

**WAGS CIG – 8 August, 2009
Virus analysis & removal tools**

Onboard Utilities – PCs

Windows Task Manager

“ctrl” + “alt” + “del”

Opens Task Manager to see what Applications & Processes are running;
Monitors performance (CPU, Physical Memory etc.);
Network usage and
Allows you to stop (kill) a program or process that is running

Netstat

Open a command line window = Start ---> Run and type **cmd**
When the terminal window starts, type - **netstat**
Use the **-help** function to find what handy switches are available e.g.
netstat -b will show what programs have connections open.

Windows Malicious Software Removal tool

Should already be on your PC computer in:

C:\Windows\System32\MRT.exe

Right click on the .exe file, and create a shortcut, then move the shortcut to your desktop
Double click on shortcut to activate

Download Tools:

Hijack This - <http://tinyurl.com/33qwyz>

Malwarebytes Anti-Malware - <http://www.malwarebytes.org/mbam.php>

Sophos Anti-Rootkit - <http://tinyurl.com/jcqyp>

SUPERAntispyware - <http://www.superantispyware.com>

Virus Scanners - Pay Versions

(Scores from - Australian PC User Magazine - August 2009)

Symantec - Norton 360 V3.0 = \$129.99 pa for 3 PCs - **Score = 95%**

www.symantec.com.au

Trend Micro - PC-Cillin Internet Security Pro 2009 = \$129 pa for 3 PCs - **Score = 95%**

www.trendmicro.com.au

Bitdefender Total Security 2009 = \$87 pa for 3 PCs - **Score = 90%**

www.netfreighters.com.au

G Data Internetsecurity 2010 = \$29.95 pa US\$39.95 pa for 3 PCs - **Score = 90%**

www.gdata-software.com

MCAfee total Protection 2009 = \$129.95 pa for 3 PCs - **Score = 90%**

www.mcafee.com.au

AVG Internet Security V8.5 = \$99.99 for 3 PCs - **Score = 85%**

www.avg.com.au

Also a free version available

Kaspersky Internet Security 2009 = \$99.95 pa for 3 PCs - **Score = 85%**

www.kaspersky.com.au

ESET Smart Security 4 = \$166.50 for 3 PCs - **Score = 80%**

www.eset.com.au

F-SECURE internet Security 2009 = \$135.00 pa for 3 PCs - **Score = 80%**

www.f-secure.com/estore/aus

K7 Totalsecurity 9.0 = US\$44.96 pa for 3 PCs - **Score = 60%**

www.k7computing.com

Rising Internet Security 2009 = US\$49.95 pa for 3 PCs - **Score = 50%**

www.k7computing.com

ZoneAlarm = \$129.00 pa for 3 PC's – **Score = Not tested**

www.zonealarm.com.au

Also a Free Version as below

CA Internet Security Suite Plus 2009 = \$99.95 pa for 5 PCs – **Score = Not tested**

www.vet.com.au

Microsoft Morro = supposed to be Free - **Score = Not tested**

Replacement for Windows Live OneCare, due for release later in 2009

Norman Security Suite 7 = \$71.50 pa for 3PCs - **Score = Not tested**

www.norman.com

PC Tools Internet Security 2009 = \$89.95 pa for 3Pcs - **Score = Not tested**

www.pctools.com/internet-security/download/

Has varying reviews

Free (DIY) Versions

Antivirus / Antispyware

Atwil AVAST Home Edition

www.avast.com

Spybot Search and Destroy

<http://www.safer-networking.org/en/spybotsd/index.html>

Firewall

ZoneAlarm Free

www.zonealarm.com

also a Paid version at www.zonealarm.com.au = \$129.00 pa for 3 PC's

Antispam / Antiphishing

SpamBayes

<http://spambayes.sourceforge.net>

Registry Cleaners

CCleaner

<http://www.ccleaner.com/download>

Startup checking

Autoruns - checks for what your computer is automatically running at startup

www.sysinternals.com

Browser Protection

Google Chrome - Has extensive web site protections inbuilt

www.google.com/chrome

Firefox - Has inbuilt malware & phishing + numerous add-ons for additional protection

<https://addons.mozilla.org/en-US/firefox/?application=firefox>

Internet Explorer 8 – has increased its protection & inbuilt malware & phishing tools

www.microsoft.com/windows/internet-explorer/default.aspx

ANTISPAM – Test results

(Australian PC User magazine August 2009**)

Program	Spam Detection %**	False Positives %**	Zero Day detection rate % ##
AVG Internet Security 8.5	98.2%	0.6%	45%
BitDefender total Security 2009	96.1%	1.4%	50%
ESET Smart Security 4	95.4%	8.9%	56%
F-Secure Internet Security 2009	88.2%	3.1%	14%
G Data InternetSecurity 2010	86.3%	2.1%	60%
K7 TotalSecurity 9.0	96.1%	2.1%	N/A
Kaspersky Internet Security 2009	88.8%	0.6%	50%
McAfee Total Protection 2009	96.2%	3.5%	25%
Rising Internet Security 2009	N/A	N/A	N/A
Symantec Norton 360 3.0	N/A	N/A	35%
Trend Micro PC-cillin Internet Security Pro 2009	86.7%	3.6%	N/A

** Spam Detection, Higher is better; False Positives, Lower is better

** Test results provided by: AV-Test (www.av-test.org) and Independent spam testing by Australian PC User Magazine August 2009 (www.pcuser.com.au)

Zero Day Detection, higher is better

Tests compiled by AV-Comparisons (www.av-comparisons.org) – Tests against new viruses, for which there is no definition (yet) written

Note – Tests results in the table may not have been run on the exact Versions of the programs shown in the lists (i.e. could be different to those in the table)