

# Web Hacking

KSAJ Inc.

[www.PENETRATIONTEST.com](http://www.PENETRATIONTEST.com)

# HaX0rz Toolkit

- ◆ Complicated 'sploits that need a Bachelor's degree to understand and use
- ◆ Scripts in various languages and syntaxes like C, PERL, gtk and bash
- ◆ Automated scanning tools like nmap and nessus
- ◆ A web browser

# A Web Browser?

## ◆ Web surfing:

- Is easy to do,
- Is Operating System independent,
- Doesn't require intimate knowledge of "the system",
- Provides access to vast amounts of data and information,
- and topped off with all kinds of data mining tools

# Web Features

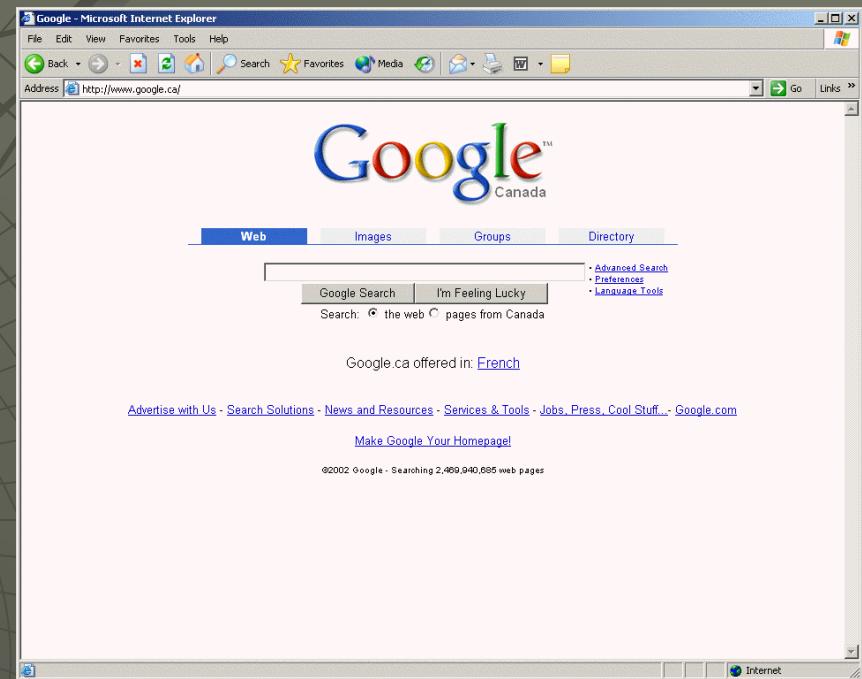
- ◆ Reverse phone number searches
- ◆ Detailed address topological maps
- ◆ Satellite photography of target area
- ◆ Resumes
- ◆ Phone and Email lists
- ◆ Likely targets described in detail
- ◆ Exploit information easy to obtain
- ◆ Data aggregation makes it more serious

# What We'll Learn

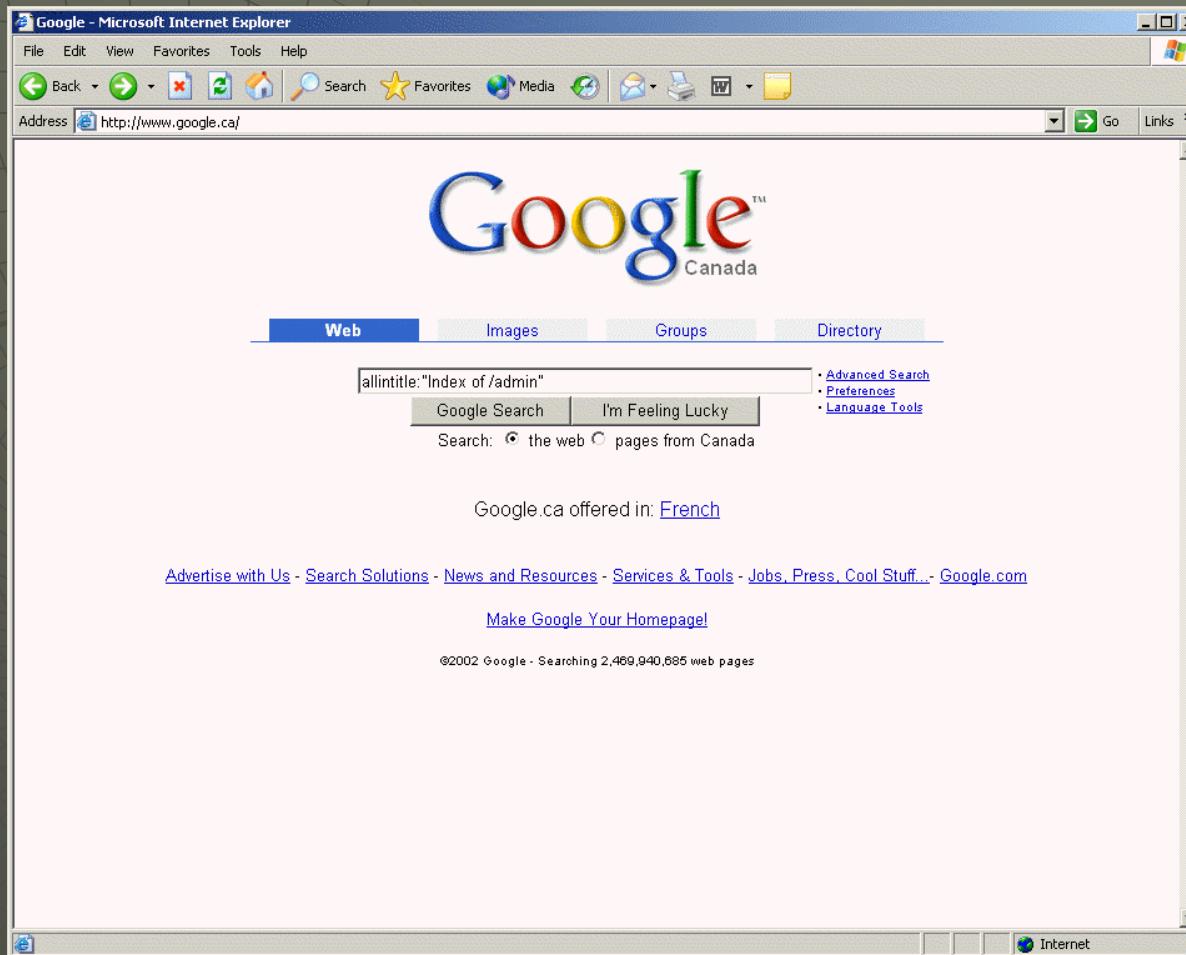
- ◆ Methods of Reconnaissance
- ◆ The level of sensitive detail companies and organizations leave exposed to the Internet
- ◆ The level of detail about specific people on the Internet
- ◆ The effect of data aggregation on privacy

# Where to start?

- ◆ Search Engines are one of the first things people learn to use on the Internet
- ◆ Most use highly effective search algorithms to mine the Internet
- ◆ Most provide equally advanced search abilities to the user



# allintitle:"Index of /admin"



[Advanced Search](#) [Preferences](#) [Language Tools](#) [Search Tips](#)

allintitle:"Index of /admin"

Google Search

Search:  the web  pages from Canada[Web](#) [Images](#) [Groups](#) [Directory](#)Searched the web for **allintitle:"Index of /admin"**.Results **1 - 10** of about **5,970**. Search took **0.04** seconds.

### [Index of /admin/](#)

**Index of /admin/**. Name Last modified Size Description [DIR] Parent

Directory [TXT] IPR.htm 13-Mar-98 14:06 2K [TXT] bid-call.html ...

[www.jtap.ac.uk/admin/](http://www.jtap.ac.uk/admin/) - 3k - [Cached](#) - [Similar pages](#)

### [Index of /admin/dissemination/](#)

**Index of /admin/dissemination/**. Name Last modified Size Description [DIR]

Parent Directory [DIR] baker/ 18-Sep-99 15:51 4K [DIR] franklin ...

[www.jtap.ac.uk/admin/dissemination/](http://www.jtap.ac.uk/admin/dissemination/) - 2k - [Cached](#) - [Similar pages](#)[ [More results from www.jtap.ac.uk](#) ]

### [Index of /Admin/2001](#)

**Index of /Admin/2001**. Name Last modified Size Description Parent Directory

04-Apr-2002 13:10 - 2001reports/ 04-Apr-2002 13:09 - Feb3tenpnt ...

[www.ur.ku.edu/Admin/2001/](http://www.ur.ku.edu/Admin/2001/) - 3k - [Cached](#) - [Similar pages](#)

### [Index of /admin](#)

**Index of /admin**. Name Last modified Size Description Parent Directory

29-Jul-2002 14:22 - 5yearplanr15.xls 22-Dec-2000 14:48 120k ...

