



# CVE-2021-3638

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

## Summary

<b>CVE</b>	CVE-2021-3638
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-03-03 23:15:00 UTC
<b>Updated</b>	2023-02-23 20:23:00 UTC
<b>Description</b>	An out-of-bounds memory access flaw was found in the ATI VGA device emulation of QEMU. This flaw occurs in the ati_2d

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Application	<a href="#">Qemu</a>	<a href="#">Qemu</a>	All	All	All	All

## References

Reference	Source
[SECURITY] Fedora 37 Update: qemu-7.0.0-12.fc37 - package-announce - Fedora Mailing-Lists	MISC
CVE-2021-3638 QEMU Vulnerability in NetApp Products   NetApp Product Security	CONFIRM
[PATCH] hw/display/ati_2d: Fix buffer overflow in ati_2d_blt (CVE-2021-3	MISC
CVE-2021-3638   Ubuntu	MISC
1979858 - (CVE-2021-3638) CVE-2021-3638 QEMU: ati-vga: inconsistent check in ati_2d_blt() may lead to out-of-bounds write	MISC
[SECURITY] Fedora 36 Update: qemu-6.2.0-17.fc36 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 37 Update: qemu-7.0.0-12.fc37 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 36 Update: qemu-6.2.0-17.fc36 - package-announce - Fedora Mailing-Lists	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

160408 Oracle Enterprise Linux Security Update for qemu (ELSA-2023-12065)
160453 Oracle Enterprise Linux Security Update for virt:kvm_utils (ELSA-2023-12108)
178817 Debian Security Update for qemu (DSA 4980-1)
183246 Debian Security Update for qemu (CVE-2021-3638)
283510 Fedora Security Update for qemu (FEDORA-2022-22b1f8dae2)
283617 Fedora Security Update for qemu (FEDORA-2023-c8a60f6f80)
754898 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2023:3721-1)
755084 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2023:4056-1)
755817 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2024:0589-1)
900747 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (8957)
900989 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (8975)
902022 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (8957-1)
902114 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (8975-1)

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