



Use of Google webmaster tools for detection of malware

Registration of second level domains

Dimitris Margaritis
CERT-EU



- Webmaster tools usually are used to provide information about errors and availability info for web sites

The screenshot displays the Google Webmaster Tools interface. At the top left is the Google logo. Below it, the text "Webmaster Tools" is shown in red. A navigation menu on the left includes "Home", "All Messages (595)", "Preferences", "Labs", and "Other Resources". The main content area is titled "All Messages" and features a "Delete" button and a "View" dropdown menu with options for "All", "Starred", and "Alerts". A list of error messages follows, each with a checkbox, a star icon, and a warning icon (triangle with exclamation mark). The messages include:

- Googlebot found an extremely high number of URLs on your site: https://...europa.eu/
- http://...: Increase in not found errors
- Googlebot found an extremely high number of URLs on your site: http://...europa.eu/
- http://...europa.eu/: Googlebot can't access your site
- http://...europa.eu/: Increase in soft 404 errors
- http://...europa.eu/: Googlebot can't access your site
- http://...europa.eu/: Increase in soft 404 errors



- Webmaster tools can provide info for pages containing malicious code

The screenshot shows the Google Webmaster Tools interface. The browser address bar displays the URL: support.google.com/webmasters/bin/answer.py?hl=en&answer=163635&topic=2365140&ctx=topic. The page title is "Monitoring your site health". The main content area contains the following text: "Many of the features of Webmaster Tools can help you identify potential problems. For example:" followed by a bulleted list of tips. The list includes: "Try a Google [site: search](#) to see what's indexed. It's always a good idea to do a sanity check and make sure things look normal. If you're not already familiar with the site: search operator, it's a way for you to restrict your search to a specific site. For example, the search [site:googleblog.blogspot.com](#) will return results only from the Official Google Blog."; "The [Search Queries](#) page lists significant keywords Google found on your site. If unexpected keywords (such as 'Viagra') appear in the list, it's a signal that your pages have probably been compromised."; and "The [Malware page \(under Health\)](#) lists sample URLs from your site that have been identified as containing malicious code. Where possible, the page will also include samples of the problem code." The left sidebar contains navigation links: "warnings", "Cleaning your site", "Report spam, paid links, malware, and other problems to Google", "Preventing malware infection" (highlighted in red), "Request a malware review", "Can competitors harm ranking?", "Free web hosters", and "Help for hacked sites >".

warnings

Monitoring your site health

Many of the features of Webmaster Tools can help you identify potential problems. For example:

- Try a Google [site: search](#) to see what's indexed. It's always a good idea to do a sanity check and make sure things look normal. If you're not already familiar with the site: search operator, it's a way for you to restrict your search to a specific site. For example, the search [site:googleblog.blogspot.com](#) will return results only from the Official Google Blog.
- The [Search Queries](#) page lists significant keywords Google found on your site. If unexpected keywords (such as "Viagra") appear in the list, it's a signal that your pages have probably been compromised.
- [The Malware page \(under Health\)](#) lists sample URLs from your site that have been identified as containing malicious code. Where possible, the page will also include samples of the problem code.

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Request a malware review

Can competitors harm ranking?

Free web hosters

Help for hacked sites >



- Webmaster tools also allow to register as a webmaster for all websites on sub-TLD level (eg. .gov.fr or .europa.eu etc.)
- Registration is possible in different ways
 - XML verification,
 - Html tag verification
 - DNS verification (the easiest way)
 - add a TXT record or CNAME record in the DNS servers handling the second level domains (SLDs). The webmaster tools generate the records that you need to put in the DNS servers.

Limitation : cannot register TLDs such as .eu or .gov domain even if you are the owner of such a TLD



- Possibility to get email notifications only for critical issues like malware

The screenshot shows the Google Webmaster Tools interface in a Firefox browser. The address bar displays the URL: <https://www.google.com/webmasters/tools/preferences?hl=en&authuser=0>. The page title is "Webmaster Tools - Preferences". The main content area is titled "Webmaster Tools" and includes a "Help" button. The left sidebar contains navigation links: Home, All Messages (595), Preferences (selected), Labs, and Other Resources. The main content area is divided into sections: "Preferences" (Message language: English), "Email notifications" (Get a daily digest of potential issues with sites in your account. We'll usually send no more than one message a day.), and "Enable email notifications" (checked). A dropdown menu is open for "Type", showing "Top site issues" (Critical issues (like malware) that need attention now) and "All issues" (Including site issues, notifications, and informational messages). The "SAVE" button is highlighted in blue. The footer contains copyright information: © 2013 Google Inc. - Webmaster Central - Terms of Service - Privacy Policy - Webmaster Tools Help. The Windows taskbar at the bottom shows the system tray with the date 20/05/2013 and time 9:32 AM.



- Webmasters can continue receive info for their site

+You Search Images Maps Play YouTube News Gmail Drive

Google

Webmaster Tools

Home

All Messages (595)

Preferences

Labs

Other Resources

Sort:

Site	Messages	Issues
europa.eu	1	0

europa.eu

http://europa.eu/ Bi

New verified owner f

+You Search Images Maps Play YouTube News Gmail Drive Calendar More

Google

Webmaster Tools

Home

All Messages (1)

Preferences

Labs

Other Resources

Sort:

Site	Messages	Issues
eesc.europa.eu	1	0

eesc.europa.eu

No new messages or recent critical issues.



computer
emergency
response
team

CERT-EU
for the EU institutions, bodies
and agencies

Thanks