[www.utm.edu/admin/](http://www.utm.edu/admin/) - 12k - [Cached](#) - [Similar pages](#)

### [Index of /admin](#)

**Index of /admin**. Name Last modified Size Description Parent Directory

06-Jun-2002 16:19 - Iggy/ 14-Sep-1997 20:04 - assignments/ 17 ...

[web.mit.edu/admin/](http://web.mit.edu/admin/) - 3k - [Cached](#) - [Similar pages](#)

### [Index of /Admin/INF/OPT/Spring98/](#)

[Index of /Admin/INF/OPT/Spring98/](#) - 2007 - Microsoft Internet Explorer - Documentation

- Here is a Google hit from MIT, pulled from the cache

The screenshot shows a Windows Internet Explorer window with the following details:

- Menu Bar:** File, Edit, View, Favorites, Tools, Help
- Toolbar:** Back, Forward, Stop, Refresh, Home, Search, Favorites, Media, Mail, Print, Help
- Address Bar:** http://www.google.ca/search?q=cache:6NrUhFnmVnUC:web.mit.edu/admin/+allintitle:%22Index+of+/admin%22&hl=en&ie=UTF-8
- Content Area:** The page title is "Index of /admin". Below it is a table listing directory entries:

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
<a href="#">Parent Directory</a>	06-Jun-2002 16:19	-	
<a href="#">Iggy/</a>	14-Sep-1997 20:04	-	
<a href="#">assignments/</a>	17-Jul-2002 17:33	-	
<a href="#">attic/</a>	31-Jan-2002 05:16	-	
<a href="#">blue-box/</a>	16-Mar-1998 14:07	-	
<a href="#">configs/</a>	07-May-2002 05:08	-	
<a href="#">contracts/</a>	19-Aug-1997 17:02	-	
<a href="#">hosts/</a>	06-Aug-2002 19:01	-	
<a href="#">inventory/</a>	03-May-2002 14:29	-	
<a href="#">logs/</a>	01-Feb-2002 00:05	-	
<a href="#">mailman/</a>	05-Feb-2002 23:20	-	
<a href="#">noc/</a>	06-Jan-2000 19:14	-	
<a href="#">private/</a>	31-Jul-2002 14:54	-	
<a href="#">procedures/</a>	17-Apr-2002 23:04	-	
<a href="#">service/</a>	28-Jan-2002 01:12	-	
<a href="#">services/</a>	07-Jun-2001 16:19	-	
<a href="#">systems/</a>	04-Nov-1999 05:35	-	
<a href="#">www/</a>	17-May-2002 12:35	-	

**Status Bar:** MIT Web Server Anarchball 3.26 (MarkII) 4 Server at web.mit.edu Port 80

- allintitle:"Index of /" site:mil

Google Search: allintitle:"Index of /admin" site:mil - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Mail Print

Address <http://www.google.ca/search?hl=en&ie=UTF-8&oe=UTF-8&q=allintitle%3A%22Index+of+%22Admin%22+site%3Amil&btnG=Google+Search&meta=> Go Links

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allintitle:"Index of /admin" site:mil

Search:  the web  pages from Canada

**Web** Images Groups Directory

Searched the web for **allintitle:"Index of /admin" site:mil**. Results 1 - 2 of 2. Search took 0.15 seconds.

**Index of /admin**

**Index of /admin**. Name Last modified Size Description Parent Directory  
20-May-2002 16:00 - 1050.1J.doc 03-Feb-2001 12:22 30k 11100.1 ...  
[www.nmrcsd.navy.mil/admin/](http://www.nmrcsd.navy.mil/admin/) - 12k - [Cached](#) - [Similar pages](#)

**Index of /admin/rescen inst**

**Index of /admin/rescen inst**. Name Last modified Size Description Parent Directory  
09-Apr-2002 08:48 - 1050.1H.doc 01-Feb-2001 16:52 ...  
[www.nmrcsd.navy.mil/admin/rescen%20inst/](http://www.nmrcsd.navy.mil/admin/rescen%20inst/) - 6k - [Cached](#)

allintitle:"Index of /admin" site:mil  [Search within results](#)

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Internet



Search



Favorites



Media



Email



Print



Address http://www.google.ca/search?q=cache:FJYwd3rZw-4C:www.nmcrcsd.navy.mil/admin/+allintitle:%22Index+of+/admin%22+site:mil&amp;hl=en&amp;ie=UTF-8

This is Google's cache of <http://www.nmcrcsd.navy.mil/admin/>.

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The page may have changed since that time. Click here for the [current page](#) without highlighting.

To link to or bookmark this page, use the following url: <http://www.google.com/search?q=cache:FJYwd3rZw-4C:www.nmcrcsd.navy.mil/admin/+allintitle:%22Index+of+/admin%22+site:mil&hl=en&ie=UTF-8>

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These terms only appear in links pointing to this page: **allintitle index of admin**

## Index of /admin

Name	Last modified	Size	Description
------	---------------	------	-------------

<a href="#">Parent Directory</a>	20-May-2002 16:00	-	
<a href="#">1050.1J.doc</a>	03-Feb-2001 12:22	30k	
<a href="#">11100.1E.doc</a>	03-Feb-2001 11:09	22k	
<a href="#">11103.1A.doc</a>	03-Feb-2001 11:10	42k	
<a href="#">11320.1G.doc</a>	03-Feb-2001 11:10	24k	
<a href="#">1300.1C.doc</a>	03-Feb-2001 10:28	25k	
<a href="#">1414.1.doc</a>	03-Feb-2001 10:24	28k	
<a href="#">1601.1L.doc</a>	03-Feb-2001 10:32	87k	
<a href="#">1610.1D.doc</a>	01-Feb-2001 16:51	24k	
<a href="#">1650.1B.doc</a>	03-Feb-2001 10:33	87k	
<a href="#">1650.1b.pdf</a>	17-Jan-2001 12:06	31k	
<a href="#">1700.2W.doc</a>	03-Feb-2001 10:34	54k	



## Index of /secret

Name	Last modified	Size	Description
------	---------------	------	-------------

<a href="#">Parent Directory</a>	22-Jul-2002 22:50	-	
<a href="#">htaccess</a>	03-Dec-2001 18:47	1k	
<a href="#">bsecu.html</a>	03-Dec-2001 18:47	2k	
<a href="#">collecte.html</a>	19-Jul-2002 11:58	41k	
<a href="#">collecte.jpg</a>	19-Jul-2002 11:57	172k	
<a href="#">collecte grap.html</a>	19-Jul-2002 11:58	1k	
<a href="#">download.gif</a>	03-Dec-2001 18:47	6k	
<a href="#">excel.gif</a>	03-Dec-2001 18:47	2k	
<a href="#">fiche.gif</a>	03-Dec-2001 18:47	1k	
<a href="#">hsecu.html</a>	03-Dec-2001 18:48	1k	
<a href="#">password.txt</a>	03-Dec-2001 18:48	1k	
<a href="#">prix.html</a>	18-Jul-2002 17:09	84k	
<a href="#">secu.html</a>	20-Jan-2002 21:33	1k	
<a href="#">taille Exp.html</a>	14-Feb-2002 17:18	21k	
<a href="#">telecharger.html</a>	03-Dec-2001 18:48	1k	
<a href="#">telecharger/</a>	18-Jul-2002 17:07	-	

[Bookmark this Search](#)



Search

Shop

Bookmarks

Net2Phone

christophe:azerty  
papa:jcva  
SAINT-GERMES:09PS  
SAURAT:09PS  
COTXET:11JMC  
SZYMCZAK:11SS  
AT:12AT  
RAYNAL:12FR  
LAUR:12JL  
GRANGER:24JPG  
GONDONNEAU:24OG  
DOUMENG:31JD  
MONTANO:31VM  
PERIOT:31BP  
ANTONIAZZI:32JPA  
BUGNICOURT:32JB  
SEGURA:32CS  
GILLET:33MHG  
ABRAM:33PA  
LANUQUE:40TL  
BURLOT:40GB  
ROQUEFEUIL:46TR  
COUDON:46JCC  
AUREILLE:47MA  
BONNEAU:47MFB  
LADAGNOUS:64ML  
PEBET:64NB  
CARMOUZE:65EC  
BABY:65JB  
BOU:81AB  
CARENSAC:81SC  
RIVIERE:82JPR  
FERREBEUF:82SF  
FAUCON:82MF  
GRYNSPAN:75AG  
PSALMON:75GP  
BECHE:75JMB  
VANNIER:31JCV  
BROWN:31MAB

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Back Address <http://www.google.ca/search?hl=en&ie=UTF-8&oe=UTF-8&q=restricted++%2Bfiletype%3Adoc+site%3Amil&btnG=Google+Search&meta=> Go Links >

# Google™

Advanced Search Preferences Language Tools Search Tips

restricted +filetype:doc site:mil Google Search

Search:  the web  pages from Canada

Web Images Groups Directory

Searched the web for **restricted +filetype:doc site:mil**. Results 1 - 10 of about 3,430. Search took 0.27 seconds.

