



CVE-2023-1617

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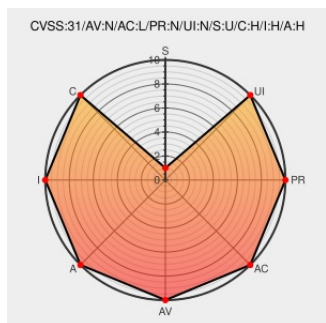
CVE-2023-1617

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of **Vc4** from **Br-automation** contain the following vulnerability:

Improper Authentication vulnerability in B&R Industrial Automation B&R VC4 (VNC-Server modules). This vulnerability may allow an unauthenticated network-based attacker to bypass the authentication mechanism of the VC4 visualization on affected devices. The impact of this vulnerability depends on the functionality provided in the

visualization. This issue affects B&R VC4: from 3.* through 3.96.7, from 4.0* through 4.06.7, from 4.1* through 4.16.3, from 4.2* through 4.26.8, from 4.3* through 4.34.6, from 4.4* through 4.45.1, from 4.5* through 4.45.3, from 4.7* through 4.72.9.

CVE-2023-1617 has been assigned by cybersecurity@ch.abb.com to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
	www.br-automation.com/application/pdf	B&R MISC www.br-automation.com/downloads_br_productcatalogue/assets/1681046878970-en-original-1.0.pdf

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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	Br-automation	Vc4	All	All	All	All
Application	Br-automation	Vc4	All	All	All	All
Application	Br-automation	Vc4	All	All	All	All
Application	Br-automation	Vc4	All	All	All	All
Application	Br-automation	Vc4	All	All	All	All
Application	Br-automation	Vc4	All	All	All	All
cpe:2.3:a:br-automation:vc4:*****:***:						
cpe:2.3:a:br-automation:vc4:*****:***:						
cpe:2.3:a:br-automation:vc4:*****:***:						
cpe:2.3:a:br-automation:vc4:*****:***:						
cpe:2.3:a:br-automation:vc4:*****:***:						
cpe:2.3:a:br-automation:vc4:*****:***:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-1617 : Improper Authentication vulnerability in B&R Industrial Automation B&R VC4 VNC-Server modules . T... twitter.com/i/web/status/1...	2023-04-14 12:09:26

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