



# CVE-2020-28895

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-28895
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-02-03 16:15:00 UTC
<b>Updated</b>	2022-05-12 14:33:00 UTC
<b>Description</b>	In Wind River VxWorks, memory allocator has a possible overflow in calculating the memory block's size to be allocated by

## Risk And Classification

**Problem Types:** CWE-787 | CWE-190

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle</a>	46.7.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle</a>	All	All	All	All
Operating System	<a href="#">Windriver</a>	<a href="#">Vxworks</a>	All	All	All	All
Operating System	<a href="#">Windriver</a>	<a href="#">Vxworks</a>	6.9.4.12	-	All	All
Operating System	<a href="#">Windriver</a>	<a href="#">Vxworks</a>	6.9.4.12	rolling_cumulative_patch_layer1	All	All
Operating System	<a href="#">Windriver</a>	<a href="#">Vxworks</a>	All	All	All	All
Operating System	<a href="#">Windriver</a>	<a href="#">Vxworks</a>	6.9.4.12	-	All	All
Operating System	<a href="#">Windriver</a>	<a href="#">Vxworks</a>	6.9.4.12	rolling_cumulative_patch_layer1	All	All

## References

Reference	Source	Link	Tags
CVE-2020-28895	MISC	<a href="#">support2.windriver.com</a>	Vendor Advisory
Oracle Critical Patch Update Advisory - April 2022	MISC	<a href="#">www.oracle.com</a>	
You need to be login in order to view this page	MISC	<a href="#">support2.windriver.com</a>	Permissions Required
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** Reported by Omri Ben Bassat <v-obenbassat@microsoft.com>

There are currently no legacy QID mappings associated with this CVE.

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