**[doc]Workshop for Restricted Site**  
File Format: Microsoft Word 97 - [View as HTML](#)  
Workshop for **Restricted** Site. Robin Bown, Facilitator||Develop New Business rules. Group Members. Felipe ... WHAT IS **RESTRICTED** SITE? Repository ...  
[www.e-publishing.af.mil/slides/ workshop%20for%20restricted%20site.doc](http://www.e-publishing.af.mil/slides/ workshop%20for%20restricted%20site.doc) - [Similar pages](#)  
[ [More results from www.e-publishing.af.mil](#) ]

**[doc]PROPOSAL FOR BUSINESS PROCEDURES**  
File Format: Microsoft Word 97 - [View as HTML](#)  
PROPOSAL FOR POLICY AND GUIDANCE. FOR PUBLICATIONS/FORMS DISSEMINATION VIA ETS. (TO INCLUDE **RESTRICTED** ACCESS). ... 2. Protection of **Restricted** Information. ...  
[www.e-publishing.af.mil/slides/ Final%20Restricted%20Bus%20Plan.doc](http://www.e-publishing.af.mil/slides/ Final%20Restricted%20Bus%20Plan.doc) - [Similar pages](#)  
[ [More results from www.e-publishing.af.mil](#) ]

**[doc]PROCEDURES FOR THE PROTECTION OF RESTRICTED INFORMATION**  
File Format: Microsoft Word 97 - [View as HTML](#)  
PROCEDURES FOR THE PROTECTION OF **RESTRICTED** INFORMATION. Some governmental information that is shared or exchanged in support of ...  
[www.dss.mil/seclib/miswg6.doc](http://www.dss.mil/seclib/miswg6.doc) - [Similar pages](#)

**[doc]MAY 1997 MISWG DOCUMENT NO. 20**  
File Format: Microsoft Word 97 - [View as HTML](#)  
INTERNATIONAL TRANSFER OF MATERIAL CLASSIFIED. **RESTRICTED** BY EXPRESS COMMERCIAL COURIER COMPANIES. Introduction. 1. The document describes ...  
[www.dss.mil/seclib/miswg20.doc](http://www.dss.mil/seclib/miswg20.doc) - [Similar pages](#)  
[ [More results from www.dss.mil](#) ]

**[doc]Restricted Standing Orders**  
File Format: Microsoft Word 97 - [View as HTML](#)

Address <http://www.google.ca/search?hl=en&ie=UTF-8&oe=UTF-8&q=restricted++%2Bfiletype%3Adoc+site%3Amil&btnG=Google+Search&meta=>

Go Links &gt;

### [\[doc\] Restricted Standing Orders](#)

File Format: Microsoft Word 97 - [View as HTML](#)

**Restricted** Standing Orders. Rules for **Restricted** Personnel: While on Pretrial restriction, personnel will refer to all military personnel in the appropriate ...

[www.lemoore.navy.mil/detention\\_facility/](http://www.lemoore.navy.mil/detention_facility/) **Restricted%20Standing%20Orders.doc** - [Similar pages](#)

### [\[doc\] 1](#)

File Format: Microsoft Word 2000 - [View as HTML](#)

... and terrorist activity aimed at the US military abroad, we must ensure that all individuals understand the regulations governing travel to **restricted** countries ...

[www.1id.army.mil/letters/CG36%20Travel%20Policy.doc](http://www.1id.army.mil/letters/CG36%20Travel%20Policy.doc) - [Similar pages](#)

### [\[doc\] C-141B 64-0621 CVR](#)

File Format: Microsoft Word 97 - [View as HTML](#)

Side A: This tape contains protected privacy information. Release is **restricted**. under Federal Law. ... Release is **restricted**. under Federal Law. ...

[safety.kirtland.af.mil/AFSC/RDBMS/Flight/SIB-Support/Interviews/Interview\\_Cassette\\_Labels.doc](http://safety.kirtland.af.mil/AFSC/RDBMS/Flight/SIB-Support/Interviews/Interview_Cassette_Labels.doc) - [Similar pages](#)

### [\[doc\] INFORMATION FOR MEMBERS OF CONGRESS](#)

File Format: Microsoft Word 2000 - [View as HTML](#)

... These facilities would provide a multi-functional war-fighting capability to meet the Army's training needs for soldiers in urban and **restricted** combat ...

[www.hqda.army.mil/ocli/IMCs/IMCs%202002/05-May%2002/Training%20at%20Fort%20Knox%20KY.doc](http://www.hqda.army.mil/ocli/IMCs/IMCs%202002/05-May%2002/Training%20at%20Fort%20Knox%20KY.doc) - [Similar pages](#)

### [\[doc\] Individually Billed Card Account Setup/Application Form](#)

File Format: Microsoft Word 2000 - [View as HTML](#)

... This application is for a Government Card Account, which may be standard or **restricted**, as described in the attached Agreement. ...

[www.bfd.whs.mil/referencelib/Travel\\_Card/doc/Application.doc](http://www.bfd.whs.mil/referencelib/Travel_Card/doc/Application.doc) - [Similar pages](#)

### [\[doc\] HOOK AND LINE GEAR](#)

File Format: Microsoft Word 97 - [View as HTML](#)

... Longline/ Buoy Gear **Restricted** Area. The charts on the following page show, generally, the boundaries of the longline/buoy gear **restricted** area. ...

[www.uscg.mil/d8/grftc/h&lman.doc](http://www.uscg.mil/d8/grftc/h&lman.doc) - [Similar pages](#)



Address [525645d006f6979/31111d90c959881885256b3d004a4782/%24FILE/DONSIR\\_CY01printversion.doc+sensitive++%2Bfiletype:doc+site:mil&hl=en&ie=UTF-8](http://525645d006f6979/31111d90c959881885256b3d004a4782/%24FILE/DONSIR_CY01printversion.doc+sensitive++%2Bfiletype:doc+site:mil&hl=en&ie=UTF-8) Go Links >

To link to or bookmark this page, use the following url: [http://www.google.com/search?q=cache:elxN3rt8uMC:www.hqmc.usmc.mil/safety.nsf/852564750060e4c88525645d006f6979/31111d90c959881885256b3d004a4782/\\*24FILE/DONSIR\\_CY01printversion.doc+sensitive++%2Bfiletype:doc+site:mil&hl=en&ie=UTF-8](http://www.google.com/search?q=cache:elxN3rt8uMC:www.hqmc.usmc.mil/safety.nsf/852564750060e4c88525645d006f6979/31111d90c959881885256b3d004a4782/*24FILE/DONSIR_CY01printversion.doc+sensitive++%2Bfiletype:doc+site:mil&hl=en&ie=UTF-8)

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These search terms have been highlighted: **sensitive**

\*\*\* **SENSITIVE** INFORMATION / CLOSE HOLD \*\*\*

Department of the Navy  
Suicide Incident Report

# Sometimes it works when broken

- ◆ From an allintitle:"Index of /admin" search
- ◆ Admin account had been patched
- ◆ But the error information was pretty interesting, too...
  - Within the full page error report was:
    - ◆ Full paths to libraries
      - /home/faraway/opt/cancat/lib
      - ◆ /usr/local/share/perl/5.6.1/Apache/ASP.pm
      - ◆ /usr/local/lib/perl/5.6.1/DBD/mysql.pm

# Search Engines

- ◆ allintitle:"Index of /"
- ◆ site:gov site:mil site:ztarget.com
- ◆ filetype:doc filetype:pdf filetype:xls
- ◆ [cached] [view as html]
- ◆ intitle:, inurl:, allinurl:
- ◆ Filetypes include: pdf, ps, wk[12345], wki, wks, wku, lwp, mw, xls, ppt, doc, wps, wdb, wri, rtf, ans and txt

# Other Interesting Searches

- ◆ Far too many password files to bother counting anymore
- ◆ Access and error logs from a hotel chain
  - Included booking information and how long customers were staying
  - Some very well-known people had their full vacation schedules made available to the public
- ◆ Military “Procedures and Practices”

# Other Interesting Searches

- ◆ allintitle:"Index of /" +confidential filetype:doc
  - A regulatory matters postal letter to an executive at a telecommunications commission, which contained competitor and specific revenue information, and made the following declaration:
    - ◆ The release of such information on the public record would allow current and potential competitors to develop more effective business and marketing strategies...

# Other Interesting Searches

- ◆ Searches for WS\_FTP.LOG give a rather detailed list of files that are updated regularly, and often provides internal network IP information normally hidden from the Internet
- ◆ Name, job title, phone number, and email address of mailroom staff at major military sites
- ◆ Inter-department electronic funds transfers

# Other Interesting Searches

- ◆ robots.txt files tell search engines “don’t look here”
- ◆ World-readable and in a known location so the search engines will find it easily, and ignore confidential or private directories
- ◆ What do you find when you *do* look in those directories?

