CVE-2022-35870

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CVE-2022-35870

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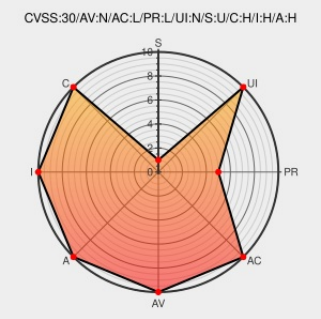

Certain versions of Ignition from Inductiveautomation contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on affected installations of Inductive Automation Ignition 8.1.15 (b2022030114). Although authentication is required to exploit this vulnerability, the existing authentication mechanism can be bypassed. The specific flaw exists within com.inductiveautomation.metro.impl. 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-17265.

CVE-2022-35870 has been assigned by 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
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Security check	support.inductiveautomation.com text/html Inactive Link Not Archived	MISC support.inductiveautomation.com/hc/en-us/articles/7625759776653-Regarding-Pwn2Own-2022-Vulnerabilities
ZDI-22-1017 | Zero Day Initiative	www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-22-1017/

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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	Inductiveautomation	Ignition	8.1.15	All	All	All

cpe:2.3:a:inductiveautomation:ignition:8.1.15:*:*:*:*:*:*:*:

Discovery Credit

@_s_n_t of @pentestltd

Social Mentions

Source	Title	Posted (UTC)
@TheZDIBugs	[ZDI-22-1017|CVE-2022-35870] (Pwn2Own) Inductive Automation Ignition Deserialization of Untrusted Data Remote Code… twitter.com/i/web/status/1…	2022-07-15 19:48:24
@CVEreport	CVE-2022-35870 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of… twitter.com/i/web/status/1…	2022-07-25 18:25:28
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2022-35870 This vulnerability allows remote attackers to execute arbitrary c… twitter.com/i/web/status/1…	2022-07-25 20:56:01
@LinInfoSec	Metro - CVE-2022-35870: zerodayinitiative.com/advisories/ZDI…	2022-07-25 22:01:03
/r/netcve	CVE-2022-35870	2022-07-25 19:38:28

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