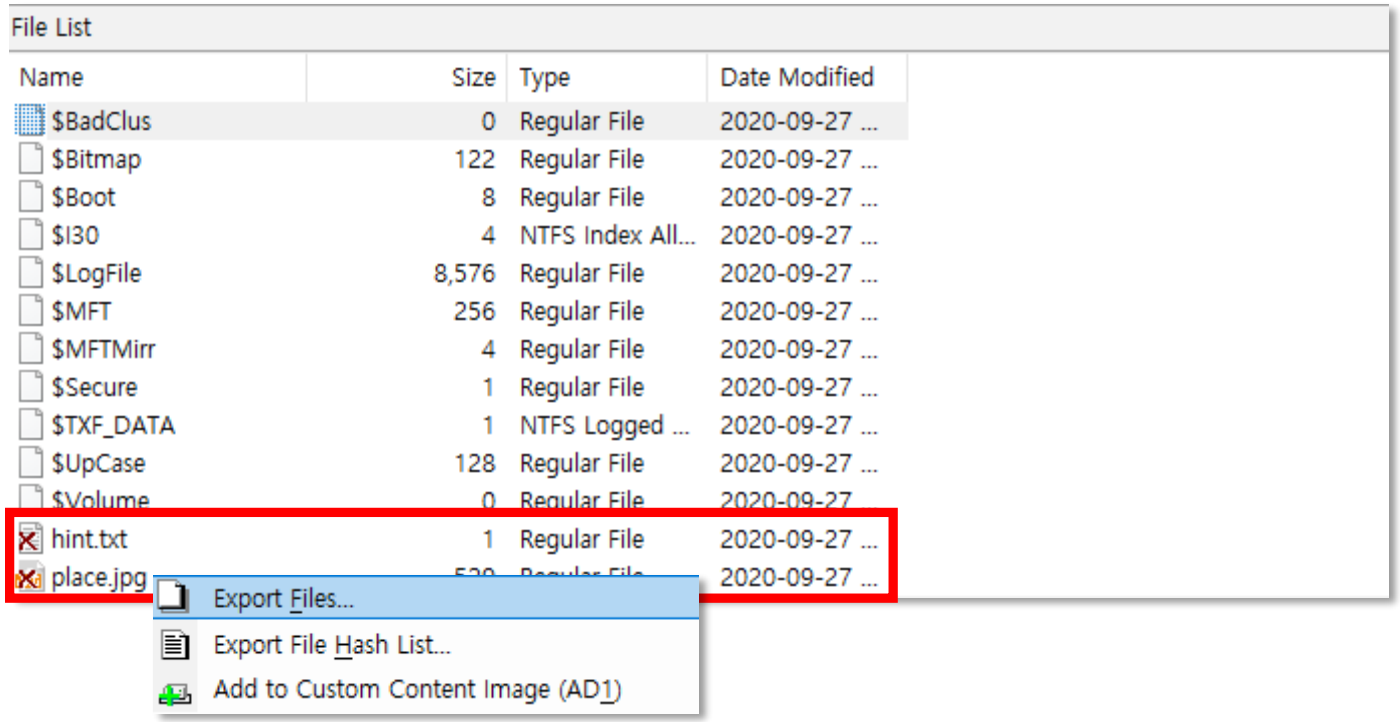
Place.zip

scpCTF{...}

Submit

문제풀이


Evidence Tree
place,001
Partition 1 [3894MB]
NONAME [NTFS]
[orphan]
[root]
[unallocated space]
Unpartitioned Space [basic disk]
[unallocated space]
Evidence Tree
Properties
Hex Value Interpreter


File List
Name
Size
Type
Date Modified
$BadClus 0 Regular File 2020-09-27 ...
$Bitmap 122 Regular File 2020-09-27 ...
$Boot 8 Regular File 2020-09-27 ...
$I30 4 NTFS Index All... 2020-09-27 ...
$LogFile 8,576 Regular File 2020-09-27 ...
$MFT 256 Regular File 2020-09-27 ...
$MFTMirr 4 Regular File 2020-09-27 ...
$Secure 1 Regular File 2020-09-27 ...
$TXF_DATA 1 NTFS Logged ... 2020-09-27 ...
$UpCase 128 Regular File 2020-09-27 ...
hint.txt 1 Regular File 2020-09-27 ...
place.jpg 2020-09-27 ...
Export Files...
Export File Hash List...
Add to Custom Content Image (AD1)