# Other Interesting Searches

- ◆ Passive scanning for vulnerable targets
- ◆ Where to find targets:
  - Search for phrases commonly found on web-based application interfaces (and especially their error messages)
  - Sites like <http://www.securityfocus.com>
    - provide information that can be used to create search criteria



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**VULNS**[By Vendor](#)[By Title](#)[By Keyword](#)[By BugTraq ID](#)[By CVE ID](#)**VULNERABILITIES****Microsoft IIS CodeBrws.ASP Source Code Disclosure Vulnerability**[info](#) [discussion](#) [exploit](#) [solution](#) [credit](#) [help](#)

Microsoft IIS 5.0 ships with a sample script that may be used to view the source code of other scripts in the sample scripts (/IISSAMPLES) directory. However, this script (CodeBrws.asp) does not adequately filter unicode representations of directory traversals. For example, an attacker can break out of the sample script directory by substituting '%c0%ae%c0%ae' for '..' in a dot-dot-slash directory traversal attack.

It has been demonstrated that this issue may be exploited to map out the directory structure of the filesystem on a host running the vulnerable script.

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**VULNS**[By Vendor](#)[By Title](#)[By Keyword](#)[By BugTraq ID](#)[By CVE ID](#)**VULNERABILITIES****Microsoft IIS CodeBrows.ASP File Extension Check Out By One Vulnerability**[info](#) [discussion](#) [exploit](#) [solution](#) [credit](#) [help](#)

Microsoft IIS 5.0 ships with a sample script that may be used to view the source code of other scripts in the sample scripts (/IISSAMPLES) directory.

This script is designed to only display files with a .html, .htm, .asp or .inc extension. However, a flaw exists which will allow an additional character to be added to the file extension. This may allow an attacker to view, for example, .aspx files used by the .NET architecture.

If used in conjunction with the issues discussed in BID 4525, this may expose files outside of the sample script directory.

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**VULNS**

By Vendor

By Title

By Keyword

By BugTraq ID

By CVE ID

**VULNERABILITIES****Microsoft Index Server 2.0 File Information and Path Disclosure Vulnerability**[info](#) [discussion](#) [exploit](#) [solution](#) [credit](#) [help](#)

Some samples of the HTTP requests submitted by Syed Mohamed A <SyedMA@innerframe.com> follow:

[http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=\\*&CiScope=webinfo](http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=*&CiScope=webinfo)

[http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=\\*&CiScope=extended\\_fileinfo](http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=*&CiScope=extended_fileinfo)

[http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=\\*&CiScope=extended\\_webinfo](http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=*&CiScope=extended_webinfo)

[http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=\\*&CiScope=fileinfo](http://local-iis-server/issamples/ISSamples/SQLQHit.asp?CiColumns=*&CiScope=fileinfo)

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## VULNERABILITIES

### NT IIS Showcode ASP Vulnerability

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A sample Active Server Page (ASP) script installed by default on Microsoft's Internet Information Server (IIS) 4.0 gives remote users access to view any file on the same volume as the web server that is readable by the web server.

IIS 4.0 installs a number of sample ASP scripts including one called "showcode.asp". This script allows clients to view the source of other sample scripts via a browser. The "showcode.asp" script does not perform sufficient checks and allows files outside the sample directory to be requested. In particular, it does not check for ".." in the path of the requested file.

The script takes one parameter, "source", which is the file to view. The script's default location URL is:

<http://www.sitename.com/msadc/Samples/SELECTOR/showcode.asp>

Similar vulnerabilities have been noted in `ViewCode.asp`, `CodeBrws.asp` and `Winmsdp.exe`.

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## VULNS

[By Vendor](#)[By Title](#)[By Keyword](#)[By BugTraq ID](#)[By CVE ID](#)

# Unreported Vulnerabilities

- ◆ Many vulnerabilities go unreported and unfixed, despite how obvious they are
- ◆ Example:
  - HAMWeather is a weather software package that allows websites to provide accurate weather information. Geared towards news sites.
  - Does not require authentication for any of its administrative processes
  - Lets search for that administrative program...

Google Search: hwadmin.cgi - Konqueror

Location Edit View Go Bookmarks Tools Settings Window Help

Location: http://www.google.ca/search?q=hwadmin.cgi&ie=ISO-8859-1&hl=en&btnG=Google+Search&meta=

SuSE KDE Look.org CodeWeavers - Products - CrossOver D-LINK TechSupport - FAQ Account Manager Login | VeriSign

Advanced Search Preferences Language Tools Search Tips

# Google

hwadmin.cgi Google Search

Search: the web pages from Canada

Web Images Groups Directory

Searched the web for **hwadmin.cgi**. Results 1 - 10 of about 18. Search took 0.32 seconds.

Tip: In most browsers you can just hit the return key instead of clicking on the search button.

**HAMweather Installation Steps 1 and 2**

... (not in HAMweather Lite). metarlist.cgi, In the main HAMweather cgi path. **hwadmin.cgi**, In the admin directory of the HAMweather cgi path. ...

[www.hamweather.com/support/docs/install1to2.html](http://www.hamweather.com/support/docs/install1to2.html) - 20k - Cached - Similar pages

**HamWeather / The Ultimate Free Weather Program!**

... through XXXX day titles (Changed hamweatherlib.pl); Fixed javascript bug at line 16 in the web admin for Netscape 4.50 and older users (Changed **hwadmin.cgi** ...

[www.hamweather.com/changes.html](http://www.hamweather.com/changes.html) - 59k - Cached - Similar pages

[ More results from www.hamweather.com ]

**Index of /weather/cgi/hwadmin5340**

Index of /weather/cgi/hwadmin5340. Name Last modified Size Description Parent

Directory 12-Apr-2002 18:41 - **hwadmin.cgi** 12-Apr-2002 17:13 37k ...

[www.worthynews.com/weather/cgi/hwadmin5340/](http://www.worthynews.com/weather/cgi/hwadmin5340/) - 1k - Cached - Similar pages

[www.worthynews.com/weather/cgi/users/default.txt](http://www.worthynews.com/weather/cgi/users/default.txt)

... the url to the administration script (it is good practice to change the # hwadmin5340 portion of the url to ensure security.) \$admin\_script\_url = '**hwadmin.cgi** ...

12k - Cached - Similar pages

[ More results from www.worthynews.com ]

**[FreeCode] - FreeCode: HAMweather**

... Back to HAMweather. Viewing Source File: hamweather/cgi-bin/hwadmin5340/**hwadmin.cgi**.

[#/usr/local/bin/perl5 #set \\$hw\\_cgi\\_dir\\_path ...](http://www.freecode.com/viewsource/hamweather/hamweather.cgi-bin:hwadmin5340:hwadmin.cgi)

[www.freecode.com/viewsource/hamweather/hamweather.cgi-bin:hwadmin5340:hwadmin.cgi/](http://www.freecode.com/viewsource/hamweather/hamweather.cgi-bin:hwadmin5340:hwadmin.cgi) - 94k - Cached - Similar pages

**[FreeCode] - FreeCode: HAMweather**

... cgi, 11666 bytes; hamweather/cgi-bin/hwgetstate.cgi, 4734 bytes; hamweather/cgi-bin/metarlist.cgi, 4321 bytes; hamweather/cgi-bin/hwadmin5340/**hwadmin.cgi**, 61956 ...

[www.freecode.com/projects/hamweather/?topic=68,71,259,290](http://www.freecode.com/projects/hamweather/?topic=68,71,259,290) - 101k - Cached - Similar pages

**Access Log: Server Stats**

... hamweather.cgi 20:52:41 15 May 2001 6 50,931 /cgi-bin/weather/hw2emailstorer.cgi

21:09:20 09 May 2001 12 17,292 /cgi-bin/weather/hwadmin5340/**hwadmin.cgi** 05:53 ...

[cdizone.stormerwebdesign.com/stats/](http://cdizone.stormerwebdesign.com/stats/) - 101k - 18 Sep 2002 - Cached

Sponsored Links

**Free CGI / Perl Scripts**  
Recommend Us, Web Site Search, CMS, Content Management, Web Site Chat  
[www.cgiscript.net](http://www.cgiscript.net)  
Interest: ...

See your message here...

