EXHIBIT 18

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Wor	m:Win32/0	Gamarue.A				I want to
						Get help
	Summary	-	Technical inf	ormatio	n	Remove difficult malware Avoid tech support phone scams See and search the latest threats Find answers to other problems
informatio	n about the infected cor	controlled worm that spreads mputer and sends it back to a I may lead to the installation o	predefined remote		vhere it	Fix my software
						Download and update
What	to do now					Submit a file
run a full-s		nd other malicious software t ropriate, up-to-date, security nreat:	•			Alert level: Severe First detected by definition: 1.111.1680.0
	oft Security Essentials					Latest detected by definition: 1.189.1121.0 and higher First detected on: Sep 07, 2011
Micros	oft Safety Scanner					This entry was first published on: Sep 19, 2011 This entry was updated on: Mar 23, 2012
For more i	nformation on antivirus	software, see http://www.mici	rosoft.com/windows	/antivirus-pa	rtners/.	This threat is also detected as: No known aliases
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Worm: Win32/Gamarue. A

Summary

Technical information

Threat behavior

Worm:Win32/Gamarue.A is a bot-controlled worm that spreads via removable drives. It gathers information about the infected computer and sends it back to a predefined remote web server, where it may accept further instruction and may lead to the installation of other malware.

Installation

When executed, Worm:Win32/Gamarue.A copies itself with a variable file name to the %Temp% directory. It creates the following registry entry to ensure that its installed copy executes each Windows start:

In subkey: HKCU\Software\Microsoft\Windows NT\CurrentVersion\Windows Sets value: "load"

With data: "<random file name>.com"

In the background, the worm injects itself into Windows trusted processes, such as 'svchost.exe', 'taskmgr.exe' and 'wuouclt.exe'.

The following mutex indicates the presence of the worm on the affected computer:

"Andromeda"

Spreads via...

Removable drives

Worm:Win32/Gamarue.A copies itself to the following locations on removable drives:

- <targeted drive>:\<malware file>.exe
- <targeted drive>:\autorun.inf detected as Worm:Win32/Gamarue.A

The autorun.inf files contain execution instructions for the operating system, so that when the removable drive is accessed from another computer supporting the Autorun feature, the malware is launched automatically.

Social media

The worm may be distributed by a link via a known social network site, which redirects the user's browser to a malicious server to perform multiple browser-based exploit attacks. Worm:Win32/Gamarue.A was observed being installed as a payload after a successful exploitation.

Payload

Contacts remote hosts

On successful installation, the bot-controlled worm reports back to a remote web server using HTTP POST or GET request. It sends an information about the affected userwhich includes the operating system version.

Worm: Win 32/Gamarue. A may include list of predetermined remote hosts which serves as backup in case it fails to connect the first time. It may contact the following remote hosts using port 80:

- burumaga.net
- dl-byte.com
- haiducel.com
- labarel.com
- muleptbass.com
- multecifre.com
- randomcrappy.com
- · ramaguva.com

Commonly, malware may contact a remote host for the following purposes:

- · To update itself
- To confirm Internet connectivity

I want to...

Get help

Remove difficult malware Avoid tech support phone scams See and search the latest threats Find answers to other problems

Fix my software

Download and update

Submit a file

Alert level: Severe
First detected by definition: 1.111.1680.0
Latest detected by definition: 1.1189.1121.0 and higher
First detected on: Sep 07, 2011
This entry was first published on: Sep 19, 2011
This entry was updated on: Mar 23, 2012

This threat is also detected as:

- To report a new infection to its author
- · To receive configuration or other data
- · To download and execute arbitrary files (including updates or additional malware)
- To receive instruction from a remote attacker
- · To upload data taken from the affected computer

Analysis by Methusela Cebrian Ferrer

Symptoms

There are no common symptoms associated with this threat. Alert notifications from installed antivirus software may be the only symptoms.

Prevention

Bing

Microsoft Store

Take these steps to help prevent infection on your computer.

Тор				
Provide feedback				
Other Microsoft sites	Downloads	About	Popular resources	
Windows Office Surface	Download Center Windows downloads Office downloads	The MMPC Evaluating our protection MMPC Privacy Statement Microsoft	Security and privacy blogs Security Response Center Security Intelligence Report	
Windows Phone Mobile devices Xbox	Support Support home Knowledge base	· Careers Citizenship Company news Investor relations	Microsoft Safety & Security Center Malware Protection Center Security for IT Pros	
Skype MSN	Microsoft community	Site map	Security for developers Trustworthy Computing	

Microsoft

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