# WordPress Security

written by Mert SARICA | 2 September 2019 For nearly a decade, I have been conducting research on cybersecurity and continue to write and share what I have learned with all of you. When I look at the feedback I receive from you, it makes me very happy to see that many of you benefit from what I write. Sometimes, there are those who perform minor cyber attacks to my blog, such as a small-scale DoS attack, not with malicious intent but simply to send me a message. There are also instances where I encounter attacks that I cannot fully understand the reason or intention behind, including attempts to access the administrator page. Based on this, in this article, I have decided to share how I detect one of these attacks and provide tips on how WordPress CMS users like myself can secure their blogs.

Lockout	138.204.71.226	21 September, 2018 01:48	Used an invalid username 'MERTSARICAadmin' to try to sign in.	20 November, 2018 01:48	1	21 September, 2018 01:48
Lockout	202.137.154.225	20 September, 2018 20:49	Used an invalid username 'adminMERTSARICA' to try to sign in.	19 November, 2018 20:49	1	20 September, 2018 20:49
Lockout	168.90.143.169	20 September, 2018 20:49	Used an invalid username 'adminMERTSARICA' to try to sign in.	19 November, 2018 20:49	1	20 September, 2018 20:49
Lockout	115.84.91.17	20 September, 2018 20:49	Used an invalid username 'adminMERTSARICA' to try to sign in.	19 November, 2018 20:49	1	20 September, 2018 20:49
Lockout	180.183.247.248	20 September, 2018 19:07	Used an invalid username 'MERTSARICA_admin' to try to sign in.	19 November, 2018 19:07	1	20 September, 2018 19:07
Lockout	143.255.153.156	20 September, 2018 19:07	Used an invalid username 'MERTSARICA_admin' to try to sign in.	19 November, 2018 19:07	1	20 September, 2018 19:07
Lockout	143.255.153.88	20 September, 2018 17:40	Used an invalid username 'adminMERTSARICA' to try to sign in.	19 November, 2018 17:40	1	20 September, 2018 17:40
Lockout	187.190.239.214	20 September, 2018 17:28	Used an invalid username 'adminMERTSARICA' to try to sign in.	19 November, 2018 17:28	2	12 October, 2018 00:48
Lockout	5.133.62.29	20 September, 2018 17:28	Used an invalid username 'adminMERTSARICA' to try to sign in.	19 November, 2018 17:28	1	20 September, 2018 17:28
Lockout		5 September, 2018 15:26	Used an invalid username 'Antalya\'dan selamlar! - Anil Karagenc' to try to sign in.	4 November, 2018 15:26	1	5 September, 2018 15:26
Lockout		5 September, 2018 11:22	Used an invalid username 'Seviliyorsunuz.' to try to sign in.	4 November, 2018 11:22	1	5 September, 2018 11:22
Lockout		31 August, 2018 15:55	Used an invalid username 'hocam cekilis' to try to sign in.	30 October, 2018 15:55	1	31 August, 2018 15:55

First, if we look at the statistical information related to WordPress, it is the most widely used content management system globally, accounting for about 60% of the CMS market. Approximately 33% of all websites on the internet use WordPress, with over 55,000 plugins available. Over the years, the types of vulnerabilities detected in WordPress have varied, but the most commonly found vulnerability to date is Cross-Site Scripting (XSS). When we examine the WordPress vulnerability database, we can see that more than 15,000 vulnerabilities have been identified in WordPress core code and plugins.

When we consider how WordPress sites are generally hacked, we often find that it is due to insecure hosting services, weak administrator passwords, outdated versions of WordPress, plugins, themes, and the use of pirated themes (Backdoor Hunting) containing backdoors.

Although my wp-admin page, which is used to detect weak administrator passwords, is publicly accessible, I have been using the Duo Two-Factor Authentication plugin for years to implement multi-factor authentication for administrator login. I also utilize the Wordfence Security plugin to automatically block IP addresses involved in brute-force attacks, as well as to detect and report potential security vulnerabilities. Additionally, I prefer to use premium themes to avoid themes containing backdoors. To avoid dealing with insecure hosting services, I have been using a VPS for many years.