Google Search: hwadmin.cgi - Konqueror

Location Edit View Go Bookmarks Tools Settings Window Help

Location: <http://www.google.ca/search?q=hwadmin.cgi&ie=ISO-8859-1&hl=en&btnG=Google+Search&meta=>

SuSE KDE Look.org CodeWeavers - Products - CrossOver D-LINK TechSupport - FAQ Account Manager Login | VeriSign >

12k - Cached - Similar pages  
[ More results from www.worthynews.com ]

**[FreeCode] - FreeCode: HAMweather**  
... Back to HAMweather. Viewing Source File: hamweather/cgi-bin/hwadmin5340/**hwadmin.cgi**.  
#!/usr/local/bin/perl5 #set \$hw\_cgi\_dir \_path ...  
[www.freecode.com/viewsource/hamweather/hamweather.cgi-bin:hwadmin5340:hwadmin.cgi/](http://www.freecode.com/viewsource/hamweather/hamweather.cgi-bin:hwadmin5340:hwadmin.cgi/) - 94k - Cached - Similar pages

**[FreeCode] - FreeCode: HAMweather**  
... cgi, 11666 bytes; hamweather/cgi-bin/hwgetstate.cgi, 4734 bytes; hamweather/cgi-bin/metarlist.cgi, 4321 bytes; hamweather/cgi-bin/hwadmin5340/**hwadmin.cgi**, 61956 ...  
[www.freecode.com/projects/hamweather/?topic=68,71,259,290-101k](http://www.freecode.com/projects/hamweather/?topic=68,71,259,290-101k) - 101k - Cached - Similar pages

**Access Log: Server Stats**  
... hamweather.cgi 20:52:41 15 May 2001 6 50,931 /cgi-bin/weather/hw2emailstorer.cgi  
21:09:20 09 May 2001 12 17,292 /cgi-bin/weather/hwadmin5340/**hwadmin.cgi** 05:53 ...  
[cgizone.stormerwebdesign.com/stats/](http://cgizone.stormerwebdesign.com/stats/) - 101k - 18 Sep 2002 - Cached

**Usage Statistics for www.schwag.org - October 2001 - URL**  
... htm 15 0.07% 2277 0.76% /~pauless/err.txt 14 0.07% 220 0.07% /cgi-bin/weather2/hamweather.cgi  
14 0.07% 65 0.02% /cgi-bin/weather2/hwadmin4051/**hwadmin.cgi** 14 ...  
[www.schwag.org/webalizer/url\\_200110.html](http://www.schwag.org/webalizer/url_200110.html) - 32k - Cached

**Untitled**  
... vizbook/webmaster.html H|cgi-bin/links/admin/admin.cgi H|http://kn1.com/hirize H|http://kn1.com/goldstats  
H|http://kn1.com/cgi-bin/hw/hwadmin5340/**hwadmin.cgi** ...  
[kn1.com/baybes/Admin/\\_vti\\_cnf/hav.htm](http://kn1.com/baybes/Admin/_vti_cnf/hav.htm) - 2k - Cached

**Index of /weather/hwadmin5340**  
Index of /weather/hwadmin5340. Name Last modified Size Description Parent  
Directory 20-Jan-2001 19:29 - **hwadmin.cgi** 20-Jan-2001 17:39 37k  
[www.gay-kc.com/weather/hwadmin5340/](http://www.gay-kc.com/weather/hwadmin5340/) - 1k - Cached

*In order to show you the most relevant results, we have omitted some entries very similar to the 10 already displayed.  
If you like, you can repeat the search with the omitted results included.*

hwadmin.cgi Google Search Search within results

Dissatisfied with your results? Help us improve.

Google Home - Advertise with Us - Search Solutions - News and Resources - Language Tools - Jobs, Press, Cool Stuff...

©2002 Google

HAMweather 2.0 Web Administration - Konqueror

Location Edit View Go Bookmarks Tools Settings Window Help

Location: http://www.schwag.org/cgi-bin/weather2/hwadmin4051/hwadmin.cgi

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## HAMweather 2.0 Administration Menu

[HAMweather Home](#)  
[Help Page](#)  
[Docs](#)  
[Forums](#)

**Administration Menu**

- [System Settings](#)
- [Users](#)
- [Themes](#)
- [Defaults and Settings](#)
- [Forecast Info](#)
- [Weather and Icons](#)
- [Include Files](#)
- [Special Templates](#)
- [User Defined Variables](#)
- [Referers](#)
- [Output Files](#)

**HWpro Features**

- [US Forecast Map](#)
- [US Summary Map](#)
- [US Warning Map](#)
- [Maps Text Color](#)

Click on a link to the left to perform administration.

Done.

**HAMweather 2.0 Web Administration - Konqueror**

Location Edit View Go Bookmarks Tools Settings Window Help

Location: <http://www.schwag.org/cgi-bin/weather2/hwadmin4051/hwadmin.cgi>

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## HAMweather 2.0 Administration Menu

**Administration Menu**

- System Settings
- Users
- Themes
- Defaults and Settings
- Forecast Info
- Weather and Icons
- Include Files
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- User Defined Variables
- Refers
- Output Files

**HWpro Features**

- US Forecast Map
- US Summary Map
- US Warning Map
- Maps Text Color

**Current User:** default      **Current Theme:** default

### System Settings

#### Settings for all HW Versions

**CGI Script Extension:** cgi

**HTTP Mode: (How HW obtains wx info)** LWP::Simple

**Cache Mode: (Whether HW caches wx info)**  On or  Off

**Debug Mode:** On with 'debug=1' parameter

#### Settings for HW Pro:

**GD.pm Version: (HWPro Only)** GD.pm 1.20+ (PNG Support)

**Time Zone to Display On Maps:** (GMT -04:00) Eastern Daylight (EDT)

#### Proxy Settings:

**Proxy Server Domain or IP:** [redacted]

**Proxy Server Port: (Should be 80 if no Proxy)** 80

#### Special Settings:

**Warning Check:**  On or  Off

**Watch Check:**  On or  Off

**Special Check:**  On or  Off

Submit Cancel Reset

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HAMweather 2.0 Web Administration - Konqueror

Location Edit View Go Bookmarks Tools Settings Window Help

Location: http://www.schwag.org/cgi-bin/weather2/hwadmin4051/hwadmin.cgi

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## HAMweather 2.0 Administration Menu

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### Administration Menu

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- Forecast Info
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- Include Files
- Special Templates
- User Defined Variables
- Refers
- Output Files

### HWpro Features

- US Forecast Map
- US Summary Map
- US Warning Map
- Maps Text Color

Current User: default      Current Theme: default

### Forecast Types

Add New	Forecast Type	IWIN/URL	Template	Mo
Del Edit	aviation	aviation.html	other.html	0
Del Edit	crop	crop.html	usother.html	2
Del Edit	discussion	discussion.html	other.html	0
Del Edit	earthquake	earthquake.html	usother.html	2
Del Edit	flashflood	flashflood.html	other.html	2
Del Edit	fcoastal	http://www.srh.noaa.gov/data/MIA/CWF/MIACWFTBW.1.txt	other.html	0
Del Edit	flood	flood.html	usother.html	2
Del Edit	floodsummary	nationalflood.html	usother.html	2
Del Edit	fous	http://iwin.nws.noaa.gov/pub/data/text/FOUS11/KWBC.TXT	other.html	0
Del Edit	hourly	hourly.html	hourly.html	1
Del Edit	hurricane	hurricane.html	usother.html	2
Del Edit	hurricane2	hurricaneinfo.html	usother.html	2
Del Edit	hydro	hydro.html	other.html	0
Del Edit	marinewarning	marinewarning.html	usother.html	2

**HAMweather 2.0 Web Administration - Konqueror**

Location Edit View Go Bookmarks Tools Settings Window Help

Location: <http://www.schwag.org/cgi-bin/weather2/hwadmin4051/hwadmin.cgi>

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## HAMweather 2.0 Administration Menu

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**Administration Menu**

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- [Referers](#)
- [Output Files](#)

**HWpro Features**

- [US Forecast Map](#)
- [US Summary Map](#)
- [US Warning Map](#)
- [Maps Text Color](#)

**Current User:** default      **Current Theme:** default

[Other Include Options](#)

Include Files		
<a href="#">Add New</a>	<a href="#">Nick Name</a>	<a href="#">File Name</a>
<a href="#">Del</a>	<a href="#">Edit</a>	current current.html
<a href="#">Del</a>	<a href="#">Edit</a>	footer footer.html
<a href="#">Del</a>	<a href="#">Edit</a>	form1 form1.html
<a href="#">Del</a>	<a href="#">Edit</a>	header header.html
<a href="#">Del</a>	<a href="#">Edit</a>	m5day1 m5day1.html
<a href="#">Del</a>	<a href="#">Edit</a>	m5day2 m5day2.html
<a href="#">Del</a>	<a href="#">Edit</a>	m5day3 m5day3.html
<a href="#">Del</a>	<a href="#">Edit</a>	m5day4 m5day4.html
<a href="#">Del</a>	<a href="#">Edit</a>	m5day5 m5day5.html
<a href="#">Del</a>	<a href="#">Edit</a>	nav1 nav1.html
<a href="#">Del</a>	<a href="#">Edit</a>	nav2 nav2.html
<a href="#">Del</a>	<a href="#">Edit</a>	nav3 nav3.html
<a href="#">Del</a>	<a href="#">Edit</a>	vert1 vert1.html
<a href="#">Del</a>	<a href="#">Edit</a>	vert2 vert2.html
<a href="#">Del</a>	<a href="#">Edit</a>	vert3 vert3.html
<a href="#">Del</a>	<a href="#">Edit</a>	vert4 vert4.html
<a href="#">Del</a>	<a href="#">Edit</a>	vert5 vert5.html