문제풀이

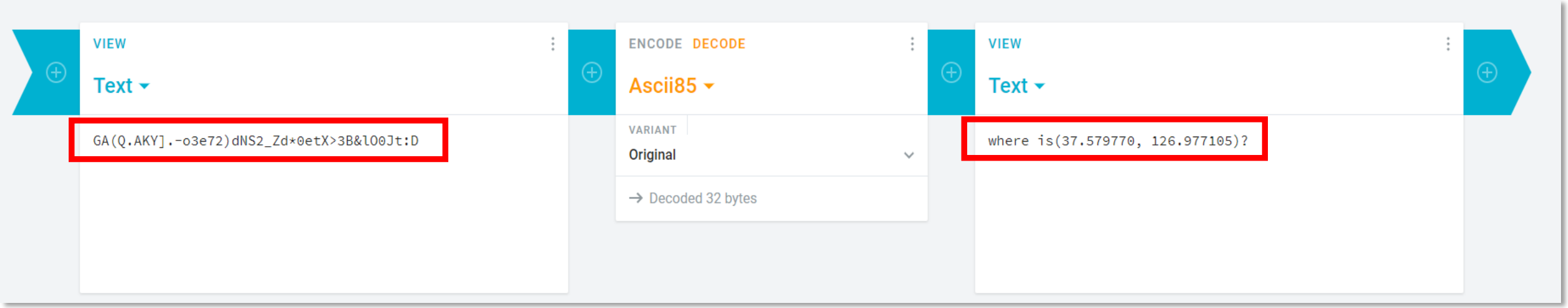
ASCII 85

Hint.txt

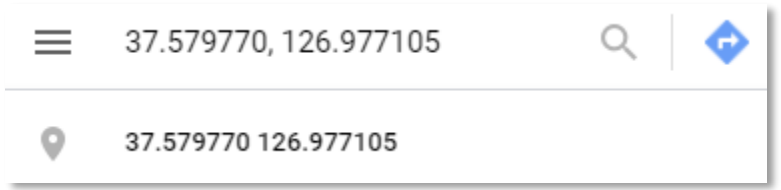
문제풀이

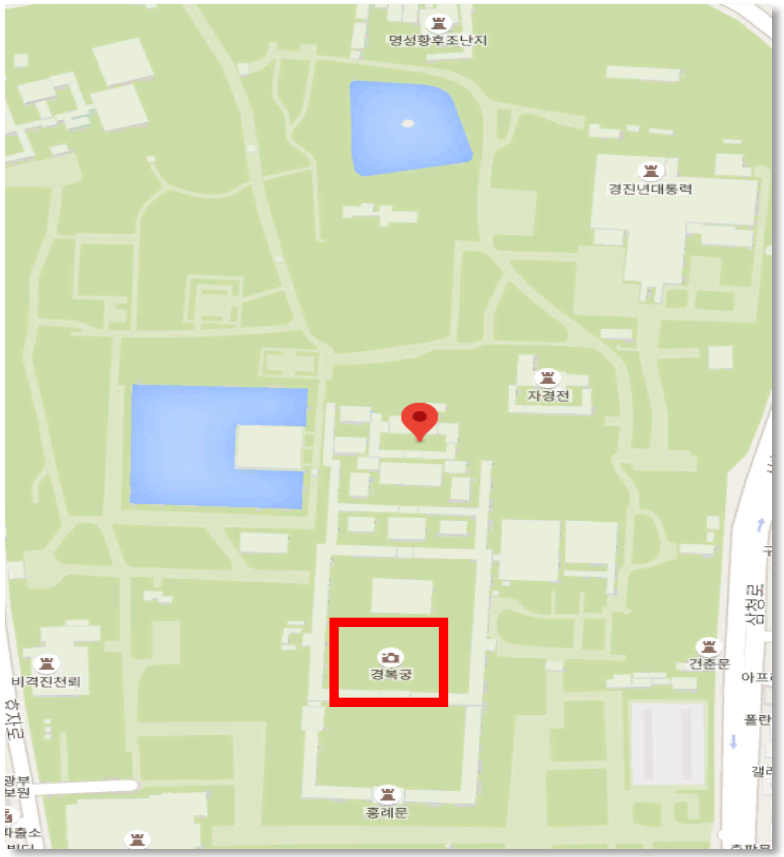
```
000841A0  A8 FB DE EC C9 AA 9F C7 4C FF D9 47 41 28 51 2E  ¨ûÞìÉªŸÇLÿÙGA(Q.
000841B0  41 4B 59 5D 2E 2D 6F 33 65 37 32 29 64 4E 53 32  AKY].-o3e72)dNS2
000841C0  5F 5A 64 2A 30 65 74 58 3E 33 42 26 6C 4F 30 4A  _Zd*0etX>3B&lO0J
000841D0  74 3A 44                                        t:D
```

문제풀이


VIEW
Text
GA(Q.AKY].-o3e72)dNS2_Zd*0etX>3B&lO0Jt:D
ENCODE DECODE
Ascii85
VARIANT
Original
→ Decoded 32 bytes
VIEW
Text
where is(37.579770, 126.977105)?

문제풀이


37.579770, 126.977105
37.579770 126.977105


명성황후조난지
경진년대통력
자경전
경복궁
비격진천뢰
건춘문
흥례문

문제목록

Forensic

The place

200

Broken my Hard

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JBU CTF 공지사항 참가자목록 팀목록 스코어보드 문제목록 팀목록 내정보 로그아웃

Forensic

The place

200

Invisible image

300

Challenge 0 Solves

Broken my Hard

300

스파이인 당신은 기밀 문서들이 가득 담긴 외장하드를 가지고 있다.

임무를 마치고 복귀하던 중 PC에 외장하드를 꽂은 이후로 외장하드에 이상이 생겼다.

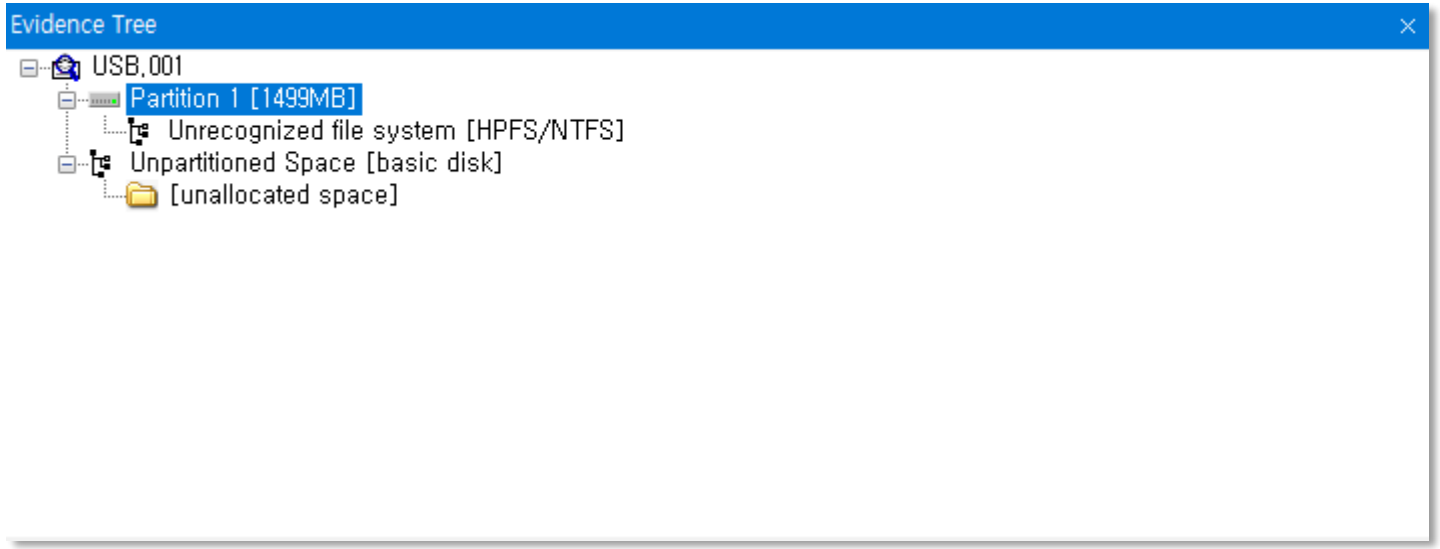
얼른 복구해서 기밀문서의 내용을 확인하자.