One day in July 2018, while checking the security dashboard of my Wordfence plugin, I noticed that the most blocked IP addresses were from Turkey, indicating attempts of brute-force attacks on my administrator page. When I checked the whois information of these IP addresses, I discovered that the majority of them were associated with a hosting service provider called iDealhosting. Intrigued by this, I decided to closely monitor the attacks originating from these IP addresses on my blog as part of a security investigation. Wordfence activity in the past week



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## Top 5 IPs Blocked

IP	Country	Block Count
185.86.164.100	💁 TR	14
185.85.238.244	💽 TR	14
185.86.164.103	💁 TR	14
185.86.164.108	💽 TR	13
185.86.164.101	💽 TR	13

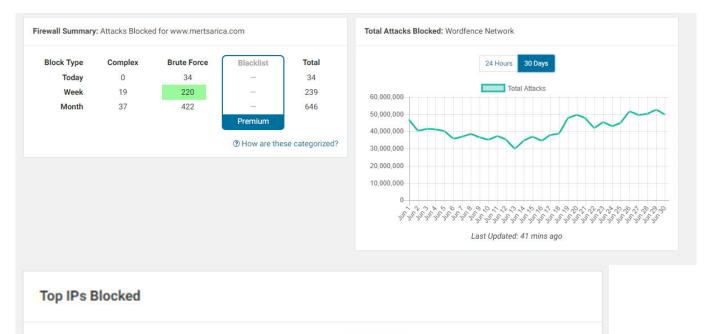
Update Blocked IPs

## Top 5 Countries Blocked

Country	Total IPs Blocked	Block Count		
TR	120	220		
FR FR	1	13		
😹 GB	1	4		
UA	1	2		

**Update Blocked Countries** 

## Top 5 Failed Logins



	24 Hours 7 Days 30 Days			
P	Country		Block Count	
194.6.231.251	Ukraine		48	
185.85.239.110	Turkey	64	40	
5.101.40.93	Russian Federation		34	
185.86.164.100	Turkey	64	31	
185.86.164.98	Turkey	¢*	30	
185.85.238.244	Turkey	64	29	
185.85.190.132	Turkey	64	28	
185.119.81.11	Turkey	6	27	
185.86.164.99	Turkey	C+	27	
185.85.191.201	Turkey	64	26	
	Show more			

op IPs Blocked				
	24 Hours 7 Days	30 Days		
185.85.191.201	Turkey	0	3	-
185.85.239.195	Turkey	<b>C</b> +	3	
185.86.164.110	Turkey	<b>6</b>	3	
185.86.164.108	Turkey	<b>C</b> +	3	
185.86.164.107	Turkey	C+	2	
185.119.81.11	Turkey	<b>6</b>	2	
185.86.164.103	Turkey	<b>6</b>	2	
185.85.239.110	Turkey	<b>6</b>	2	
185.86.164.109	Turkey	<u>с</u> и	2	
185.86.164.101	Turkey	<b>6</b>	2	
185.86.164.100	Turkey	<b>6</b>	2	
185.119.81.50	Turkey	0	2	
185.86.13.213	Turkey	0	1	
185.86.164.106	Turkey	C+	1	

When I checked the security dashboard again in October, I noticed that the brute-force attacks were still ongoing from 22 IP addresses. As a security researcher, one of the first questions that came to mind was whether this was a targeted attack attempt on my blog. One of the easiest ways to determine this was to learn the passwords used in the brute-force attacks. Therefore, without wasting any time, I got to work on it.

Top IPs Blocked						Firewall Summar	y: Attacks Block	ed for www.mertsar	ca.com	
	24 Hours	7 Days 30 Days				Block Type	Complex	Brute Force	Blacklist	Total
185.119.81.11	Тигкеу		64	41		Today	0	51	-	51
185.85.239.195	Turkey		<b>C</b> *	40		Week	6	257	8	324
						Month	8	2.822	1. <del></del>	2.896
85.86.164.104	Turkey		C+	40	_				Premium	
185.119.81.50	Turkey		0	38					⑦ How are the	ese categoriz
185.85.191.201	Turkey		6	38						
185.86.13.213	Turkey		0	37		Total Attacks Blo	cked: Wordfenc	e Network		
185.86.167.4	Turkey		0	36						
185.86.164.109	Turkey		0	36				24 Hours 30 Days		
185.86.164.99	Turkey		0	35		6,000,000		Total Attacks		
185.85.238.244	Turkey		0	35		5,000,000			~~~	
185.86.164.107	Turkey		0	29		4,000,000				
185.86.164.110	Turkey		0	27		3,000,000				
185.86.164.103	Turkey		0	27		2,000,000				
185.85.191.196	Turkey		0	21		1,000,000				
						0	\$° \$° \$° \$° \$° \$°	£, £ \$ £ £ £ £		11 - La

#### IP Tools

Decimal IP Calculator ASN Information CIDR/Netmask

What's your IP

IP Geo-location Lookup

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## WHOIS IP Lookup Tool

The IPWHOIS Lookup tool finds contact information for the owner of a specified IP address.