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# More Web Hacking

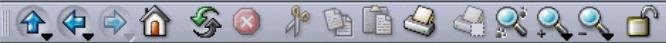
- ◆ Search engines are a treasure trove of information
- ◆ We've looked at general web search engines, but let's now look at more information specific sites
  - Administrative web servers
  - Reconnaissance from the sky
  - Proxies

# Administrative Web Servers

- ◆ Many devices come with web servers enabled by default:
  - Printers
  - Routers and Switches
  - Wireless Access Points

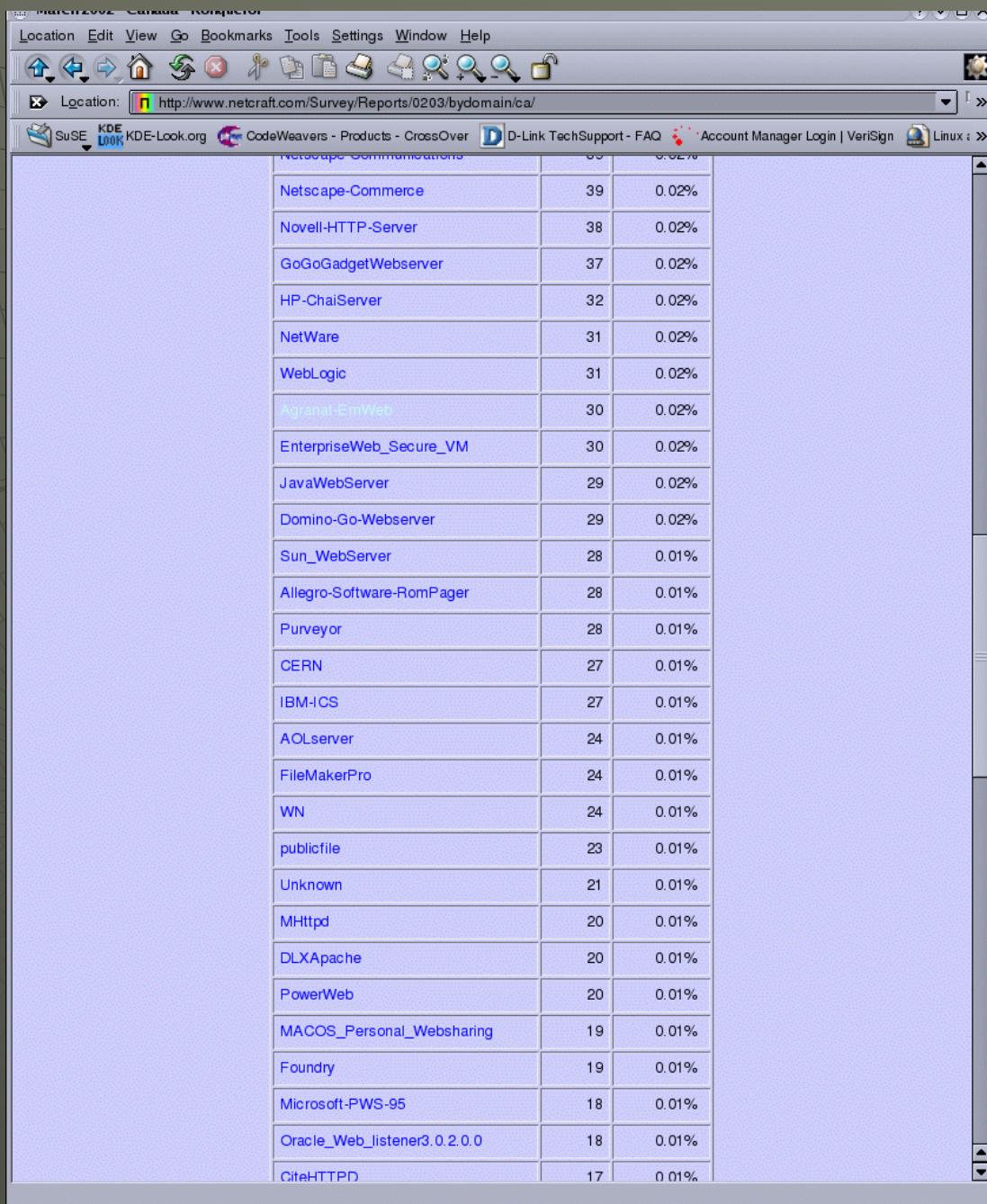
# Printers on the Web?

- ◆ Netcraft provides an ongoing tally of web servers operating on the Internet.
- ◆ Can we find web based administration?

Location: <http://www.netcraft.com/Survey/Reports/0203/bydomain/ca/>[SuSE](#) [KDE-Look.org](#) [CodeWeavers - Products - CrossOver](#) [D-Link TechSupport - FAQ](#) [Account Manager Login | VeriSign](#) [Linux](#)[Secure your Network](#)  
[Advertise on Netcraft](#)  
[About Netcraft](#)  
[Join Netcraft](#)  
[Site Map](#)[What's that site running?](#)  
[Web Server Survey](#)  
[SSL Server Survey](#)  
[Explore web sites](#)  
[News](#)[Netcraft Web Server Survey](#) [Reports](#) [Graphs](#) [Mechanics](#) [Developers](#) [Servers](#) [Most Requested Sites](#) [Archive](#)[March 2002 - Canada](#) [Top](#) [This Month](#) [By Domain](#) [By Server](#)

Server	Number	Percentage
Apache	106470	55.72%
Microsoft-IIS	58582	30.66%
Netscape-Enterprise	9880	5.17%
WebSitePro	2786	1.46%
unknown	2361	1.24%
WebSTAR	2353	1.23%
Zeus	1673	0.88%
Stronghold	1287	0.67%
Lotus-Domino	916	0.48%
Apache-AdvancedExtranetServer	724	0.38%
NetWare-Enterprise-Web-Server	264	0.14%
NCSA	209	0.11%
IBM_HTTP_Server	208	0.11%
Netscape-FastTrack	184	0.10%
WebSite	179	0.09%
Roxen*Challenger	154	0.08%
Rapidsite	134	0.07%
AppleShareIP	122	0.06%
FirstClass	109	0.06%
Xitami	97	0.05%
Simple,	95	0.05%
thttpd	89	0.05%

# Agranat-EmWeb



A screenshot of a KDE desktop environment. The main focus is a Konqueror web browser window titled 'PRIVACY TOOL - Current - Konqueror'. The URL in the address bar is 'http://www.netcraft.com/Survey/Reports/0203/bydomain/ca/'. The browser's toolbar is visible at the top, and the KDE taskbar is at the bottom, showing icons for SuSE, KDE-Look.org, CodeWeavers - Products - CrossOver, D-Link TechSupport - FAQ, Account Manager Login | VeriSign, and Linux. The main content area of the browser shows a table from Netcraft's survey report. The table lists various web servers and their usage percentages. The 'Agranat-EmWeb' server is highlighted in green, indicating it is the user's own server. The table has three columns: the server name, a numerical value, and a percentage. The data is as follows:

Netscape-Commerce	39	0.02%
Novell-HTTP-Server	38	0.02%
GoGoGadgetWebserver	37	0.02%
HP-ChaiServer	32	0.02%
NetWare	31	0.02%
WebLogic	31	0.02%
Agranat-EmWeb	30	0.02%
EnterpriseWeb_Secure_VM	30	0.02%
JavaWebServer	29	0.02%
Domino-Go-Webserver	29	0.02%
Sun_WebServer	28	0.01%
Allegro-Software-RomPager	28	0.01%
Purveyor	28	0.01%
CERN	27	0.01%
IBM-ICS	27	0.01%
AOLserver	24	0.01%
FileMakerPro	24	0.01%
WN	24	0.01%
publicfile	23	0.01%
Unknown	21	0.01%
MHtpd	20	0.01%
DLXApache	20	0.01%
PowerWeb	20	0.01%
MACOS_Personal_Websharing	19	0.01%
Foundry	19	0.01%
Microsoft-PWS-95	18	0.01%
Oracle_Web_listener3.0.2.0.0	18	0.01%
CiteHTTPD	17	0.01%

Several sites seem to have left  
this particular printer wide open

The screenshot shows a web browser window with the following details:

- Address Bar:** http://www.netcraft.com/Survey/Reports/0203/bydomain/ca/Agranat-EmWeb.html
- Toolbar:** Standard browser icons for Back, Forward, Stop, Refresh, Home, and others.
- Menu Bar:** Location, Edit, View, Go, Bookmarks, Tools, Settings, Window, Help.
- Links:** SuSE, KDE, KDE-Look.org, CodeWeavers - Products - CrossOver, D-Link TechSupport - FAQ, Account Manager Login | VeriSign, Linux.
- Left Sidebar:** Secure your Network, Advertise on Netcraft, About Netcraft, Join Netcraft, Site Map.
- Header:** What's that site running?, Web Server Survey, SSL Server Survey, Explore web sites, News.
- Logo:** Netcraft logo.
- Section:** Netcraft Web Server Survey, Reports, Graphs, Mechanics, Developers, Servers, Most Requested Sites, Archive.
- Section:** Canada - Agranat-EmWeb, Top, This Month, By Domain, By Server.
- Section:** Sites in Canada running Agranat-EmWeb.
- Content:** A list of 33 domain names, all of which appear to be running the Agranat-EmWeb web server software.
- Footer:** Netcraft Web Server Survey, Reports, Graphs, Mechanics, Developers, Servers, Most Requested Sites, Archive.
- Page Bottom:** Your comments and suggestions are most welcome [webmaster@netcraft.com](mailto:webmaster@netcraft.com), © Netcraft 2002.

