



CVE-2019-9865

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Vxworks](#) from [Windriver](#) contain the following vulnerability:

When RPC is enabled in Wind River VxWorks 6.9 prior to 6.9.1, a specially crafted RPC request can trigger an integer overflow leading to an out-of-bounds memory copy. It may allow remote attackers to cause a denial of service (crash) or possibly execute arbitrary code.

CVE-2019-9865 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Security Notices	Vendor Advisory www.windriver.com/text/xml	/ CONFIRM www.windriver.com/feeds/wind_river_security_notices.xml
Safety and Security Notices - Wind River Support	Vendor Advisory	/ MISC support2.windriver.com/index.php?page=security-

comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Windriver	Vxworks	All	All	All	All
Operating System	Windriver	Vxworks	6.6	All	All	All
Operating System	Windriver	Vxworks	6.7	All	All	All
Operating System	Windriver	Vxworks	6.8	All	All	All
Operating System	Windriver	Vxworks	All	All	All	All
Operating System	Windriver	Vxworks	6.6	All	All	All
Operating System	Windriver	Vxworks	6.7	All	All	All
Operating System	Windriver	Vxworks	6.8	All	All	All
cpe:2.3:o:windriver:vxworks:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:6.6:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:6.7:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:6.8:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:6.6:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:6.7:*:*:*:*:*.*:						
cpe:2.3:o:windriver:vxworks:6.8:*:*:*:*:*.*:						

No vendor comments have been submitted for this CVE

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