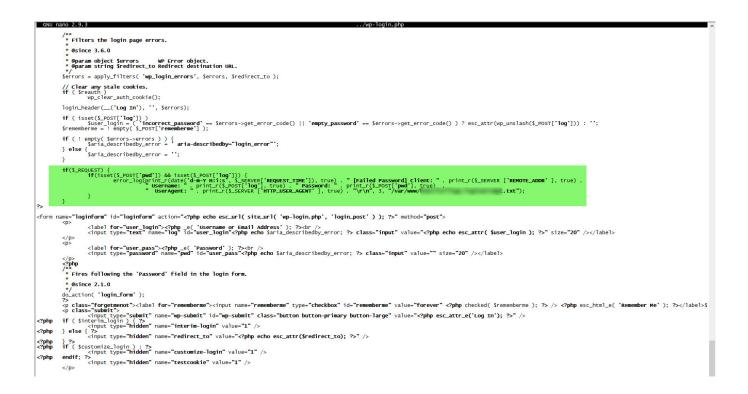
Email + Share

Enter a host name or an IP address:

#### 185.86.13.213 Go » Related Tools: DNS Traversal Traceroute Vector Trace Ping WHOIS Lookup Source: whois.ripe.net IP Address: 185.86.13.213 % This is the RIPE Database query service. % The objects are in RPSL format. % % The RIPE Database is subject to Terms and Conditions. % See http://www.ripe.net/db/support/db-terms-conditions.pdf % Note: this output has been filtered. % To receive output for a database update, use the "-B" flag. % Information related to '185.86.13.0 - 185.86.13.255' % Abuse contact for '185.86.13.0 - 185.86.13.255' is 'abuse@idealhosting.net.tr' inetnum: 185.86.13.0 - 185.86.13.255 netname: iDeal-Net descr: IDEAL HOSTING SUNUCU INTERNET HIZM. TIC. LTD. STI remarks: http://www.idealhosting.net.tr country: TR ORG-IHSI2-RIPE org: admin-c: T01964-RIPE FY267-RIPE tech-c: status: LIR-PARTITIONED PA mnt-by: mnt-lower: IDEALHOSTING-MNTNER IDEALHOSTING-MNTNER remarks: Abuse & intrusion reports should be sent to: abuse@idealhosting.net.tr remarks: remarks: remarks: 2016-10-28T08:45:52Z created: last-modified: 2016-10-28T08:45:52Z source: RIPE organisation: ORG-IHSI2-RIPE IDEAL HOSTING SUNUCU INTERNET HIZM. TIC. LTD. STI org-name: Other org-type: address: Agaoglu 212 MyOffice K.19 D.314-315-316 Gunesli, Bagcilar / ?STANBUL +902127060300 IH1624-RIPE phone: abuse-c:

C C https://www.infobyig	.com/ipbulklookup.php								☆ (	0 🖬	n 🖬 🖬		۵
ck 4 Career. Inform 🛗 LinkedIn 🈏 Mer	sARICA (mertsa 🕅 Inbox - mert	t.sarica (0										-	
		Additional DNS	6 record type	to lookup f	or domains	CNAME V Lookup							
	IP	Domain	Country	Region	City	ISP	ASN	CNAME					
	185.85.190.132	132-190-85-185.ip.idealhosting.net.tr	Turkey			Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.85.191.196	near.localoffersforyou.com	💶 Turkey			Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.85.191.201	201-191-85-185.ip.idealhosting.net.tr	Turkey			Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.85.238.244	server.techajans.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.85.239.110	110-164.86.185.ip.idealhosting.net.tr	💶 Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.85.239.195	195-164.86.185.ip.idealhosting.net.tr	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.13.213	213-13-86-185.ip.idealhosting.net.tr	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.100	visualpleasures.net	📴 Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.101	dddh.visualpleasures.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.102	endy.significanttime.com	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.103	adcore.phicallyon.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.104	opark.phicallyon.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.106	momdot.emcytown.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.107	kabaya.emcytown.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.108	necessary.generositycool.com	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.109	generositycool.com	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.110	generositycool.com	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.111	waifall-rush.generositycool.com	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.98	vinculos.visualpleasures.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.164.99	bellsouth.visualpleasures.net	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						
	185.86.167.4	4-189-85-185.ip.idealhosting.net.tr	Turkey	34	Istanbul	Ideal Hosting Sunucu Internet Hiz. Tic. Ltd. Sti.	AS29262						