The list of sites is as follows:

- ariadne.concordia.ca
- libr-102-8.concordia.ca
- jjordan-printserv.immunology.dal.ca
- staffprint.kellogg.dal.ca
- dj500.me.dal.ca
- mba-office-printer.sba.dal.ca
- harper.cs.ualberta.ca
- gw-16.cmpe.ubc.ca
- minitix.mis.commerce.ubc.ca
- gw-147.educ.ubc.ca
- gw.mining.ubc.ca
- anguhub16.net.ubc.ca
- anguhub17.net.ubc.ca
- mcgavinhub1.net.ubc.ca
- triumf-gw.net.ubc.ca
- biotech-3124a.zoology.ubc.ca
- frustration.zoology.ubc.ca
- minos.zoology.ubc.ca
- www.lps.uqam.ca
- p13.uqat.ca
- sc-gestion-sec.uqat.ca
- p13.uqat.quebec.ca
- sc-gestion-sec.uqat.quebec.ca
- hp2200.nal.utoronto.ca
- hp2.physics.utoronto.ca
- hp22kim.physics.utoronto.ca
- engmmprinter1.uwaterloo.ca
- engmmprinter2.uwaterloo.ca
- ljp-8.uwaterloo.ca
- bess-switch.videon.ca

129.173.92.157 - Konqueror

Location Edit View Go Bookmarks Tools Settings Window Help

Location: http://jjordan-printserv.immunology.dal.ca/

SuSE KDE-Look.org CodeWeavers - Products - CrossOver D-Link TechSupport - FAQ Account Manager Login | VeriSign Linux >

**NPI3A94B1 / 129.173.92.157**  
HP LaserJet 2200

Home Networking

**Other Links**

[Help](#)  
[Support](#)  
[HP Home](#)

**Device:** HP LaserJet 2200  
**Page Count:** 30222  
**Control Panel:** READY  
**Host Name:** NPI3A94B1  
**System Up Time:** 146:20:14  
**System Contact:**  
**System Location:**  

---

**HP JetDirect:** J4169A  
**Firmware Version:** L.20.24  
**IP Address:** 129.173.92.157  
**Hardware Address:** 0001E63A94B1  
**Admin Password:** Not set

Refresh

Done.

129.173.92.157 - Konqueror

Location Edit View Go Bookmarks Tools Settings Window Help

Location: http://jordan-printserv.immunology.dal.ca/

SuSE KDE Look.org CodeWeavers - Products - CrossOver D-Link TechSupport - FAQ Account Manager Login | VeriSign Linux : >

**NPI3A94B1 / 129.173.92.157**  
HP LaserJet 2200

**Home Networking**

**CONFIGURATION**

Network Settings  
IPP  
Support Info

**SECURITY**

Admin Password  
Access Control

**DIAGNOSTICS**

Network Statistics  
Protocol Info  
Test Page  
Refresh Rate

**TCP/IP** **IPX/SPX** **AppleTalk**  
**DLC/LLC** **SNMP**

General Settings  Advanced Settings

IP Configuration Method **Manual**

**Manual** Note: A change in IP Address will result in loss of connectivity to the Browser.

Host Name **NPI3A94B1**

IP Address **129.173.92.157**

Subnet Mask **255.255.248.0**

Default Gateway **129.173.88.1**

Domain Name

Primary WINS Server **Not Specified**

Secondary WINS Server **Not Specified**

Syslog Server **Not Specified**

Syslog Maximum Messages **10**

Syslog Priority **8**

Idle Timeout **120**

TTL/SLP **4**

System Contact

System Location

Banner Page **Enable**

Other Links

[Help](#) [Support](#) [HP Home](#)

**Apply** **Cancel**



## Lexmark Optra T612

142.22.11.136

Ready  
Toner Low**Print****Configuration****Reports****Job History****Links & Index**

Non-Java Tabs

# Lexmark Optra T612

## Emulations

PCL Emulation

PS Emulation

## Print Speed

20 Pages Per Minute

## Inputs

Tray 1 Capacity: 500

Tray 2 Capacity: 500

Multipurpose Feeder

## Outputs

Standard Bin Capacity: 500

## Connectivity

Parallel

Serial

Network

## Print Server

Ethernet 10/100 MarkNet N2001e

IP Address 142.22.11.136

UAA (MSB) 002000018E500

Network Speed 10Mbps

Firmware Version 3.19.14

## Contact / Location

1998017015

200-1128 Hornby St. Vancouver



marknet@lexmark.com

Stalled



## :: Check your proxy

Proxy:  Port:  

Note: Press "Check!" button ONCE and wait at least 30 seconds before re-submit. Proxy verification may takes up to minute, so please be patient. Thank You.

## :: Join Our MailList

E-mail:  Subscribe UnSubscribe

## Ads :: Proxy List of new generation

Great News: [Proxy List of new generation!](#) !!NEW!!  
HTTP/HTTPS proxies and SOCKS5 with non standart ports! [More...](#)

## :: Customize Your Proxy List

Proxy mask:  Port Mask:  [\[Help on using mask\]](#)Anonymity:  All Types  Anonymous  TransparentList Sort by:  SSL Support:  All Types  Yes  No Check Date From:  January  To:  January  

## :: on 8080 port proxies

- ❖ 208.36.247.250:8080 [n] [Stats](#) | [Whois](#)
- ❖ 208.62.71.210:8080 [n] [Stats](#) | [Whois](#)
- ❖ 203.151.44.66:8080 [n] [Stats](#) | [Whois](#)
- ❖ 193.251.130.61:8080 [n] [Stats](#) | [Whois](#)
- ❖ 213.136.32.114:8080 [n] [Stats](#) | [Whois](#)
- ❖ 211.15.60.18:8080 [n] [Stats](#) | [Whois](#)
- ❖ 200.240.17.4:8080 [n] [Stats](#) | [Whois](#)
- ❖ 212.160.74.35:8080 [n] [Stats](#) | [Whois](#)
- ❖ 193.219.28.144:8080 [n] [Stats](#) | [Whois](#)
- ❖ 212.101.9.50:8080 [n] [Stats](#) | [Whois](#)

[❖ More ...](#)

## :: on 3128 port proxies

- ❖ 203.59.54.35:3128 [n] [Stats](#) | [Whois](#)
- ❖ 212.16.200.24:3128 [n] [Stats](#) | [Whois](#)
- ❖ 209.195.139.194:3128 [n] [Stats](#) | [Whois](#)
- ❖ 193.171.249.98:3128 [n] [Stats](#) | [Whois](#)
- ❖ 203.106.19.130:3128 [n] [Stats](#) | [Whois](#)
- ❖ 196.11.200.1:3128 [n] [Stats](#) | [Whois](#)
- ❖ 194.72.9.37:3128 [n] [Stats](#) | [Whois](#)
- ❖ 210.178.208.189:3128 [n] [Stats](#) | [Whois](#)
- ❖ 63.163.68.115:3128 [n] [Stats](#) | [Whois](#)
- ❖ 195.117.233.175:3128 [n] [Stats](#) | [Whois](#)

[❖ More ...](#)

## :: on 80 port proxies

- ❖ 213.14.46.98:80 [n] [Stats](#) | [Whois](#)
- ❖ 212.29.116.137:80 [n] [Stats](#) | [Whois](#)
- ❖ 196.38.29.2:80 [n] [Stats](#) | [Whois](#)
- ❖ 196.36.238.15:80 [n] [Stats](#) | [Whois](#)
- ❖ 212.29.117.4:80 [n] [Stats](#) | [Whois](#)
- ❖ 217.17.233.136:80 [n] [Stats](#) | [Whois](#)
- ❖ 212.29.117.49:80 [n] [Stats](#) | [Whois](#)
- ❖ 213.14.45.157:80 [n] [Stats](#) | [Whois](#)
- ❖ 213.14.46.103:80 [n] [Stats](#) | [Whois](#)
- ❖ 212.29.109.89:80 [n] [Stats](#) | [Whois](#)

[❖ More ...](#)

# Reconnaissance

- ◆ We've seen a glimpse of various back doors available to web browsers
- ◆ Let's turn the tables now, and talk much closer to home
- ◆ How much personal detail do we put online for all to see?