HDD.zip

scpCTF{...}

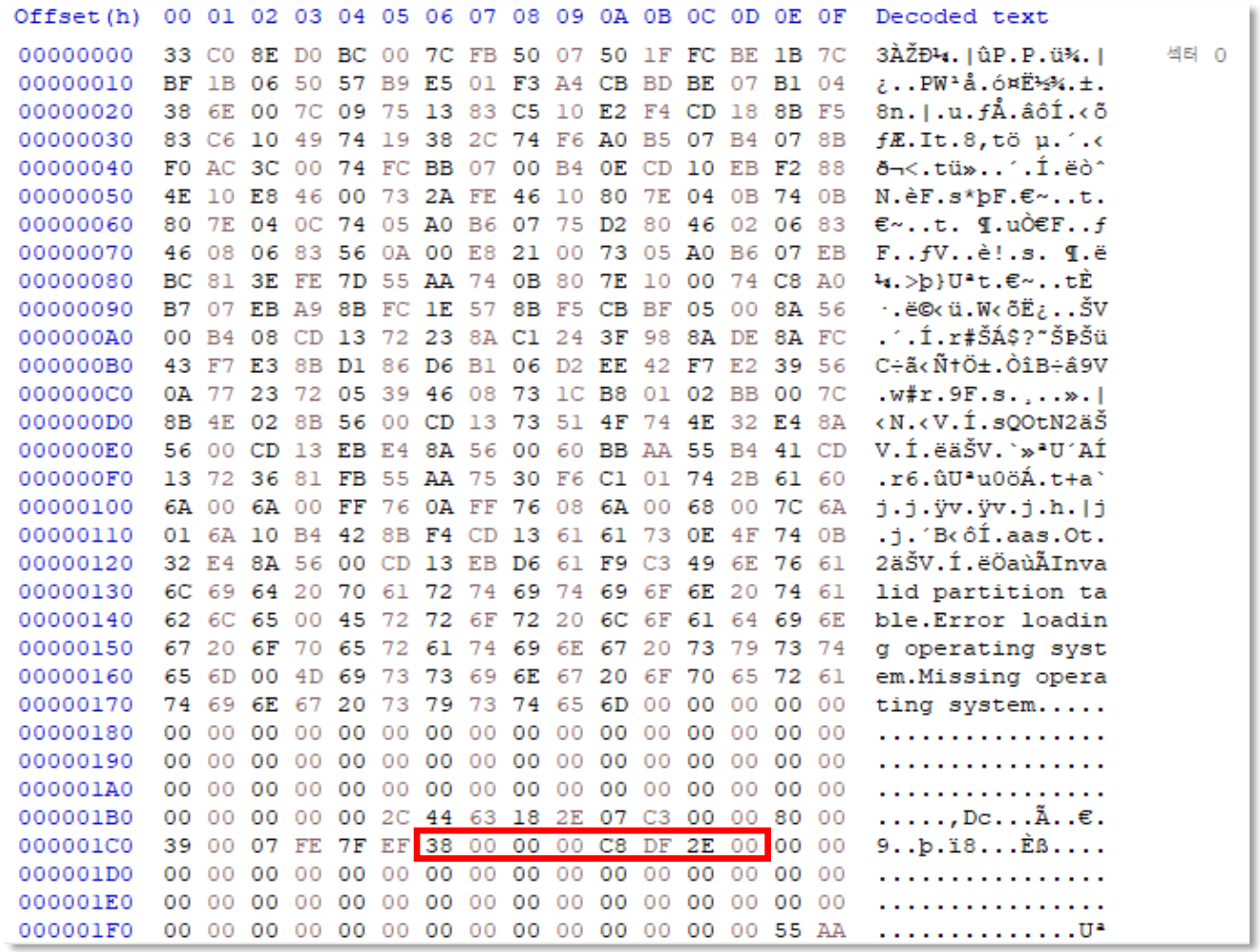
Submit

문제풀이


Evidence Tree
USB.001
Partition 1 [1499MB]
Unrecognized file system [HPFS/NTFS]
Unpartitioned Space [basic disk]
[unallocated space]

문제풀이

MBR



```
Offset(h)  00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F  Decoded text
00000000   33 C0 8E D0 BC 00 7C FB 50 07 50 1F FC BE 1B 7C  3ÀŽÐ¼.|ûP.P.ü¾.|   섹터 0
00000010   BF 1B 06 50 57 B9 E5 01 F3 A4 CB BD BE 07 B1 04  ¿..PW¹å.ó¤Ë½¾.±.
00000020   38 6E 00 7C 09 75 13 83 C5 10 E2 F4 CD 18 8B F5  8n.|.u.ƒÅ.âôÍ.‹õ
00000030   83 C6 10 49 74 19 38 2C 74 F6 A0 B5 07 B4 07 8B  ƒÆ.It.8,tö µ.´.‹
00000040   F0 AC 3C 00 74 FC BB 07 00 B4 0E CD 10 EB F2 88  ð¬<.tü»..´.Í.ëòˆ
00000050   4E 10 E8 46 00 73 2A FE 46 10 80 7E 04 0B 74 0B  N.èF.s*þF.€~..t.
00000060   80 7E 04 0C 74 05 A0 B6 07 75 D2 80 46 02 06 83  €~..t. ¶.uÒ€F..ƒ
00000070   46 08 06 83 56 0A 00 E8 21 00 73 05 A0 B6 07 EB  F..ƒV..è!.s. ¶.ë
00000080   BC 81 3E FE 7D 55 AA 74 0B 80 7E 10 00 74 C8 A0  ¼.>þ}Uªt.€~..tÈ
00000090   B7 07 EB A9 8B FC 1E 57 8B F5 CB BF 05 00 8A 56  ·.ë©‹ü.W‹õË¿..ŠV
000000A0   00 B4 08 CD 13 72 23 8A C1 24 3F 98 8A DE 8A FC  .´.Í.r#ŠÁ$?˜ŠÞŠü
000000B0   43 F7 E3 8B D1 86 D6 B1 06 D2 EE 42 F7 E2 39 56  C÷ã‹Ñ†Ö±.ÒîB÷â9V
000000C0   0A 77 23 72 05 39 46 08 73 1C B8 01 02 BB 00 7C  .w#r.9F.s.¸..».|
000000D0   8B 4E 02 8B 56 00 CD 13 73 51 4F 74 4E 32 E4 8A  ‹N.‹V.Í.sQOtN2äŠ
000000E0   56 00 CD 13 EB E4 8A 56 00 60 BB AA 55 B4 41 CD  V.Í.ëäŠV.`»ªU´AÍ
000000F0   13 72 36 81 FB 55 AA 75 30 F6 C1 01 74 2B 61 60  .r6.ûUªu0öÁ.t+a`
00000100   6A 00 6A 00 FF 76 0A FF 76 08 6A 00 68 00 7C 6A  j.j.ÿv.ÿv.j.h.|j
00000110   01 6A 10 B4 42 8B F4 CD 13 61 61 73 0E 4F 74 0B  .j.´B‹ôÍ.aas.Ot.
00000120   32 E4 8A 56 00 CD 13 EB D6 61 F9 C3 49 6E 76 61  2äŠV.Í.ëÖaùÃInva
00000130   6C 69 64 20 70 61 72 74 69 74 69 6F 6E 20 74 61  lid partition ta
00000140   62 6C 65 00 45 72 72 6F 72 20 6C 6F 61 64 69 6E  ble.Error loadin
00000150   67 20 6F 70 65 72 61 74 69 6E 67 20 73 79 73 74  g operating syst
00000160   65 6D 00 4D 69 73 73 69 6E 67 20 6F 70 65 72 61  em.Missing opera
00000170   74 69 6E 67 20 73 79 73 74 65 6D 00 00 00 00 00  ting system.....
00000180   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ................
00000190   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ................
000001A0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ................
000001B0   00 00 00 00 00 2C 44 63 18 2E 07 C3 00 00 80 00  .....,Dc...Ã..€.
000001C0   39 00 07 FE 7F EF 38 00 00 00 C8 DF 2E 00 00 00  9..þ.ï8...ÈßÀ....
000001D0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ................
000001E0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  ................
000001F0   00 00 00 00 00 00 00 00 00 00 00 00 00 00 55 AA  ..............Uª
```