First, I prepared a PHP code that records failed login attempts to the wplogin.php file, along with the passwords, and saves them to disk. Then, to stay informed about any changes in the recorded file in real-time, I made a small definition in OSSEC HIDS.



during tests // findudes // findudes

GNU nano 2.9.3

When I examined the recorded failed username and password attempts throughout the end of October and the month of November, I discovered that the attempted usernames and passwords consisted of words found in my blog posts rather than ordinary dictionary words. This information indicated to me that it was indeed a targeted attack attempt.

OSSEC Alert - Batcave - Level 7 - Integrity checksum changed. D Ossec ×	
OSSEC HIDS @mertsarica.com <u>via</u> to me ▼	Thu, Nov 29, 2018, 6:41 AM
OSSEC HIDS Notification. 2018 Nov 29 06:41:34	
Received From: Batcave->syscheck Rule: 550 fired (level 7) -> "Integrity checksum changed." Portion of the log(s):	
Integrity checksum changed for: '/var/www/ ibt' What changed: 1280a1281 > 29-11-2018 03:41:33 [Failed Password] Client: 185.85.191.196 Username: nopcon Password: nopcon UserAgent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.1 Old md5sum was: 'ba37834ade8a5e92130b7cc510e1e2' New md5sum is : '4eeb500b9f5a311c89066d480c0113c6f Old sha1sum was: '49a3saedc40d043b2381283a78f5201a1990722' New sha1sum is : '5f4ce34ec958b65fda0efbe516f6a4b61a5e18ea'	).2704.103 Safari/537.36
END OF NOTIFICATION	