# Reconnaissance

- ◆ Web surfing habits
- ◆ Cookies
- ◆ Resumes
- ◆ Web site histories ([www.archive.org](http://www.archive.org))
- ◆ News group posts
- ◆ Friends
- ◆ Relatives
- ◆ School archives
- ◆ Maps



## **Shop Smarter!**



[Home](#) [Yellow Pages](#) [White Pages](#) [Reverse Lookups](#) [Toll-Free](#) [International Links](#) [Search the Web](#) [Help](#)

## Help

Enter the Area Code and Telephone number to do your search.

## Promotions



[Search Now!](#)



Search New and Used  
amazon.com.

[Find a Person or Business by Phone Number](#)

**Area Code *Required*** Telephone Number *Required*

### Figure 6

Telephone 746

Find It

Remember: Cell phone numbers are not yet available on AnyWhere

## ***Shop Smarter!***



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[AT&T WorldNet Service](#) | [About our Partners](#) | [Advertise with Us](#)





# Welcome to the Community Wireless Node Database Project

Here you will find information on Community Wireless Group locations...

If there are any locations that should be here and aren't, please by all means [drop me an email](#)

All areas listed below were either by request by more than one person, or due to a foreseen need, as an area was an active wireless community without an existing node database in place





### Node information (site)

## Maps

### Node name

**Short node name:** Queens: 42nd St and Parsons Ave - NYCwireless

Wiki Entry: No - Add One Now!

## Administrative contact information

Contact's  
name: [Contact Me](#)  
(Click to  
email)

Node status: Fully operational node  
ESSID: linksys

### Geospatial site location

Elevation: 0

Error: 0

### Descriptive site location

### Description:

### Suburb:

State:

Postcode:

### Country

### Site image

JIRI

## More information

URL:



zoom: in | out

Map data from [MapBlast!](#)





## Get advice that pays at HomeAdvisor.



[ApartmentGuide.com](#)  
[ImproveNet](#)  
[RadioShack](#)  
[StateFarm Insurance](#)

### TerraServer

#### Search TerraServer


[Home](#) > [Advanced](#) > [Address Search](#)



## Address Search

### New Address Search

Enter a street address or location you would like to view. You must enter a street name. The City, State, and Zip code fields are optional. Click the  button below to submit your address search query.

**Street:****City:****State:****Zip Code:**

**Get Mobile Web Service**  
 from VZW with MSN®

### Explore MSN

#### MSN Home

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[Broadband Access](#)  
[Business](#)  
[Buy Tickets](#)  
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[Downloads](#)  
[Entertainment](#)  
[Find Friends & Colleagues](#)  
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[Health](#)  
[Horoscopes](#)  
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[Kids](#)  
[Learning & Research](#)  
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[Sports by ESPN](#)

**MSN - More Useful Everyday**

Address  Go Links >

MSN Home | My MSN | Hotmail | Search | Shopping | Money | People &amp; Chat

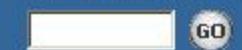
Contributors

Resources



TerraServer

Search TerraServer



► Navigate

▼ Advanced Find

Address

Geographic

Place

Stream Gauge

► Famous Places

► Web Services

► About

ApartmentGuide.com  
ImproveNet  
RadioShack  
StateFarm Insurance

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Health

Horoscopes

House &amp; Home

Internet Access Specials

Kids

Learning &amp; Research

Love &amp; Relationships

Maps &amp; Directions

Money

Music

News

and Opinion

Shopping

Sports by ESPN

## Address Search

Search Results for -- 7 strongs ln, east setauket NY 11733

Found 1 address candidates. Checked the best 10 address matches and found 1 with imagery.

Address	Available Image
1 7 Strongs Ln, East Setauket, NY 11733	<a href="#">Aerial Photo 4/8/1994</a> <a href="#">Topo Map 7/1/1988</a>

### New Address Search

Enter a street address or location you would like to view. You must enter a street name. The City, State, and Zip code fields are optional. Click the

button below to submit your address search query.

Street:

City:

State:

Zip Code:



Address  Go Links >

Advanced Find | Info | Download | Print | E-Mail | Help | Home Advisor

Get Mobile Web Service  
from VZW with MSN®

## Search TerraServer

GO

## Navigate

View: 

2 meter resolution

Map Size: 

Advanced Find

Famous Places

Web Services

About

## Related Links:

## Other Imagery:

USGS Aerial Photo 08 Apr 1994

## HomeAdvisor Links:

Homes for sale in 11733

Schools, Crime and Demographics for 11733

Home &gt; Advanced &gt; Address Search &gt; 7 Strong Ln, East Setauket, NY 11733

7 Strong Ln, East Setauket, NY 11733 July 01, 1967 USGS

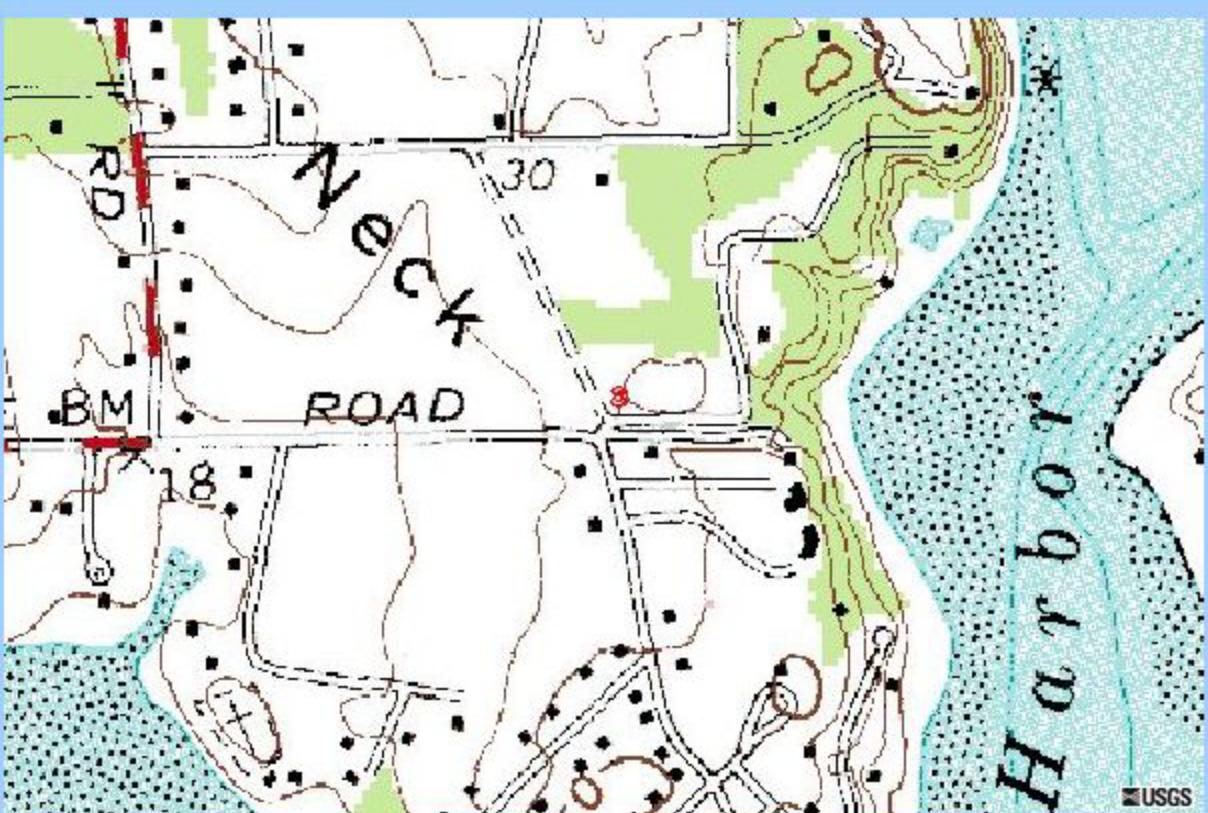


Image courtesy of the U.S. Geological Survey

## Explore MSN

- MSN Home
- Auto Price Quotes
- Broadband Access
- Business
- Buy Tickets
- Careers
- City Guides
- Downloads
- Entertainment
- Find Friends & Colleagues
- Games
- Greeting Cards
- Health
- Horoscopes
- House & Home
- Internet Access Specials
- Kids
- Learning & Research
- Love & Relationships
- Maps & Directions
- Money
- Music
- News
- and Opinion
- Shopping
- Sports by ESPN
- Tech & Gadgets
- Travel
- Women



# Final Thoughts

- ◆ We have shown a few ways that a web browser can be used to gather huge amounts of target information, and a few ways the web browser can be used to exploit trivial vulnerabilities
- ◆ There are many more online services like the ones pointed out in this presentation
- ◆ It is easy to collect and analyze this information to produce thorough profiles



# Thank You

Karsten Johansson  
KSAJ Inc.

[www.PENETRATIONTEST.com](http://www.PENETRATIONTEST.com)