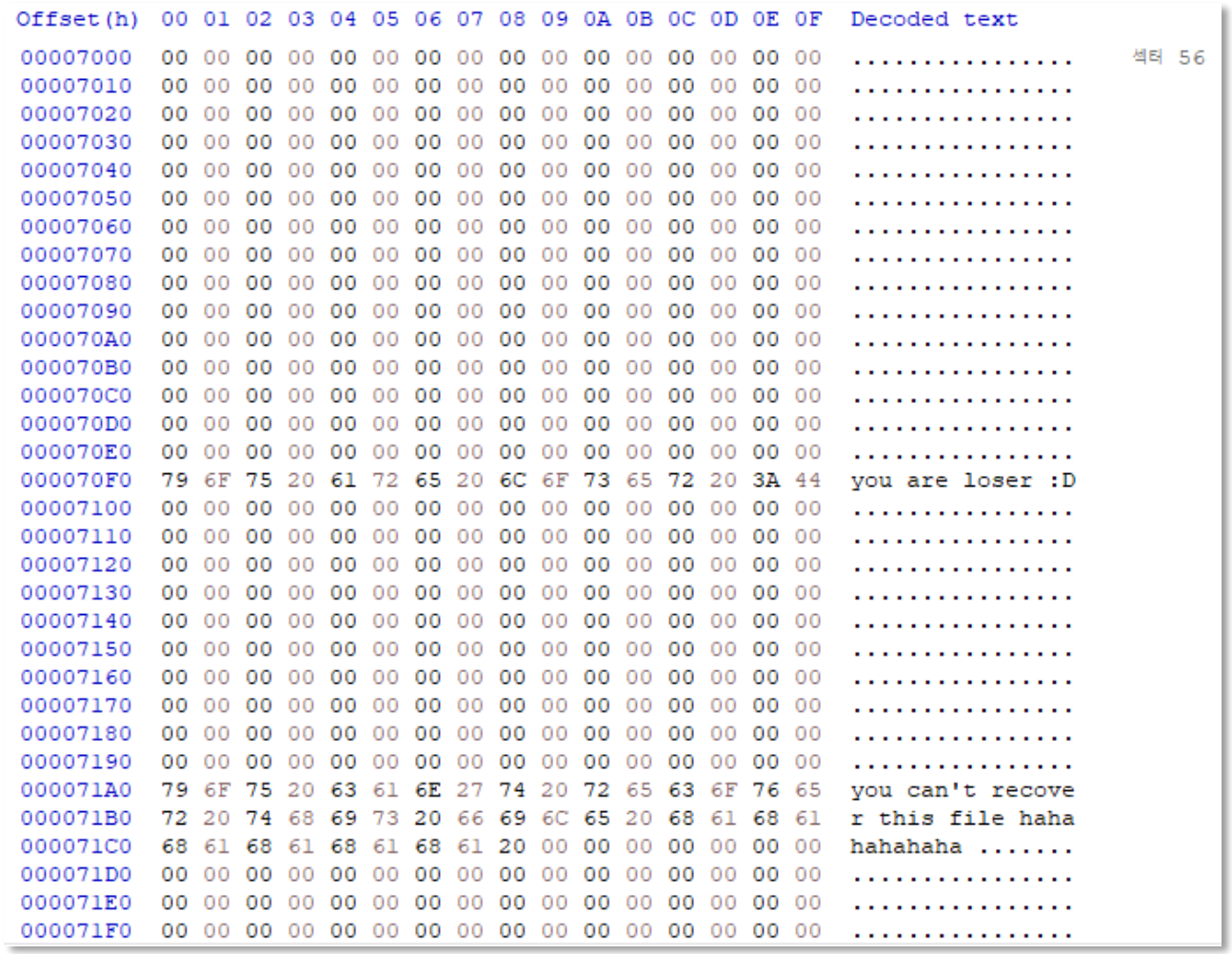
VBR

38 00 00 00

섹터 개수

C8 DF 2E 00

문제풀이

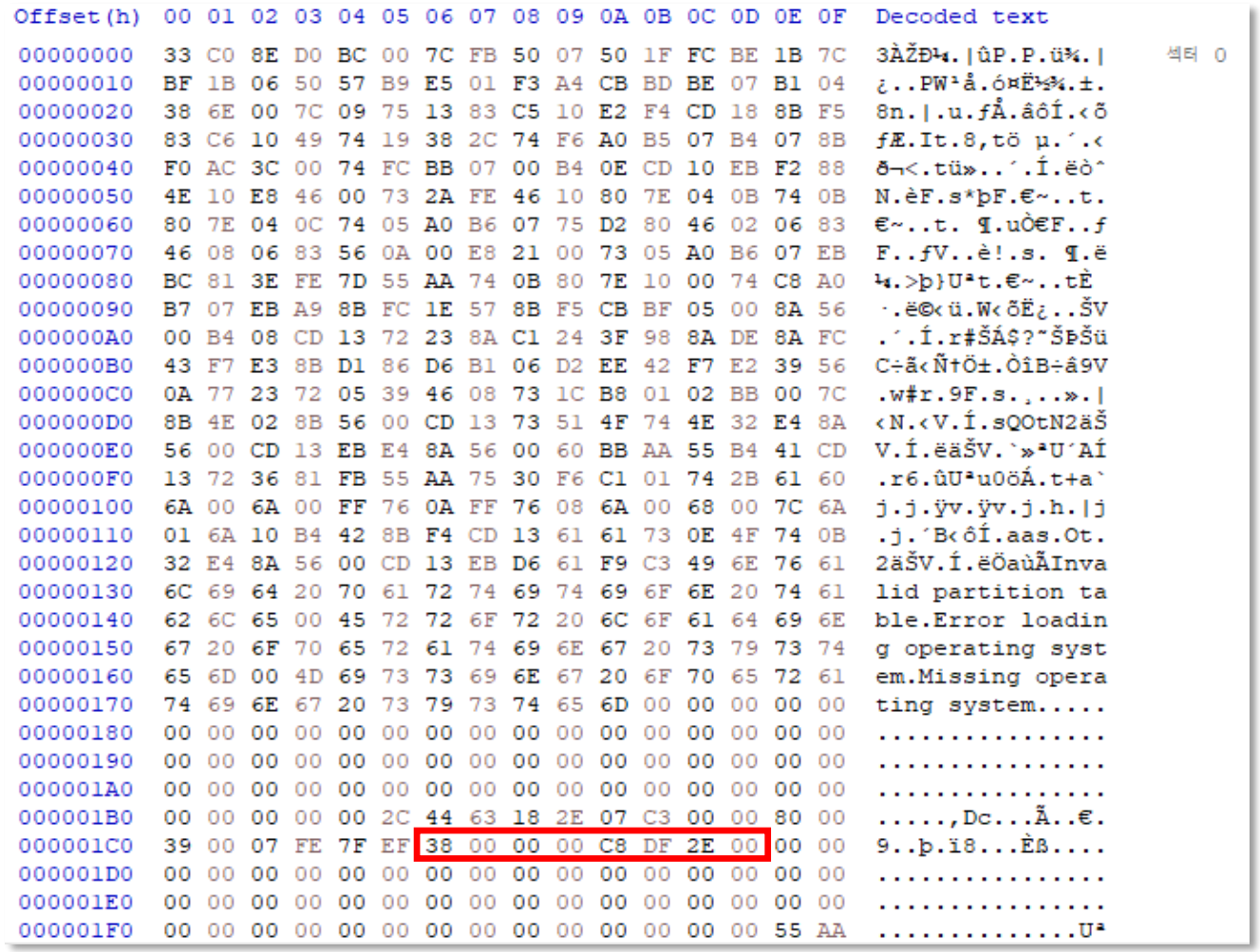


Offset(h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	Decoded text
00007000	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	..... 섹터 56
00007010	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007020	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007030	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007040	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007050	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007060	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007070	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007080	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007090	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000070A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000070B0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000070C0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000070D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000070E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000070F0	79	6F	75	20	61	72	65	20	6C	6F	73	65	72	20	3A	44	you are loser :D
00007100	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007110	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007120	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007130	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007140	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007150	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007160	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007170	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007180	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00007190	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000071A0	79	6F	75	20	63	61	6E	27	74	20	72	65	63	6F	76	65	you can't recove
000071B0	72	20	74	68	69	73	20	66	69	6C	65	20	68	61	68	61	r this file haha
000071C0	68	61	68	61	68	61	68	61	20	00	00	00	00	00	00	00	hahahaha .....
000071D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000071E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000071F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....