<pre>[rootBatcave:/var/# head -n 80txt   grep 185. 26-10-2018 18:52:08 [Failed Password] Client: 185.86.164.101 username: admin Password: hedef userAgent: Mozilla/5.0 (Windows NT 10.0; WOW64) ApplewebKit/537.36 (KHTML, like Gecko) chrome/51.0.2704.103 Safari/5 37.36</pre>
26-10-2018 21:24:54 [Failed Password] Client: 185.86.164.98 Username: admin Password: oyunda UserAgent: Mozilla/5.0 (Windows NT 10.0; W0W64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 22-10-2018 21:58:22 [Failed Password] Client: 185.86.164.100 Username: kimin Password: kimin UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 25-10-2018 22:40:00 [Failed Password] Client: 185.86.164.104 Username: fakt Password: fakt UserAgent: Mozilla/5.0 (Windows NT 10.0; WoW64) Applewebkit/337.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537
.36 27-10-2018 01:08:40 [Failed Password] Client: 185.86.164.106 Username: admin Password: zaman UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 27-10-2016 01:43:35 [Failed Password] Client: 185.86.164.110 Username: kas password: kas UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537.3
27-10-2018 02:16:56 [Failed Password] Client: 185.85.239.110 Username: admin Password: immunity UserAgent: Mozilla/5.0 (windows NT 10.0; w0w64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safar
1/537.36 127-10-2018 02:29:39 [Failed Password] Client: 185.85.239.110 Username: admin Password: havayolu UserAgent: Mozilla/5.0 (windows NT 10.0; wOw64) Applewebxit/537.36 (kHTML, like Gecko) Chrome/51.0.2704.103 Safar
1/537.36 127-10-2018 03:48:26 [Failed Password] Client: 185.86.164.99 Username: admin Password: uluda UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/53
7.36 127-10-2018 04:03:22 [Failed Password] Client: 185.86.164.106 Username: ertsarica Password: ertsarica UserAgent: Mozilla/5.0 (Windows NT 10.0; WOW64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103
Safar1/537.36 [27-10-2018 04:20:38 [Failed Password] Client: 185.86.164.106 Username: tsaric Password: tsaric UserAgent: Mozilla/5.0 (windows NT 10.0; w0W64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari
/537.36 27-10-2016 04:43:01 [Failed Password] Client: 185.86.167.4 Username: admin Password: nyaca UserAgent: Mozilla/5.0 (windows NT 10.0; w0W64) Applewebkit/337.36 (KHTML, like Gecko) chrome/51.0.2704.103 Safari/537
-36 27-10-2018 06:09:38 [Failed Password] Client: 185.86.164.109 Username: bildi Password: bildi UserAgent: Mozilla/5.0 (Windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 27-10-2018 06:49:47 [Failed Password] Client: 185.86.164.108 Username: venli Password: venli UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 27-10-2016 07:02:05 [Failed Password] Client: 185.85.239.195 Username: control Password: control UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safa
r1/337.36 27-10-2018 07:06:58 [Failed Password] Client: 185.86.164.107 Username: admin Password: esnas UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 27-10-2018 07:15:52 [Failed Password] Client: 185.85.191.201 Username: hem Password: hem UserAgent: Mozilla/5.0 (windows NT 10.0; Wow64) Applewebkit/337.36 (KHML, like Gecko) chrome/51.0.2704.103 Safari/537.3
6 27-10-2018 07:34:13 [Failed Password] Client: 185.86.164.99 Username: venli Password: venli UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/53
7:36 27-10-2018 09:25:13 [Failed Password] Client: 185.86.164.100 Username: fatmal Password: fatmal UserAgent: Mozilla/5.0 (windows NT 10.0; woW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari
(/337.36 127-10-2016 09:30:33 [Failed Password] Client: 185.85.238.244 Username: sarica Password; sarica UserAgent: Mozilla/5.0 (windows NT 10.0; wow64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari
/537.36 27-10-2016 09:53:18 [Failed Password] Client: 185.86.13.213 Username: admin Password: ederim UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 27-10-2018 10:07:53 [Failed Password] Client: 185.86.164.103 Username: bankac Password: bankac UserAgent: Mozilla/5.0 (windows NT 10.0; wow64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari
/537.36 127-10-2015 10:23:36 [Failed Password] Client: 185.86.164.102 Username: admin Password: control UserAgent: Mozilla/5.0 (windows NT 10.0; woW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari
/537.36 127-10-2015 10:36:49 [Failed Password] Client: 185.86.164.104 Username: admin Password: fakt UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/53
7.36 27-10-2018 10:52:28 [Failed Password] Client: 185.85.190.132 Username: admin Password: tsari UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (kHTML, like Gecko) Chrome/51.0.2704.103 Safari/5
37.36 27-10-2016 11:13:48 [Failed Password] Client: 185.86.164.106 Username: toka Password: toka UserAgent: Mozilla/5.0 (windows NT 10.0; wow64) Applewebkit/337.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537
1.36 1.36 1.36 1.36 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1

When I revisited the attempted passwords in February 2019, I noticed that this time the passwords being tested were obtained from the database of Rockyou.com, which was hacked in 2009.

prot8atcave:/vsr/www # tail -n 20 ...txt | grep 185; 04-02-2019 02:09:32 [Failed Password] Client: 185.86.164.101 username: admin Password: isabel userAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 02:49:19 [Failed Password] Client: 185.86.164.101 username: admin Password: isabel userAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 02:49:19 [Failed Password] Client: 185.86.164.106 Username: admin Password: isabel userAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 05:35:39 [Failed Password] Client: 185.85.238.244 Username: admin Password: natalie UserAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 06:51:01 [Failed Password] Client: 185.86.164.104 Username: admin Password: natalie UserAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 06:51:01 [Failed Password] Client: 185.86.164.90 Username: admin Password: natalie UserAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 07:50:08 [Failed Password] Client: 185.86.164.90 Username: admin Password: natalie UserAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 07:50:08 [Failed Password] Client: 185.86.164.90 Username: admin Password: cuteako UserAgent: Mozilla/5.0 (windows NT 10.0; WoW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 04-02-2019 07:50:08 [Failed Password] Client: 185.85.194.201 Username: admin Password: cuteako UserAgent: Mozilla/5.0 (windows NT 10.0; WOW64) Applewebkit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 safari/5 037.36 04-02-2019 10:26:03 [Failed Password] Client: 185.85.194.201 Username: admin Pa



#### cuteako javier natalie password

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About 1,220 results (0.43 seconds)

#### distributed-password-cracking/passwords.txt at master ... - GitHub@

https://github.com/brannondorsey/distributed-password-cracking/blob/.../passwords.txt karen. mustang. isabel. natalie. cuteako. javier. 789456123. 123654. sarah. bowwow. portugal. laura. 777777. marvin. denise. tigers. volleyball. jasper. rockstar.

