



Local File Read in CandidATS 3.0.0 via XXE

Summary



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Affected versions	Version 3.0.0
State	Public
Release date	2022-10-27

Vulnerability

Kind	XML injection (XXE)
Rule	<u>083. XML injection (XXE)</u>
Remote	Yes
CVSSv3 Vector	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:N
CVSSv3 Base Score	6.5
Exploit available	Yes
CVE ID(s)	<u>CVE-2022-42745</u>



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The XXE present in CandidATS 3.0.0, allows an unauthenticated remote attacker to read arbitrary files from the server. To trigger this vulnerability, we will need to upload a malicious DOCX to the server.

Exploitation

In this attack we will be able to read arbitrary files from the server, through an XXE.

CandidATS - Candidate - x +

https://demo.candidates.net/index.php?m=candidates&a=show&candidateID=183

Kali Linux | Kali Tools | Kali Docs | Kali Forums | Kali NetHunter | Exploit-DB | Google Hacking DB | OffSec

CandidATS

CATS Administrator <admin> (DETROIT LIONS) Administrator

Dashboard | Activities | Job Orders | Candidates | Companies | Contacts | Lists | Calendar | Reports | Settings

Add Candidate | Search Candidate

Recent: Babu KS | puneet3 anora | Kaver Balram | xh1-hole-ch1-mundo | Internal Postings

Quick Search: Go

Candidates

Candidate details

Candidate: Babu KS

E-Mail: nidamanurashok99@gmail.com

2nd E-Mail:

Home Phone:

Cell Phone: 798-905-5148

Work Phone:

Best Time To Call: 10 AM

Address: hyderabad, TS 500073

Web Site: varuntech.com

Created: 22-03-22 (08:41 PM) (CATS Administrator)

Owner: CATS Administrator

Date Available: 24-03-22

Current Employer: Ashoka Pvt Ltd

Key Skills: Manual Testing and Automation

Can Relocate: Yes

Current Pay: 3.2

Desired Pay: 7.6

Pipeline: 4

Submitted: 0

Source: Indeed

Modified: 15-08-22 (01:07 PM) (CATS Administrator)

Gender: Male

Ethnicity: American Indian

Veteran Status: No Veteran Status

Disability Status: No

Misc. Notes:

Upcoming Events:

Attachments: Schedule Event Add Attachment

Edit Delete View History Transfer Copy Administrative Hide

Emails Send Email

Date Subject From To Module Edit

Job Order Pipeline

Match	Title	Company	Owner	Added	Entered By	Status	Action
★★★★★	Manual Testers	Internal Postings	CATS A.	22-03-22	CATS A.	Candidate Responded	
☆☆☆☆☆	Full Stack Developer	Company #1	CATS A.	17-01-22	CATS A.	No Contact	
★★★★☆	Electric Tech	Fake Company	CATS A.	12-06-22	CATS A.	No Contact	
☆☆☆☆☆	partest	Pr*** Min**	CATS A.	30-06-22	CATS A.	No Contact	



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Our security policy

We have reserved the CVE-2022-42745 to refer to these issues from now on.

- <https://fluidattacks.com/advisories/policy/>

System Information

- Version: CandidATS 3.0.0
- Operating System: GNU/Linux

Mitigation

There is currently no patch available for this vulnerability.

Credits

The vulnerability was discovered by Carlos Bello from Fluid Attacks' Offensive Team.

References



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Vulnerability discovered.



2022-10-11

Vendor contacted.



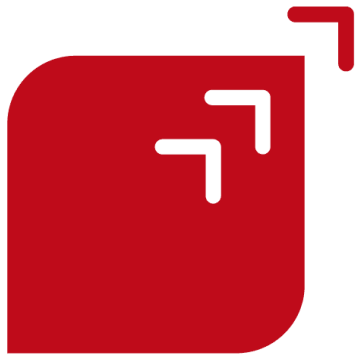
2022-10-11

Vendor replied acknowledging the report.



2022-10-27

Public Disclosure.



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