VBR

문제풀이

MBR



Offset(h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	Decoded text
00000000	33	C0	8E	D0	BC	00	7C	FB	50	07	50	1F	FC	BE	1B	7C	3ÀŽÐ¼.|ûP.P.ü¾.| 섹터 0
00000010	BF	1B	06	50	57	B9	E5	01	F3	A4	CB	BD	BE	07	B1	04	¿..PW¹å.ó¤Ë½¾.±.
00000020	38	6E	00	7C	09	75	13	83	C5	10	E2	F4	CD	18	8B	F5	8n.|.u.ƒÅ.âôÍ.‹õ
00000030	83	C6	10	49	74	19	38	2C	74	F6	A0	B5	07	B4	07	8B	ƒÆ.It.8,tö µ.´.‹
00000040	F0	AC	3C	00	74	FC	BB	07	00	B4	0E	CD	10	EB	F2	88	ð¬<.tü»..´.Í.ëòˆ
00000050	4E	10	E8	46	00	73	2A	FE	46	10	80	7E	04	0B	74	0B	N.èF.s*þF.€~..t.
00000060	80	7E	04	0C	74	05	A0	B6	07	75	D2	80	46	02	06	83	€~..t. ¶.uÒ€F..ƒ
00000070	46	08	06	83	56	0A	00	E8	21	00	73	05	A0	B6	07	EB	F..ƒV..è!.s. ¶.ë
00000080	BC	81	3E	FE	7D	55	AA	74	0B	80	7E	10	00	74	C8	A0	¼.>þ}Uªt.€~..tÈ
00000090	B7	07	EB	A9	8B	FC	1E	57	8B	F5	CB	BF	05	00	8A	56	·.ë©‹ü.W‹õË¿..ŠV
000000A0	00	B4	08	CD	13	72	23	8A	C1	24	3F	98	8A	DE	8A	FC	.´.Í.r#ŠÁ$?˜ŠÞŠü
000000B0	43	F7	E3	8B	D1	86	D6	B1	06	D2	EE	42	F7	E2	39	56	C÷ã‹Ñ†Ö±.ÒîB÷â9V
000000C0	0A	77	23	72	05	39	46	08	73	1C	B8	01	02	BB	00	7C	.w#r.9F.s.¸..».|
000000D0	8B	4E	02	8B	56	00	CD	13	73	51	4F	74	4E	32	E4	8A	‹N.‹V.Í.sQOtN2äŠ
000000E0	56	00	CD	13	EB	E4	8A	56	00	60	BB	AA	55	B4	41	CD	V.Í.ëäŠV.`»ªU´AÍ
000000F0	13	72	36	81	FB	55	AA	75	30	F6	C1	01	74	2B	61	60	.r6.ûUªu0öÁ.t+a`
00000100	6A	00	6A	00	FF	76	0A	FF	76	08	6A	00	68	00	7C	6A	j.j.ÿv.ÿv.j.h.|j
00000110	01	6A	10	B4	42	8B	F4	CD	13	61	61	73	0E	4F	74	0B	.j.´B‹ôÍ.aas.Ot.
00000120	32	E4	8A	56	00	CD	13	EB	D6	61	F9	C3	49	6E	76	61	2äŠV.Í.ëÖaùÃInva
00000130	6C	69	64	20	70	61	72	74	69	74	69	6F	6E	20	74	61	lid partition ta
00000140	62	6C	65	00	45	72	72	6F	72	20	6C	6F	61	64	69	6E	ble.Error loadin
00000150	67	20	6F	70	65	72	61	74	69	6E	67	20	73	79	73	74	g operating syst
00000160	65	6D	00	4D	69	73	73	69	6E	67	20	6F	70	65	72	61	em.Missing opera
00000170	74	69	6E	67	20	73	79	73	74	65	6D	00	00	00	00	00	ting system.....
00000180	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00000190	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000001A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000001B0	00	00	00	00	00	2C	44	63	18	2E	07	C3	00	00	80	00	.....,Dc...Ã..€.
000001C0	39	00	07	FE	7F	EF	38	00	00	00	C8	DF	2E	00	00	00	9..þ.ï8...ÈßÀ....
000001D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000001E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000001F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	55	AA	.....Uª

