Anubis - Analysis Report

Analysis Report for portbind.exe

MD5: 5a1c10ee87fc3085865d07415240e090

Summary:

Description	Risk
Performs File Modification and Destruction: The executable modifies and destructs files which are not temporary.	high
Performs Registry Activities: The executable reads and modifies register values. It also creates and monitors register keys.	low

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Dependency overview:

portbind.e.exe C:\portbind.e.exe

Analysis reason: Primary Analysis Subject

Table of Contents:

1. General Information

Information about Anubis' invocation	
Time needed:	240 s
Report created:	08/21/10, 10:11:49 UTC
Termination reason:	Timeout
Program version:	1.74.3110

2. portbind.e.exe

General information about this executable	
Analysis Reason:	Primary Analysis Subject
Filename:	portbind.e.exe
MD5:	5a1c10ee87fc3085865d07415240e090
SHA-1:	13d026fdc3aaf949c43900b7ab65465a559aa08b
File Size:	13931
Command Line:	"C:\portbind.e.exe"
Process-status at analysis end:	alive
Exit Code:	0

Load-time Dlls

Module Name	Base Address	Size
C:\WINDOWS\system32\ntdll.dll	0x7C900000	0x000AF000
C:\WINDOWS\system32\kernel32.dll	0x7C800000	0x000F6000
C:\WINDOWS\system32\msvcrt.dll	0x77C10000	0x00058000

Run-time Dlls

Module Name	Base Address	Size
C:\WINDOWS\system32\hnetcfg.dll	0x662B0000	0x00058000
C:\WINDOWS\system32\mswsock.dll	0x71A50000	0x0003F000
C:\WINDOWS\System32\wshtcpip.dll	0x71A90000	0x00008000
C:\WINDOWS\system32\WS2HELP.dll	0x71AA0000	0x00008000
C:\WINDOWS\system32\ws2_32.dll	0x71AB0000	0x00017000
C:\WINDOWS\system32\ADVAPI32.dll	0x77DD0000	0x0009B000
C:\WINDOWS\system32\RPCRT4.dll	0x77E70000	0x00092000
C:\WINDOWS\system32\GDI32.dll	0x77F10000	0x00049000
C:\WINDOWS\system32\Secur32.dll	0x77FE0000	0x00011000
C:\WINDOWS\system32\USER32.dll	0x7E410000	0x00091000

2.a) portbind.e.exe - Registry Activities

Registry Values Read:

Key	Name	Value	Times
HKLM\SYSTEM\CurrentControlSet\Services\Winsock\Parameters	Transports	0x5400630070006900700000004e0065007 7400420049004f00530000000000	2
HKLM\Software\Policies\Microsoft\Windows\Safer\CodeIdentifiers	TransparentEnabled	1	1
HKLM\System\CurrentControlSet\Control\ComputerName\ActiveComputerName	ComputerName	PC	1
HKLM\System\CurrentControlSet\Control\Terminal Server	TSUserEnabled	0	1
HKLM\System\CurrentControlSet\Services\Tcpip\Parameters\Winsock	HelperDllName	%SystemRoot%\System32\wshtcpip.dll	1
HKLM\System\CurrentControlSet\Services\Tcpip\Parameters\Winsock	Mapping	0x0b000000030000000200000001000000006000000020000000100000000000	1
HKLM\System\CurrentControlSet\Services\Tcpip\Parameters\Winsock	MaxSockaddrLength	16	1
HKLM\System\CurrentControlSet\Services\Tcpip\Parameters\Winsock	MinSockaddrLength	16	1

Registry Values Read:

Key	Name	Value	Times
HKLM\System\CurrentControlSet\Services\Tcpip\Parameters\Winsock	UseDelayedAcceptanc	0	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters	WinSock_Registry_Ver	2.0	2
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5	Num_Catalog_Entries	3	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5	Serial_Access_Num	4	2
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	DisplayString	Tcpip	4
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	Enabled	1	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	LibraryPath	%SystemRoot%\System32\mswsock.dll	2
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	ProviderId	0x409d05229e7ecf11ae5a00aa00a7112b	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	StoresServiceClassInfo	0	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	SupportedNameSpace	12	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000001	Version	0	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	DisplayString	NTDS	4
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	Enabled	1	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	LibraryPath	%SystemRoot%\System32\winrnr.dll	2
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	ProviderId	0xee37263b80e5cf11a55500c04fd8d4ac	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	StoresServiceClassInfo	0	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	SupportedNameSpace	32	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000002	Version	0	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	DisplayString	Network Location Awareness (NLA) Namespace	4
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	Enabled	1	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	LibraryPath	%SystemRoot%\System32\mswsock.dll	2
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	ProviderId	0x3a244266a83ba64abaa52e0bd71fdd83	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	StoresServiceClassInfo	0	1

Registry Values Read:

Key	Name	Value	Times
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	SupportedNameSpace	15	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5\Catalog_Entries\000000000003	Version	0	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9	Next_Catalog_Entry_ID	1012	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9	Num_Catalog_Entries	11	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9	Serial_Access_Num	4	2
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000001	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000002	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000003	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000004	PackedCatalogItem	%SystemRoot%\system32\rsvpsp.d	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000005	PackedCatalogItem	%SystemRoot%\system32\rsvpsp.d	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000006	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000007	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000008	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000009	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000010	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9\Catalog_Entries\000000000011	PackedCatalogItem	%SystemRoot%\system32\mswsock.	1

Monitored Registry Keys:

Key Name	Watch subtree	Notify Filter	Count
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\NameSpace_Catalog5	0	Key Change	1
HKLM\System\CurrentControlSet\Services\WinSock2\Parameters\Protocol_Catalog9	0	Key Change	1

2.b) portbind.e.exe - File Activities

Files Read:

C:\portbind.e.exe
PIPE\lsarpc

Files Modified:

PIPE\lsarpc
\Device\Afd\Endpoint

File System Control Communication:

File	Control Code	Times
PIPE\lsarpc	0x0011C017	3

Device Control Communication:

File	Control Code	Times
\Device\Afd\Endpoint	AFD_GET_INFO (0x0001207B)	2
\Device\Afd\Endpoint	AFD_SET_CONTEXT (0x00012047)	3
\Device\Afd\Endpoint	AFD_BIND (0x00012003)	1
\Device\Afd\Endpoint	AFD_GET_TDI_HAND (0x00012037)	1
\Device\Afd\Endpoint	AFD_START_LISTEN (0x0001200B)	1
\Device\Afd\Endpoint	AFD_GET_SOCK_NAI (0x0001202F)	1
\Device\KsecDD	0x00390008	8

Memory Mapped Files:

File Name
C:\WINDOWS\System32\wshtcpip.dll
C:\WINDOWS\system32\WS2HELP.dll
C:\WINDOWS\system32\hnetcfg.dll
C:\WINDOWS\system32\mswsock.dll
C:\WINDOWS\system32\ws2_32.dll

2.c) portbind.e.exe - Network Activity

Opened Listening Ports:

Port	Type
4444	tcp