



00           Block Number.  
 D75A7711    Tag UID number.  
 BABD51AA    nt  
 388B5486    nr  
 823675B4    ar  
 00000000    at            If authentication failed, fixed as 0 here.

Also we have example here,What the detectionlog file looks like.you can see the demo in file.

```
J:\Desktop\RevG测试固件>J:\Desktop\RevG测试固件\DetectionAnalyse.exe 12345
SystemBoot.
SystemBoot.
SystemBoot.
SystemBoot.
SystemBoot.
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 82C8D8FE 778C3DB4 3FF247DA 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 2F112D05 882A4AFC 3648779D 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F F30D23E5 94CF811B 81B4DE78 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 84B814A2 2D3DCF85 C3E6A8F3 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F C4158AE5 7BC4864C 21C23736 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F D5F3D9E4 3F51C128 7A88F48F 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 6D61FF34 6F139DFE B8F9594D 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 1E0FC02C 690FA111 C0F5237F 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F E24C4FDD CBCE6D64 732C26E5 00000000
SystemBoot.
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 82C8D8FE 8713CEC0 4237ED7C 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 2F112D05 882A4AFC 3648779D 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F F30D23E5 BCFBA22C 043FEBDC 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 84B814A2 45C845BD FDA1D68B 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F C4158AE5 93B3F2F9 1B42421E 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F D5F3D9E4 176D8BB4 78ACF36B 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 6D61FF34 87328288 B39E0265 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 1E0FC02C 690FA111 C0F5237F 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F E24C4FDD CBCE6D64 732C26E5 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 970E3462 2FE779F7 233079C9 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 46869CC4 18C1D4F5 94E0F376 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F 09D10853 2AF63C18 FF18BD9D 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F B7CB19EE 72675947 7E43D0BD 00000000
Auth: Block= 1 KeyB Nest=0 Err. uid=BC59FC0F ADA5D133 D15AD100 61BAAF2E 00000000
SystemBoot.
```

The detection log will has every time readers traces. "nt" challenge is not same every time, So we need use MFKEY32 V2, not MFKEY32 anymore.

If at has a no zero vale, it means the auth is succesful.(cuz you upload a dump before)

If at=00000000 means auth failed. Then we use couple data to run mfkey32v2 to crack keys.

```

systemboot.
Auth: Block= 0 KeyA Nest=0 Err. uid=BC59FC0F FC571255 BF3A997E 37C6A8DC 00000000
Auth: Block= 0 KeyA Nest=0 Err. uid=BC59FC0F FF2CA529 8E0F28AE 6C952BFA 00000000
Auth: Block= 0 KeyA Nest=0 OK . uid=BC59FC0F 22EE5D0D F0A1897A 71B9C8A1 06AC3213
Auth: Block= 0 KeyB Nest=1 OK . uid=BC59FC0F D2BCBE85 C2A26934 A69AA0FD 9F35EF28
Auth: Block= 4 KeyA Nest=1 OK . uid=BC59FC0F 18DFCCC6 3E826D49 B2B5633F 31C0965F
Auth: Block= 4 KeyB Nest=1 OK . uid=BC59FC0F BF309815 4E2583C9 76F84ED3 8B92F353
Auth: Block= 8 KeyA Nest=1 OK . uid=BC59FC0F 2759B66B 0FA7329D 47AC66C4 801BA8B4
Auth: Block= 8 KeyB Nest=1 OK . uid=BC59FC0F 2FC59B0A 1F4A2D62 D94740C9 7A114670
Auth: Block=12 KeyA Nest=1 OK . uid=BC59FC0F F487C57B 25F308C4 327B4AAA 93FB86AF
Auth: Block=12 KeyB Nest=1 OK . uid=BC59FC0F B15C01AD D36B7854 F50D6681 E38C0E62
Auth: Block=16 KeyA Nest=1 OK . uid=BC59FC0F 4F02A251 BE1C0265 7E40FF47 7C3380C7
Auth: Block=16 KeyB Nest=1 OK . uid=BC59FC0F 2CE41B72 DF49098E A3FE2C21 CF3171B9
Auth: Block=20 KeyA Nest=1 OK . uid=BC59FC0F 9F41103C 6E3AF607 EAA385A8 CE51CEE7
Auth: Block=20 KeyB Nest=1 OK . uid=BC59FC0F D4B84B57 D316ACDD D8B5B52D 36983457
Auth: Block=24 KeyA Nest=1 OK . uid=BC59FC0F CFC51CEB 0B527E22 4A913663 0F32323F
Auth: Block=24 KeyB Nest=1 OK . uid=BC59FC0F 92EA7BAD 05534539 E968C423 7245DBE2
Auth: Block=28 KeyA Nest=1 OK . uid=BC59FC0F 966447ED 7AFE04DE E7035886 2987E9E2
Auth: Block=28 KeyB Nest=1 OK . uid=BC59FC0F 1CC9C023 494EF523 83F97997 6839DA69
Auth: Block=32 KeyA Nest=1 OK . uid=BC59FC0F C25BBA9A 1402F636 7E37C783 CC036094
Auth: Block=32 KeyB Nest=1 OK . uid=BC59FC0F D0ECB714 383B8DEF DDBA13AB 25EB6DAD
Auth: Block=36 KeyA Nest=1 OK . uid=BC59FC0F D49A9498 92EA353D EAE6B041 C587C691
Auth: Block=36 KeyB Nest=1 OK . uid=BC59FC0F 8393D72C 10BAF903 97AC6119 548308BF
Auth: Block=40 KeyA Nest=1 OK . uid=BC59FC0F 6E954E9A 73B9EFEE ED170F0C 06EAB8EA
Auth: Block=40 KeyB Nest=1 OK . uid=BC59FC0F 826597AD 23CCF7AB 8290F9D2 60628DC0
Auth: Block=44 KeyA Nest=1 OK . uid=BC59FC0F 284E6CBD 52FAD43C B06873D1 0F6DE6E2
Auth: Block=44 KeyB Nest=1 OK . uid=BC59FC0F 46A18188 FAF991E1 E5DE7EC1 F545D9DD
Auth: Block=48 KeyA Nest=1 OK . uid=BC59FC0F FF9DB197 9B7F0E31 2B9E88DA 031D5347
Auth: Block=48 KeyB Nest=1 OK . uid=BC59FC0F 1536C3CF B2942260 C0794FF3 98008E1B
Auth: Block=52 KeyA Nest=1 OK . uid=BC59FC0F 718C65DD D26C2258 254553E2 8B340BAE
Auth: Block=52 KeyB Nest=1 OK . uid=BC59FC0F E6BD6F42 5FEA51C8 C5D20D0D 2C98FCD7
Auth: Block=56 KeyA Nest=1 OK . uid=BC59FC0F CE114780 5C159D15 863C3FD4 F9327921
Auth: Block=56 KeyB Nest=1 OK . uid=BC59FC0F 48545E6D ABA08254 E756D997 80537589
Auth: Block=60 KeyA Nest=1 OK . uid=BC59FC0F AFFEEF38 045699F8 4F79D2F4 C7701896
Auth: Block=60 KeyB Nest=1 OK . uid=BC59FC0F F1FFB53C 5E3BBD7C 5452F4BB 7AC158DF
Auth: Block= 0 KeyA Nest=0 OK . uid=BC59FC0F 4E048EA1 AF131A65 7F6AB862 68FF48A1

```

If the key is success, it will also has logo.

Btw, MF\_DETECTION\_1K support full dump file and none dump file both.

You can upload file or keep it empty.