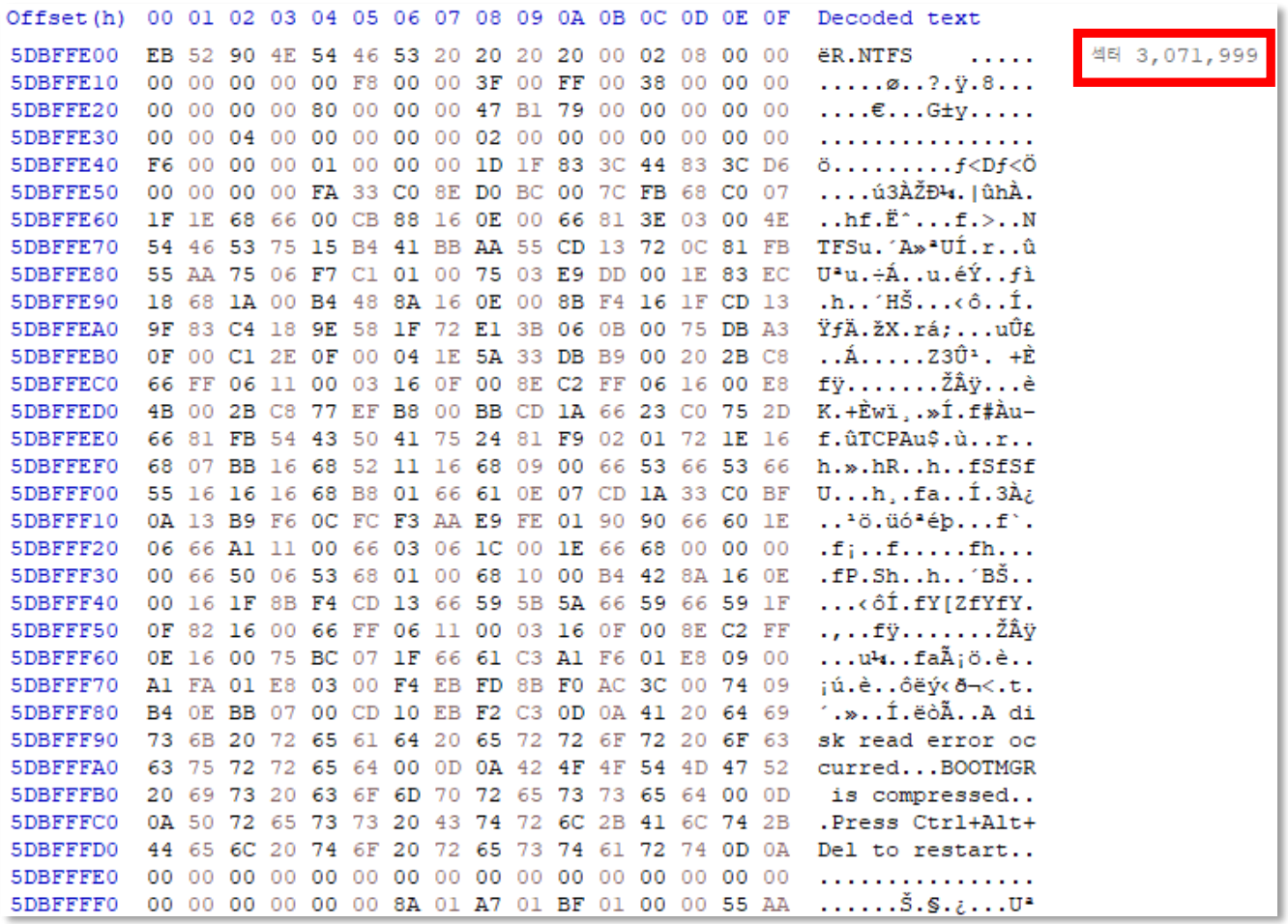
VBR

38 00 00 00

섹터 개수

C8 DF 2E 00

문제풀이

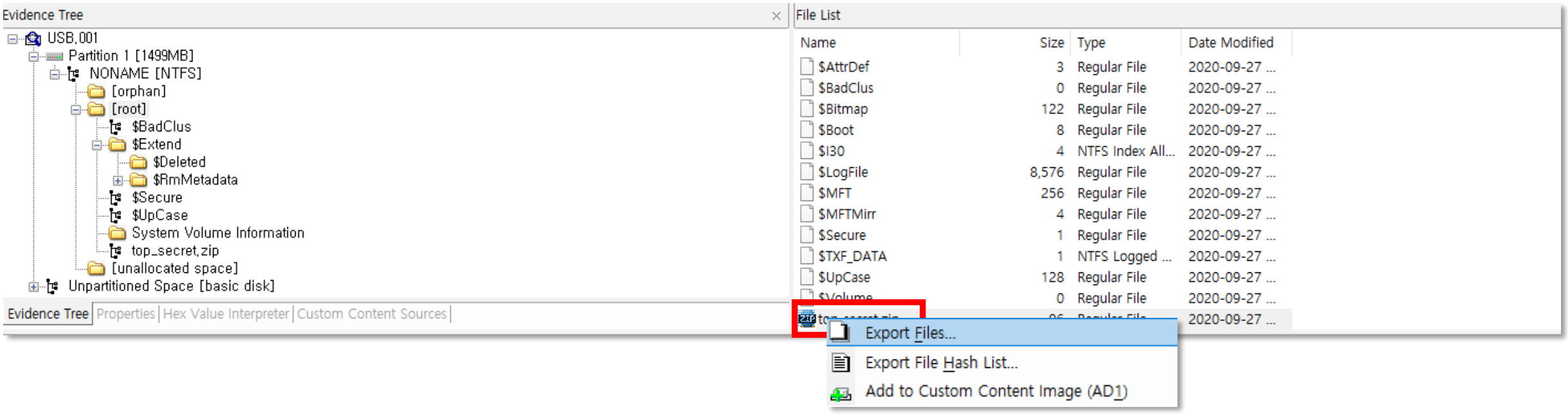


Offset(h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	Decoded text
5DBFFE00	EB	52	90	4E	54	46	53	20	20	20	20	00	02	08	00	00	ëR.NTFS ..... 섹터 3,071,999
5DBFFE10	00	00	00	00	00	F8	00	00	3F	00	FF	00	38	00	00	00	.....ø..?.ÿ.8...
5DBFFE20	00	00	00	00	80	00	00	00	47	B1	79	00	00	00	00	00	....€...G±y.....
5DBFFE30	00	00	04	00	00	00	00	00	02	00	00	00	00	00	00	00	....
5DBFFE40	F6	00	00	00	01	00	00	00	1D	1F	83	3C	44	83	3C	D6	ö.........ƒ<Dƒ<Ö
5DBFFE50	00	00	00	00	FA	33	C0	8E	D0	BC	00	7C	FB	68	C0	07	....ú3ÀŽÐ¼.|ûhÀ.
5DBFFE60	1F	1E	68	66	00	CB	88	16	0E	00	66	81	3E	03	00	4E	..hf.Ëˆ...f.>..N
5DBFFE70	54	46	53	75	15	B4	41	BB	AA	55	CD	13	72	0C	81	FB	TFSu.´A»ªUÍ.r..û
5DBFFE80	55	AA	75	06	F7	C1	01	00	75	03	E9	DD	00	1E	83	EC	Uªu.÷Á..u.éÝ..ƒì
5DBFFE90	18	68	1A	00	B4	48	8A	16	0E	00	8B	F4	16	1F	CD	13	.h..´HŠ...‹ô..Í.
5DBFFEA0	9F	83	C4	18	9E	58	1F	72	E1	3B	06	0B	00	75	DB	A3	ŸƒÄ.žX.rá;...uÛ£
5DBFFEB0	0F	00	C1	2E	0F	00	04	1E	5A	33	DB	B9	00	20	2B	C8	..Á.....Z3Û¹. +È
5DBFFEC0	66	FF	06	11	00	03	16	0F	00	8E	C2	FF	06	16	00	E8	fÿ.......ŽÂÿ...è
5DBFFED0	4B	00	2B	C8	77	EF	B8	00	BB	CD	1A	66	23	C0	75	2D	K.+Èwï¸.»Í.f#Àu-
5DBFFEE0	66	81	FB	54	43	50	41	75	24	81	F9	02	01	72	1E	16	f.ûTCPAu$.ù..r..
5DBFFEF0	68	07	BB	16	68	52	11	16	68	09	00	66	53	66	53	66	h.».hR..h..fSfSf
5DBFFF00	55	16	16	16	68	B8	01	66	61	0E	07	CD	1A	33	C0	BF	U...h¸.fa..Í.3À¿
5DBFFF10	0A	13	B9	F6	0C	FC	F3	AA	E9	FE	01	90	90	66	60	1E	..¹ö.üóªéþ...f`.
5DBFFF20	06	66	A1	11	00	66	03	06	1C	00	1E	66	68	00	00	00	.f¡..f.....fh...
5DBFFF30	00	66	50	06	53	68	01	00	68	10	00	B4	42	8A	16	0E	.fP.Sh..h..´BŠ..
5DBFFF40	00	16	1F	8B	F4	CD	13	66	59	5B	5A	66	59	66	59	1F	...‹ôÍ.fY[ZfYfY.
5DBFFF50	0F	82	16	00	66	FF	06	11	00	03	16	0F	00	8E	C2	FF	.‚..fÿ.......ŽÂÿ
5DBFFF60	0E	16	00	75	BC	07	1F	66	61	C3	A1	F6	01	E8	09	00	...u¼..faÃ¡ö.è..
5DBFFF70	A1	FA	01	E8	03	00	F4	EB	FD	8B	F0	AC	3C	00	74	09	¡ú.è..ôëý‹ð¬<.t.
5DBFFF80	B4	0E	BB	07	00	CD	10	EB	F2	C3	0D	0A	41	20	64	69	´.»..Í.ëòÃ..A di
5DBFFF90	73	6B	20	72	65	61	64	20	65	72	72	6F	72	20	6F	63	sk read error oc
5DBFFFA0	63	75	72	72	65	64	00	0D	0A	42	4F	4F	54	4D	47	52	curred...BOOTMGR
5DBFFFB0	20	69	73	20	63	6F	6D	70	72	65	73	73	65	64	00	0D	is compressed..
5DBFFFC0	0A	50	72	65	73	73	20	43	74	72	6C	2B	41	6C	74	2B	.Press Ctrl+Alt+
5DBFFFD0	44	65	6C	20	74	6F	20	72	65	73	74	61	72	74	0D	0A	Del to restart..
5DBFFFE0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	....
5DBFFFF0	00	00	00	00	00	00	8A	01	A7	01	BF	01	00	00	55	AA	......Š.§.¿...Uª

백업 VBR

0x38 + 0x2EDFC8 -1

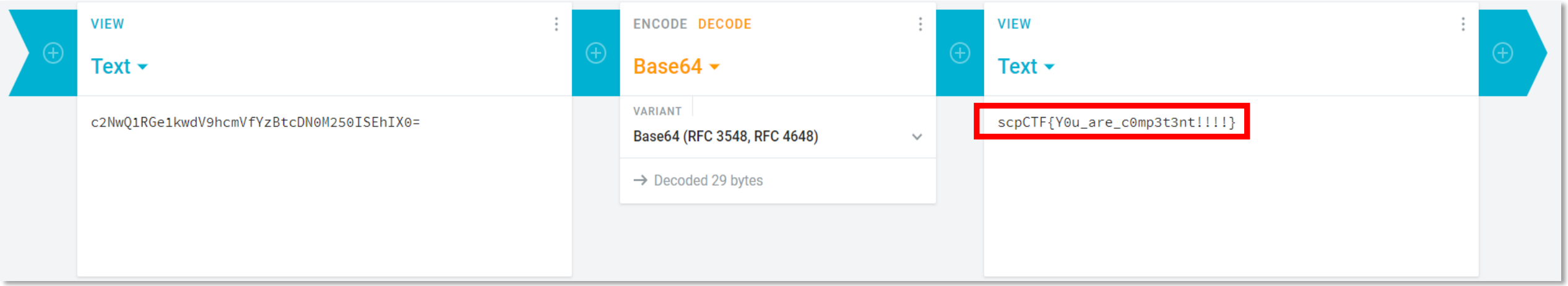
문제풀이


Evidence Tree
USB,001
Partition 1 [1499MB]
NONAME [NTFS]
[orphan]
[root]
$BadClus
$Extend
$Deleted
$RmMetadata
$Secure
$UpCase
System Volume Information
top_secret.zip
[unallocated space]
Unpartitioned Space [basic disk]
Evidence Tree
Properties
Hex Value Interpreter
Custom Content Sources
File List
Name
Size
Type
Date Modified
$AttrDef 3 Regular File 2020-09-27 ...
$BadClus 0 Regular File 2020-09-27 ...
$Bitmap 122 Regular File 2020-09-27 ...
$Boot 8 Regular File 2020-09-27 ...
$I30 4 NTFS Index All... 2020-09-27 ...
$LogFile 8,576 Regular File 2020-09-27 ...
$MFT 256 Regular File 2020-09-27 ...
$MFTMirr 4 Regular File 2020-09-27 ...
$Secure 1 Regular File 2020-09-27 ...
$TXF_DATA 1 NTFS Logged ... 2020-09-27 ...
$UpCase 128 Regular File 2020-09-27 ...
0 Regular File 2020-09-27 ...
2020-09-27 ...
Export Files...
Export File Hash List...
Add to Custom Content Image (AD1)

