

Spyware Signatures

A Guide for Removal of Spyware from your PC.

Please read EULA at <http://spywaresignatures.com/disclaimer.php>

Alexa Toolbar

1. General

Malware name: Alexa Toolbar

Malware Type: Toolbar

Company Name/URL: <http://www.alexacom/>

Company Description: Alexa Internet

The Alexa Web Search Platform provides public access to the vast web crawl collected by Alexa Internet. Users can search and process billions of documents -- even creates their own search engines -- using Alexa's search and publication tools. Alexa provides compute and storage resources that allow users to quickly process and store large amounts of web data. Users can view the results of their processes interactively, transfer the results to their home machine, or publish them as a new web service.

Characteristics/Symptoms:

- Track browsing habits
- Adds a third-party utility bar to the web browser
- It has a search function and provides search results for paid advertisers
- Changes browser

Security Level: Low Risk

Operating OS: WIN XP

Installation Type: Installed through EXE

Operation: After Installation

Time of Operation: After Installation

Screenshot:



2. Installation Sample and Image

2.1. Installation Sample

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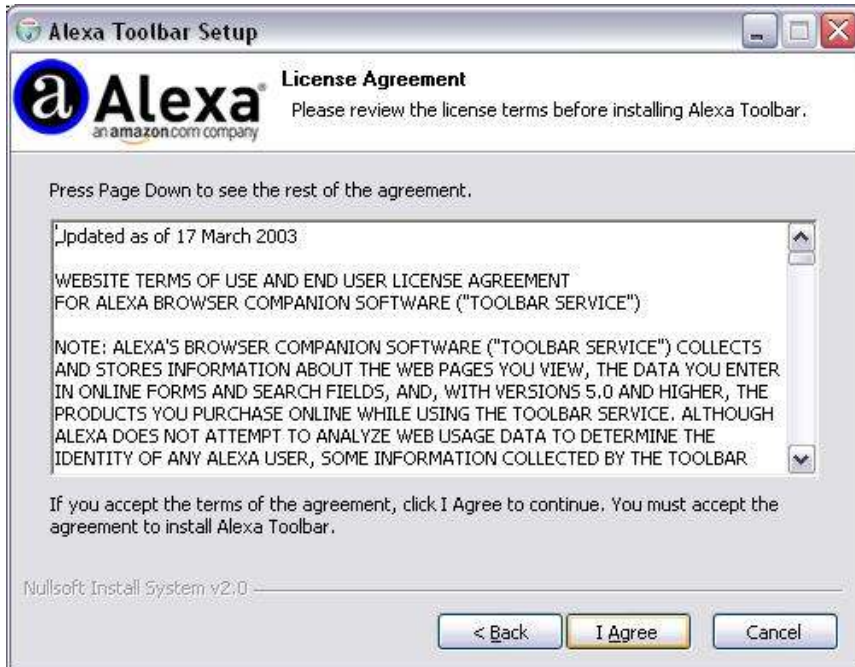
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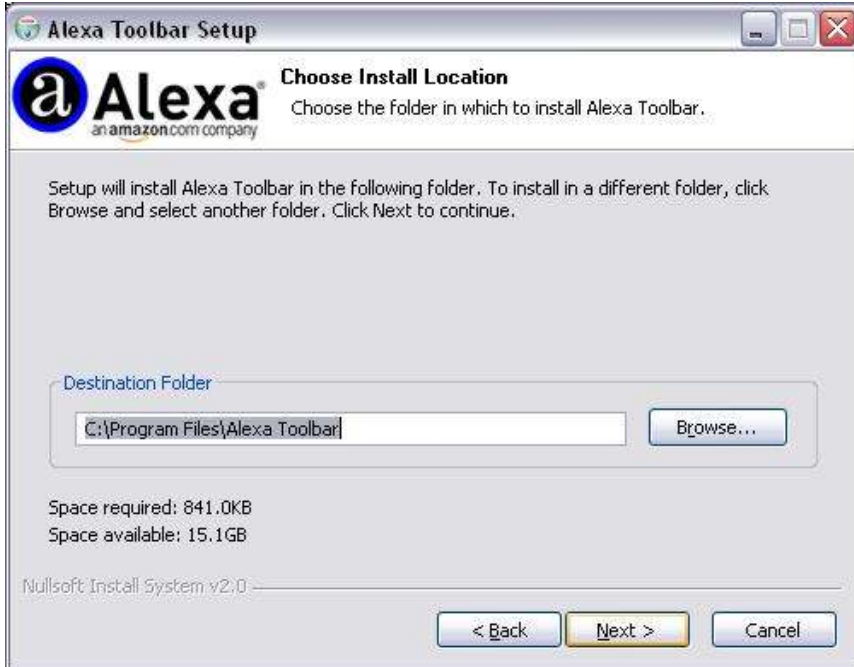
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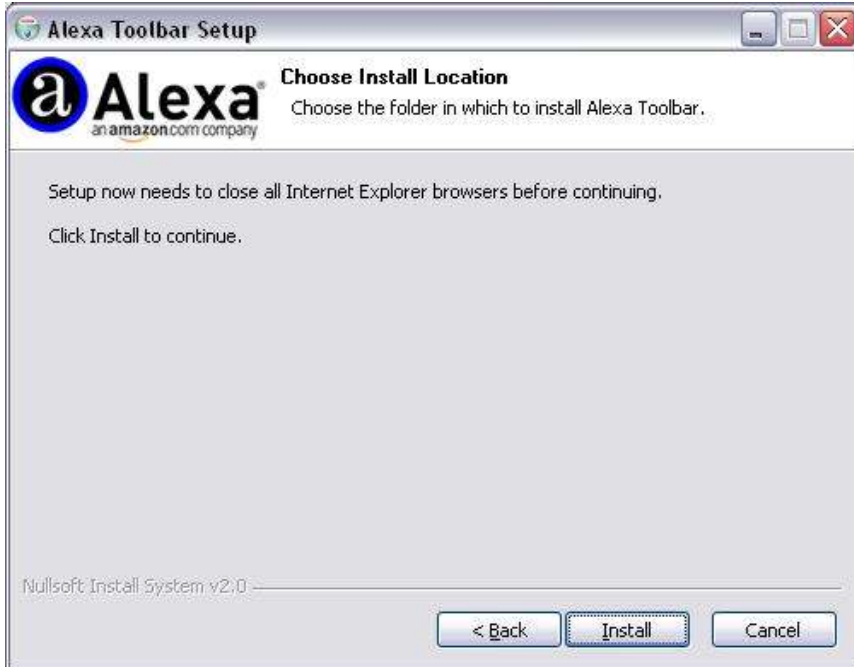
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Origin URL:

