



# CVE-2022-35872

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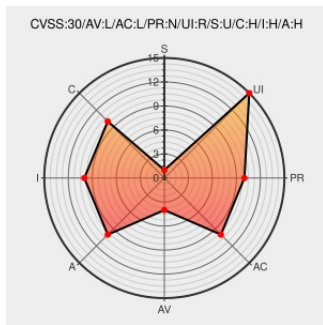
## CVE-2022-35872

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Ignition](#) from [Inductiveautomation](#) contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on affected installations of Inductive Automation Ignition 8.1.15 (b2022030114). User interaction is required to exploit this vulnerability in that the target must visit a malicious page or open a malicious file.

The specific flaw exists within the parsing of ZIP files. The issue results from the lack of proper validation of user-supplied data, which can result in deserialization of untrusted data. An attacker can leverage this vulnerability to execute code in the context of SYSTEM. Was ZDI-CAN-17115.

CVE-2022-35872 has been assigned by [zdi-disclosures@trendmicro.com](mailto:zdi-disclosures@trendmicro.com) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Inductive Automation - Ignition** version **8.1.15 (b2022030114)**

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
<b>LOCAL</b>	<b>LOW</b>	<b>NONE</b>	<b>REQUIRED</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>HIGH</b>	<b>HIGH</b>	<b>HIGH</b>

### CVE References

Description	Tags	Link
Security check	<a href="https://support.inductiveautomation.com/text/html">support.inductiveautomation.com/text/html</a> <b>Inactive Link</b> <b>Not Archived</b>	MISC <a href="https://support.inductiveautomation.com/hc/en-us/articles/7625759776653-Regarding-Pwn2Own-2022-Vulnerabilities">support.inductiveautomation.com/hc/en-us/articles/7625759776653-Regarding-Pwn2Own-2022-Vulnerabilities</a>
Published   Zero Day Initiative	<a href="https://www.zerodayinitiative.com/text/html">www.zerodayinitiative.com/text/html</a>	MISC <a href="https://www.zerodayinitiative.com/advisories/ZDI-22-1019/">www.zerodayinitiative.com/advisories/ZDI-22-1019/</a>

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There are currently no QIDs associated with this CVE




### Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Inductiveautomation</a>	<a href="#">Ignition</a>	8.1.15	All	All	All
cpe:2.3:a:inductiveautomation:ignition:8.1.15:*:*:*:*:*:						

### Discovery Credit


Piotr Bazydlo (@chudy pb)

### Social Mentions

Source	Title	Posted (UTC)
 @TheZDIBugs	ZDI-22-1019[CVE-2022-35872] (Pwn2Own) Inductive Automation Ignition Deserialization of Untrusted Data Remote Code E... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2022-07-15 20:01:25
 @CVEreport	CVE-2022-35872 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2022-07-25 18:26:07
 /r/netcve	<a href="#">CVE-2022-35872</a>	2022-07-25 19:38:29

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