문제풀이

c2NwQ1RGe1kwdV9hcmVfYzBtcDN0M250ISEhIX0=

문제풀이


VIEW
Text
c2NwQ1RGe1kwdV9hcmVfYzBtcDN0M250ISEhIX0=
ENCODE DECODE
Base64
VARIANT
Base64 (RFC 3548, RFC 4648)
→ Decoded 29 bytes
VIEW
Text
scpCTF{Y0u_are_c0mp3t3nt!!!!}

문제목록

Forensic

The place

200

Broken my Hard

300

Invisible image

300

JBU CTF 공지사항 참가자목록 팀목록 스코어보드 문제목록 팀목록 내정보 로그아웃

Forensic

The place

200

Invisible image

300

Challenge 0 Solves

Invisible image

300

인터넷에서 발표에 필요한 이미지를 다운받았다.

어?!?!?!?!?

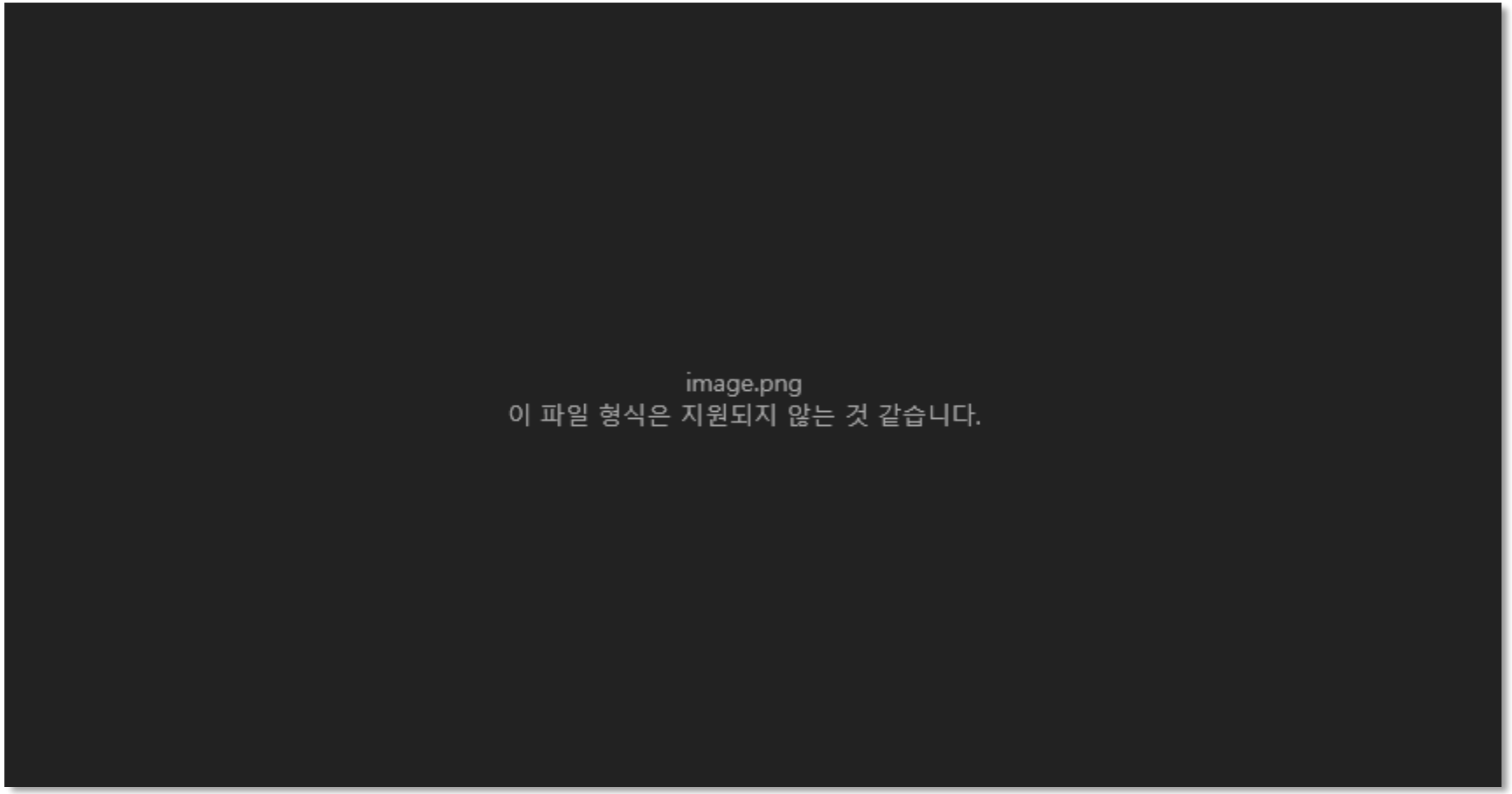
이미지가 이상하다.... 한번 고쳐볼까??

