



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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Address: hyderabad, TS 500073

Web Site: varuntech.com

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

Owner: CATS Administrator

Gender: Male

Ethnicity: American Indian

Misc. Notes:

Upcoming Events:

Attachments:

Schedule Event

exploit.docx 12-10-22 (12:32:05 AM)

Add Attachment

Edit | Delete | View History | Transfer | Copy | Administrative Hide

Emails

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	
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★★★★★	Electric Tech	Fake Company	CATS A.	12-06-22	CATS A.	No Contact	

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.



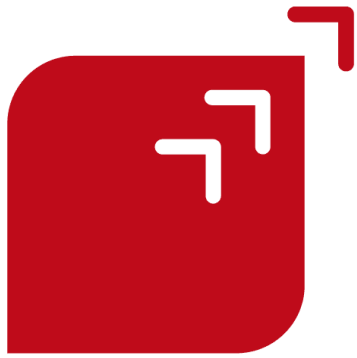
2022-10-11

Vendor replied acknowledging the report.



2022-10-27

Public Disclosure.



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