



# CVE-2022-33971

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## Summary

<b>CVE</b>	CVE-2022-33971
<b>State</b>	PUBLIC
<b>Assigner</b>	vultures@jpcert.or.jp
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-07-04 02:15:00 UTC
<b>Updated</b>	2022-07-15 17:12:00 UTC
<b>Description</b>	Authentication bypass by capture-replay vulnerability exists in Machine automation controller NX7 series all models V1.28 a

## Risk And Classification

**Problem Types:** CWE-294

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Omron</a>	<a href="#">Nj-pa3001</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj-pa3001 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj-pd3001</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj-pd3001 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj101-1000</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj101-1000 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj101-1020</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj101-1020 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj101-9000</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj101-9000 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj101-9020</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj101-9020 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj301-1100</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj301-1100 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj301-1200</a>	-	All	All	All
Operating System	<a href="#">Omron</a>	<a href="#">Nj301-1200 Firmware</a>	All	All	All	All
Hardware	<a href="#">Omron</a>	<a href="#">Nj501-1300</a>	-	All	All	All

Operating System	Omron	Nj501-1300 Firmware	All	All	All	All
Hardware	Omron	Nj501-1320	-	All	All	All
Operating System	Omron	Nj501-1320 Firmware	All	All	All	All
Hardware	Omron	Nj501-1340	-	All	All	All
Operating System	Omron	Nj501-1340 Firmware	All	All	All	All
Hardware	Omron	Nj501-140	-	All	All	All
Operating System	Omron	Nj501-140 Firmware	All	All	All	All
Hardware	Omron	Nj501-1420	-	All	All	All
Operating System	Omron	Nj501-1420 Firmware	All	All	All	All
Hardware	Omron	Nj501-1500	-	All	All	All
Operating System	Omron	Nj501-1500 Firmware	All	All	All	All
Hardware	Omron	Nj501-1520	-	All	All	All
Operating System	Omron	Nj501-1520 Firmware	All	All	All	All
Hardware	Omron	Nj501-4300	-	All	All	All
Operating System	Omron	Nj501-4300 Firmware	All	All	All	All
Hardware	Omron	Nj501-4310	-	All	All	All
Operating System	Omron	Nj501-4310 Firmware	All	All	All	All
Hardware	Omron	Nj501-4320	-	All	All	All
Operating System	Omron	Nj501-4320 Firmware	All	All	All	All
Hardware	Omron	Nj501-4400	-	All	All	All
Operating System	Omron	Nj501-4400 Firmware	All	All	All	All
Hardware	Omron	Nj501-4500	-	All	All	All
Operating System	Omron	Nj501-4500 Firmware	All	All	All	All
Hardware	Omron	Nj501-5300	-	All	All	All
Operating System	Omron	Nj501-5300 Firmware	All	All	All	All
Hardware	Omron	Nj501-r300	-	All	All	All
Operating System	Omron	Nj501-r300 Firmware	All	All	All	All
Hardware	Omron	Nj501-r320	-	All	All	All
Operating System	Omron	Nj501-r320 Firmware	All	All	All	All
Hardware	Omron	Nj501-r400	-	All	All	All
Operating System	Omron	Nj501-r400 Firmware	All	All	All	All
Hardware	Omron	Nj501-r420	-	All	All	All
Operating System	Omron	Nj501-r420 Firmware	All	All	All	All
Hardware	Omron	Nj501-r500	-	All	All	All
Operating System	Omron	Nj501-r500 Firmware	All	All	All	All

Hardware	Omron	Nj501-r520	-	All	All	All
Operating System	Omron	Nj501-r520 Firmware	All	All	All	All
Hardware	Omron	Nx102-1000	-	All	All	All
Operating System	Omron	Nx102-1000 Firmware	All	All	All	All
Hardware	Omron	Nx102-1020	-	All	All	All
Operating System	Omron	Nx102-1020 Firmware	All	All	All	All
Hardware	Omron	Nx102-1100	-	All	All	All
Operating System	Omron	Nx102-1100 Firmware	All	All	All	All
Hardware	Omron	Nx102-1120	-	All	All	All
Operating System	Omron	Nx102-1120 Firmware	All	All	All	All
Hardware	Omron	Nx102-1200	-	All	All	All
Operating System	Omron	Nx102-1200 Firmware	All	All	All	All
Hardware	Omron	Nx102-1220	-	All	All	All
Operating System	Omron	Nx102-1220 Firmware	All	All	All	All
Hardware	Omron	Nx102-9020	-	All	All	All
Operating System	Omron	Nx102-9020 Firmware	All	All	All	All
Hardware	Omron	Nx1p2-1040dt	-	All	All	All
Hardware	Omron	Nx1p2-1040dt1	-	All	All	All
Operating System	Omron	Nx1p2-1040dt1 Firmware	All	All	All	All
Operating System	Omron	Nx1p2-1040dt Firmware	All	All	All	All
Hardware	Omron	Nx1p2-1140dt	-	All	All	All
Hardware	Omron	Nx1p2-1140dt1	-	All	All	All
Operating System	Omron	Nx1p2-1140dt1 Firmware	All	All	All	All
Operating System	Omron	Nx1p2-1140dt Firmware	All	All	All	All
Hardware	Omron	Nx1p2-9024dt	-	All	All	All
Hardware	Omron	Nx1p2-9024dt1	-	All	All	All
Operating System	Omron	Nx1p2-9024dt1 Firmware	All	All	All	All
Operating System	Omron	Nx1p2-9024dt Firmware	All	All	All	All
Hardware	Omron	Nx1w-adb21	-	All	All	All
Operating System	Omron	Nx1w-adb21 Firmware	All	All	All	All
Hardware	Omron	Nx1w-cif01	-	All	All	All
Operating System	Omron	Nx1w-cif01 Firmware	All	All	All	All
Hardware	Omron	Nx1w-cif11	-	All	All	All
Operating System	Omron	Nx1w-cif11 Firmware	All	All	All	All
Hardware	Omron	Nx1w-cif12	-	All	All	All

Operating System	Omron	<a href="#">Nx1w-cit12 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx1w-dab21v</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx1w-dab21v Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx1w-mab221</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx1w-mab221 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx701-1600</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx701-1600 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx701-1620</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx701-1620 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx701-1700</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx701-1700 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx701-1720</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx701-1720 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx701-z600</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx701-z600 Firmware</a>	All	All	All	All
Hardware	Omron	<a href="#">Nx701-z700</a>	-	All	All	All
Operating System	Omron	<a href="#">Nx701-z700 Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
JVNVU#97050784: Multiple vulnerabilities in OMRON products	MISC	<a href="#">jvn.jp</a>	
<a href="#">www.ia.omron.com/product/vulnerability/OMSR-2022-002_en.pdf</a>	MISC	<a href="#">www.ia.omron.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[591183](#) Omron NJ/NX-series Machine Automation Controllers Vulnerability (ICSA-22-314-07)

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