Image.zip

scpCTF{...}

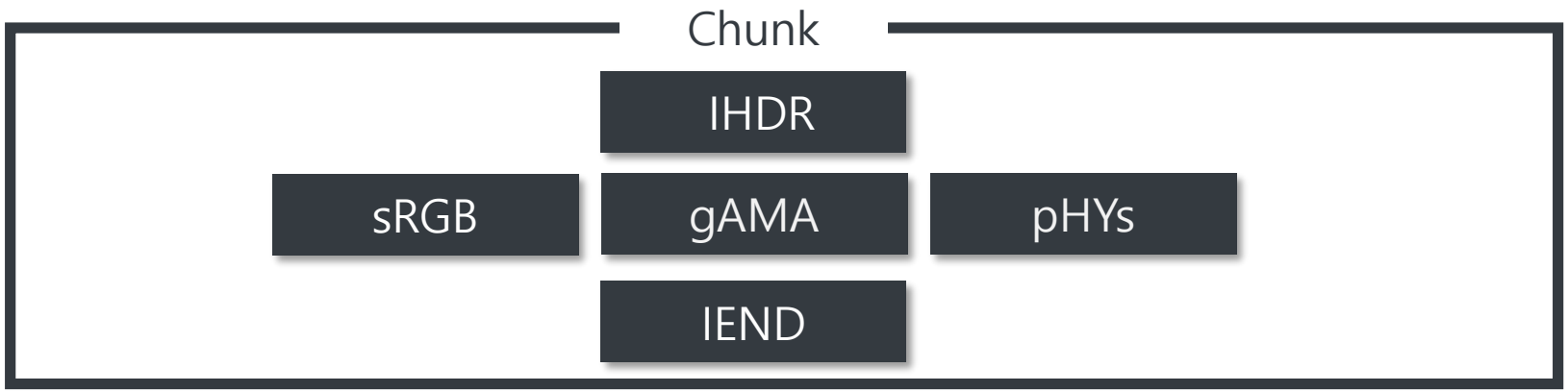
Submit

문제풀이

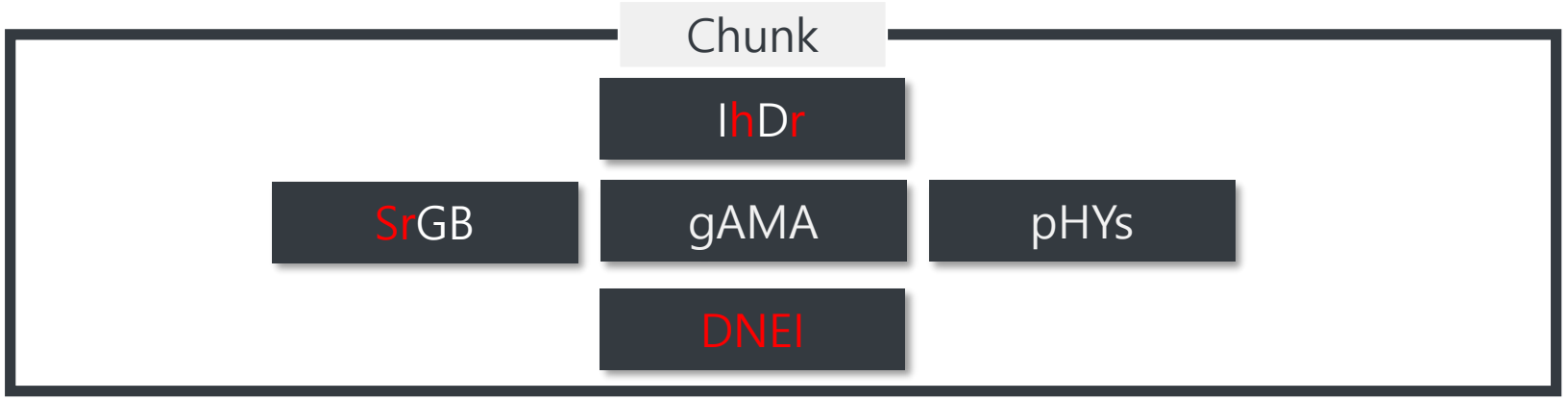


문제풀이

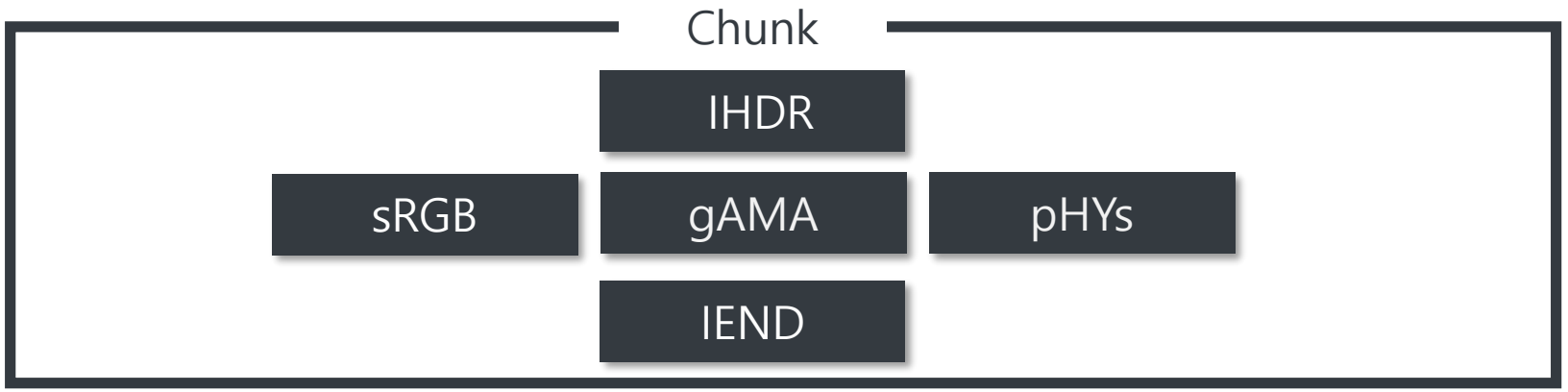
Offset(h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	Decoded text
00000000	89	50	4E	47	0D	0A	1A	0A	00	00	00	0D	49	68	44	72	%PNG.....IhDr
00000010	00	00	03	52	00	00	01	00	08	06	00	00	00	F0	CD	BA	...R.....ðÍº
00000020	BC	00	00	00	01	53	72	47	42	00	AE	CE	1C	E9	00	00	¼...SrGB®Î.é..
00000030	00	04	67	41	4D	41	00	00	B1	8F	0B	FC	61	05	00	00	..gAMA..±..üa...
00000040	00	09	70	48	59	73	00	00	0E	C3	00	00	0E	C3	01	C7	..pHYs...Ã...Ã.Ç
00000050	6F	A8	64	00	00	FF	A5	49	44	41	54	78	5E	EC	9D	05	o¨d..ÿ¥IDATx^ì..
00000060	60	5C	D5	D6	85	57	DC	DD	93	4A	EA	EE	AE	14	4A	29	`\ÕÖ…WÜÝ"Jêî®.J)



문제풀이



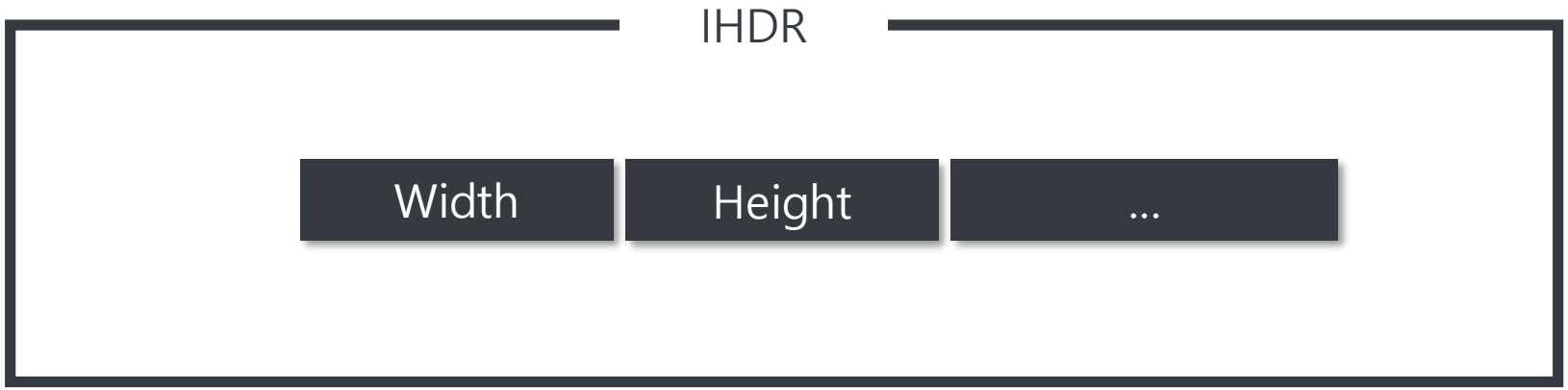
문제풀이



문제풀이

문제풀이

Offset(h)	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	Decoded text
00000000	89	50	4E	47	0D	0A	1A	0A	00	00	00	0D	49	48	44	52	‰PNG........IHDR
00000010	00	00	03	52	00	00	01	00	08	06	00	00	00	F0	CD	BA	...R.........ðÍº



문제풀이

문제목록

Forensic

The place

200

Broken my Hard

300

Invisible image

300

감사합니다.