CVE-2022-29952

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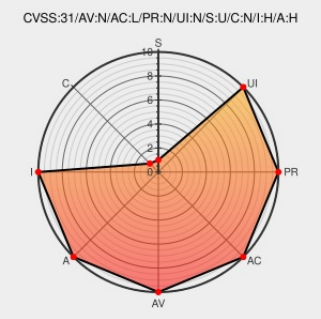

Certain versions of Bently Nevada 3701/40 from Bakerhughes contain the following vulnerability:

Bently Nevada condition monitoring equipment through 2022-04-29 mishandles authentication. It utilizes the TDI command and data protocols (60005/TCP, 60007/TCP) for communications between the monitoring controller and System 1 and/or Bently Nevada Monitor Configuration (BNMC) software. These protocols provide configuration management and historical data related functionality. Neither protocol has any authentication features, allowing any attacker capable of communicating with the ports in question to invoke (a subset of) desired functionality.

CVE-2022-29952 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.1 - CRITICAL

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

CVE References

Description	Tags	Link
Bently Nevada ADAPT 3701/4X Series and 60M100 | CISA	www.cisa.gov text/html	MISC www.cisa.gov/uscert/ics/advisories/icsa-22-188-02
Blog - Forescout	web.archive.org text/html Inactive Link Not Archived	MISC www.forescout.com/blog/

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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
Hardware	Bakerhughes	Bently Nevada 3701/40	-	All	All	All
Operating System	Bakerhughes	Bently Nevada 3701/40 Firmware	All	All	All	All
Hardware	Bakerhughes	Bently Nevada 3701/44	-	All	All	All
Operating System	Bakerhughes	Bently Nevada 3701/44 Firmware	All	All	All	All
Hardware	Bakerhughes	Bently Nevada 3701/46	-	All	All	All
Operating System	Bakerhughes	Bently Nevada 3701/46 Firmware	All	All	All	All
Hardware	Bakerhughes	Bently Nevada 60m100	-	All	All	All
Operating System	Bakerhughes	Bently Nevada 60m100 Firmware	-	All	All	All

cpe:2.3:h:bakerhughes:bently_nevada_3701\/40:-:*:*:*:*:*:*:*:

cpe:2.3:o:bakerhughes:bently_nevada_3701\/40_firmware:*:*:*:*:*:*:*:*:

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cpe:2.3:h:bakerhughes:bently_nevada_3701\/46:-:*:*:*:*:*:*:*:

cpe:2.3:o:bakerhughes:bently_nevada_3701\/46_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:bakerhughes:bently_nevada_60m100:-:*:*:*:*:*:*:*:

cpe:2.3:o:bakerhughes:bently_nevada_60m100_firmware:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-29952 : Bently Nevada condition monitoring equipment through 2022-04-29 mishandles authentication. It util… twitter.com/i/web/status/1…	2022-07-26 22:09:14
/r/netcve	CVE-2022-29952	2022-07-26 22:38:18

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