



# 0day attacks

[Home](#) / [Advisories](#) / Local File Read in CandidATS 3.0.0 via XXE

## Local File Read in CandidATS 3.0.0 via XXE

### Summary



#### This website uses cookies

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners who may combine it with other information that you've provided to them or that they've collected from your use of their services. You consent to our cookies if you continue to use our website.

[Allow all cookies](#)

[Show details](#)

<b>Affected versions</b>	Version 3.0.0
<b>State</b>	Public
<b>Release date</b>	2022-10-27

### Vulnerability

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



#### This website uses cookies

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners who may combine it with other information that you've provided to them or that they've collected from your use of their services. You consent to our cookies if you continue to use our website.

Allow all cookies

Show details

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.

The screenshot shows the CandidATS web application interface. The top navigation bar includes links for Dashboard, Activities, Job Orders, Candidates, Companies, Contacts, Lists, Calendar, Reports, and Settings. The main content area displays the 'Candidates' section with a search bar and a list of candidates. The selected candidate, Babu KS, is shown with details such as E-Mail, Home Phone, Cell Phone, Work Phone, Address, Web Site, and Date Available. A 'Job Order Pipeline' table is also visible, showing the candidate's history of job applications.

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	P**** M****	CATS A.	30-06-22	CATS A.	No Contact	



## This website uses cookies

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners who may combine it with other information that you've provided to them or that they've collected from your use of their services. You consent to our cookies if you continue to use our website.

Allow all cookies

Show details

The screenshot shows the CandidATS web application interface, similar to the one above. The 'Attachments' section is highlighted with a red box, showing a list of files uploaded by the candidate. The files include 'exploit.docx' and '12-10-22 (12:32:05 AM)'. The 'Job Order Pipeline' table is also visible below the attachments.

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	

## 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



### This website uses cookies

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners who may combine it with other information that you've provided to them or that they've collected from your use of their services. You consent to our cookies if you continue to use our website.

[Allow all cookies](#)

[Show details](#)



Vulnerability discovered.



2022-10-11

Vendor contacted.



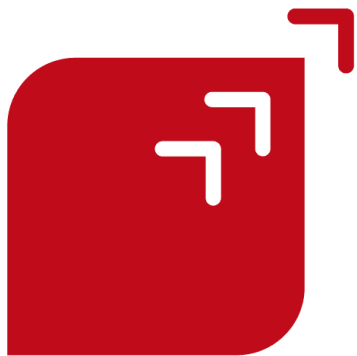
2022-10-11

Vendor replied acknowledging the report.



2022-10-27

Public Disclosure.



## Services



### This website uses cookies

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners who may combine it with other information that you've provided to them or that they've collected from your use of their services. You consent to our cookies if you continue to use our website.

[Allow all cookies](#)[Show details](#)

Secure Code Review

Red Teaming

Breach and Attack Simulation

Security Testing

Penetration Testing

Ethical Hacking

Vulnerability Management

Blog

Certifications

Partners

Careers

Advisories

FAQ

Documentation

Contact

Copyright © 2022 Fluid Attacks. We hack your software. All rights reserved.

[Service Status](#) - [Terms of Use](#) - [Privacy Policy](#) - [Cookie Policy](#)



### **This website uses cookies**

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners who may combine it with other information that you've provided to them or that they've collected from your use of their services. You consent to our cookies if you continue to use our website.

[Allow all cookies](#)

[Show details](#)