#### Images for cuteako javier natalie password



More images for cuteako javier natalie password

Report images

### python-pentesting/passwords.txt at master · jmortega/python ... - GitHub®

https://github.com/jmortega/python-pentesting/blob/master/passwords.txt password. iloveyou. princess. 1234567. 12345678. abc123. nicole. daniel .... natalie. cuteako. javier. 789456123. 123654. sarah. bowwow. portugal. laura.

#### Common Passwords - npm®

https://www.npmjs.com/signup/common-passwords 123456 12345 123456789 password iloveyou princess 1234567 12345678 ... brenda adidas kitten karen mustang isabel natalie cuteako javier 789456123 ...

#### List of most common passwords - PH4.ORG®

#### https://www.ph4.org/pass\_passlist.php •

123456; 12345; 123456789; password; iloveyou; princess; 1234567; rockyou ... natalie; cuteako; javier; 789456123; 123654; sarah; bowwow; portugal; laura ...

123456 12345 123456789 password iloveyou princess ... - MSU CSE®

www.cse.msu.edu/~cse231/PracticeOfComputingUsingPython/.../Password.../rockyou.txt 123456 12345 123456789 password iloveyou princess 1234567 rockyou ... brenda adidas kitten karen mustang isabel natalie cuteako javier 789456123 ...

#### Openwall's list

www.openwall.com/passwords/wordlists/password-2011.lst •

After completing my research, I decided to tighten the security controls that I had previously relaxed. Firstly, I enabled the Google Captcha plugin for the administrator page. This added an additional layer of protection against automated login attempts. Additionally, in the Brute Force Protection section of Wordfence's Firewall settings, I configured it to automatically block IP addresses that made failed username attempts. These measures helped strengthen the security of my website.

#### Google Captcha Settings

Settings	Google Captcha Setting Need Help? <u>Visit Help Center</u>	S								
Misc	Authentication									
Custom Code		le to get required API keys and ente	r them below. <u>Get the API Keys</u>							
	Site Key		×							
License Key										
	Secret Key	•								
		Test reCAPTCHA								
	General									
	CADTOLIA V	O Marriag 2								
	reCAPTCHA Version	<ul><li>Version 2</li><li>Version 3</li></ul>								
		Invisible								
	Enable reCAPTCHA for	<ul> <li>WordPress default</li> </ul>								
		Login form								
	_	Registration form	i							
		Reset password f	orm							
		Comments form								
		External Plugins								
k to Firewall					RESTORE DEFAULTS CANCEL CHANGES SAVE CHANG					
ute Force Protectior				-						
able brute force prot is option enables all odify individual option	Brute Force Protection" options, including to	vo-factor authentication, strong passwo	rd enforcement, and invalid login throttling. You can	OFF ON						
Lock out aft	er how many login failures 🕐		5	•						
Lock out aft	er how many forgot password attempts $\ensuremath{\mathfrak{D}}$		5	•						
Count failur	es over what time period 🕲		10 minutes	•						
Amount of t	ime a user is locked out 🛞		2 months	•						
<ul> <li>Immediately</li> </ul>	r lock out invalid usernames ®									
Immediately Hit enter to ad	block the IP of users who try to sign in as th	ese usernames ®								
	u a username									
Prevent the	use of passwords leaked in data breaches	0	For admins only	•						
Iditional Options										

As a result of this research, I sadly learned that someone has been attempting to hack my blog for months. For WordPress CMS users like myself, I strongly recommend installing and properly configuring the Google Captcha, Duo Two-Factor Authentication, and Wordfence Security plugins. Additionally, I highly recommend closely monitoring your systems with OSSEC HIDS to detect any suspicious activities. Taking these precautions is crucial to enhance the security of your WordPress website. Hope to see you in the following articles.