



# CVE-2020-4788

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2020-4788
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@us.ibm.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-11-20 04:15:00 UTC
<b>Updated</b>	2023-11-07 03:23:00 UTC
<b>Description</b>	IBM Power9 (AIX 7.1, 7.2, and VIOS 3.1) processors could allow a local user to obtain sensitive information from the data in

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.1.0	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.1.5	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.0	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.3	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.4	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.5	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.1.0	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.1.5	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.0	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.3	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.4	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Aix</a>	7.2.5	All	All	All
Operating System	<a href="#">ibm</a>	<a href="#">Power9</a>	-	All	All	All

Operating System	ibm	Power9	-	All	All	All
Application	ibm	Vios	3.1.0	All	All	All
Application	ibm	Vios	3.1.1	All	All	All
Application	ibm	Vios	3.1.2	All	All	All
Operating System	ibm	Vios	3.1.0	All	All	All
Operating System	ibm	Vios	3.1.1	All	All	All
Operating System	ibm	Vios	3.1.2	All	All	All
Operating System	ibm	Vios	3.1.0	All	All	All
Operating System	ibm	Vios	3.1.1	All	All	All
Operating System	ibm	Vios	3.1.2	All	All	All
Application	Oracle	Communications Cloud Native Core Binding Support Function	22.1.3	All	All	All
Application	Oracle	Communications Cloud Native Core Network Exposure Function	22.1.1	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	22.2.0	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 32 Update: kernel-5.9.10-100.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists</a>
[SECURITY] Fedora 33 Update: kernel-5.9.10-200.fc33 - package-announce - Fedora Mailing-Lists		<a href="#">lists</a>
Security Bulletin: IBM has released AIX and VIOS iFixes in response to a vulnerability in IBM POWER9 (CVE-2020-4788)	CONFIRM	<a href="#">ww</a>
oss-security - Re: CVE-2020-4788: Speculation on incompletely validated data on IBM Power9	MLIST	<a href="#">ww</a>
oss-security - CVE-2020-4788: Speculation on incompletely validated data on IBM Power9	MLIST	<a href="#">ww</a>
[SECURITY] Fedora 32 Update: kernel-5.9.10-100.fc32 - package-announce - Fedora Mailing-Lists		<a href="#">lists</a>
IBM X-Force Exchange	XF	<a href="#">excl</a>
[SECURITY] Fedora 33 Update: kernel-5.9.10-200.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists</a>
Oracle Critical Patch Update Advisory - July 2022	N/A	<a href="#">ww</a>
CVE Program record	CVE.ORG	<a href="#">ww</a>
NVD vulnerability detail	NVD	<a href="#">nvd</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[159276](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9305)

[159280](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9308)

[159825](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)

<a href="#">240298</a> Red Hat Update for kernel security (RHSA-2022:1988)
<a href="#">330083</a> IBM AIX Vulnerabilities in power9 (power9_advisory)
<a href="#">670185</a> EulerOS Security Update for kernel (EulerOS-SA-2021-1684)
<a href="#">750376</a> OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
<a href="#">750428</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0075-1)
<a href="#">750488</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2260-1)
<a href="#">750508</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2193-1)
<a href="#">750518</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2020:2161-1)
<a href="#">751437</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)
<a href="#">751441</a> OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)
<a href="#">751451</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)
<a href="#">940517</a> AlmaLinux Security Update for kernel (ALSA-2022:1988)

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