<http://client.alexa.com/install/AlexaInstaller.exe>

3. Changes after installation

3.1. Process:

Files and Location:

3.2 Directories:

Alexa Toolbar installer creates the following directories:

C:\Program Files\Alexa Toolbar

3.3. ActiveX Information

ActiveX Screenshot:

File location & Files

Dependency Files

Code base:

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4. File information Created after Installation

File Location	File Size	File Type	How to Treat
C:\Program Files\Alexa Toolbar\uninstall.exe	63712 Bytes	Application	DELETE
C:\WINDOWS\system32\AlxRes.dll	332 KB	Application Extension	DELETE
C:\WINDOWS\system32\AlxTB1.dll	509 KB	Application Extension	DELETE

4.2. Registry information After Installation

Location	Key	Key Value Name	How to Treat
HKEY_CLASSES_ROOT	alxtb.bho\clsid		DELETE
HKEY_CLASSES_ROOT	alxtb.bho\curver		DELETE
HKEY_CLASSES_ROOT	alxtb.bho		DELETE
HKEY_CLASSES_ROOT	clsid\{27d784d7-9217-4227-b43b-e06e4781e0cb}		DELETE
HKEY_CLASSES_ROOT	clsid\{3ceff6cd-6f08-4e4d-bccd-ff7415288c3b}		DELETE
HKEY_CLASSES_ROOT	clsid\{69a72a8a-84ed-4a75-8ce7-263dbef3e5d3}		DELETE
HKEY_CLASSES_ROOT	clsid\{7bf3a7db-a516-4e24-b40a-f60b34699e26}		DELETE
HKEY_CLASSES_ROOT	clsid\{f1fabe79-25fc-46de-8c5a-2c6db9d64333}		DELETE
HKEY_CLASSES_ROOT	interface\{04d79e9f-09a9-4aed-9fc2-6e63a3bca51e}		DELETE
HKEY_CLASSES_ROOT	interface\{0b32bccd-4d64-48eb-8ec3-9ba0807d1349}		DELETE
HKEY_CLASSES_ROOT	interface\{0bbb0424-e98e-4405-9a94-481854765c80}		DELETE
HKEY_CLASSES_ROOT	interface\{0f3332b5-bc98-48af-9fac-05fec94ebe73}		DELETE
HKEY_CLASSES_ROOT	interface\{3e60160f-0ed6-4dcc-b6b6-850cde4fd217}		DELETE

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HKEY_CLASSES_ROOT	interface\{3f41980d-b681-488e-9757-0c9744f9c3ce}		DELETE
HKEY_CLASSES_ROOT	interface\{49160f0d-6be2-4f5f-bcdb-9256da3bb120}		DELETE
HKEY_CLASSES_ROOT	interface\{5a9961fd-b0a6-4065-9552-ebfc199683a3}		DELETE
HKEY_CLASSES_ROOT	clsid\{27d784d7-9217-4227-b43b-e06e4781e0cb}		DELETE
HKEY_CLASSES_ROOT	CLSID\{3CEFF6CD-6F08-4e4d-BCCD-FF7415288C3B}		DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	aid	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	AlexaVersion	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	enablepopup	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	enablepopupbutton	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	expVis	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	fillsearch	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	hints	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	ieVis	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	lastcheck	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	lasthint	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	lastupdate	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	shownames	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	UseAnswerAsDefault	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet	widesearch65	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Internet\Hosts	alexa.com	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Alexa Toolbar		DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Classes\CLSID\{3CEF6CD-6F08-4e4d-BCCD-FF7415288C3B}		DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Microsoft\Windows\CurrentVersion\App Management\ARPCache\Alexa Toolbar	Changed	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Microsoft\Windows\CurrentVersion\App Management\ARPCache\Alexa	SlowInfoCache	DELETE

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	Toolbar		
HKEY_LOCAL_MACHINE	SOFTWARE\Microsoft\Windows\CurrentVersion\Internet Settings\5.0\User Agent\Post Platform	Alexa Toolbar	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\Alexa Toolbar	DisplayName	DELETE
HKEY_LOCAL_MACHINE	SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\Alexa Toolbar	UninstallString	DELETE

5. Description:

Alexa is a free, ad-based product which installs itself into your Internet Explorer or Netscape browser. It adds a bar which has a series of links into browser which gives quite a bit of information about each web page that visit. When we download the software, and at times during our use of the Alexa website and Toolbar Service, Alexa transmits Alexa cookies to the hard drive of computer. These cookies assign Web browser a unique series of numbers, letters, or characters that enable Alexa's servers to recognize and identify Web browser when we are using the Toolbar Service. They also enable Alexa to track and store information about Web usage path and online shopping while using the Toolbar Service.

EULA

The purpose of this document is providing our users with a detailed and easy manual removal process or a help guide & and tools to self remove any malware users detect on their machines. Users are requested to use these guides and tools at their own risk.

These removal guides & tools would focus on applications that are considered as spyware, hijackers, rogue products, adware or other kind of malware.

These guides are developed by our technicians as logs while they personally successfully removed or disabled the malware. Please note that while using these guides users would be as successful as our technicians were while they prepared the processes. In case you feel there is something that should be added or something that we missed out please feel free to report to us at our contact page or by posting reply to the topic.

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