CVE-2021-3695

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Summary

CVE	CVE-2021-3695
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-06 16:15:00 UTC
Updated	2023-09-13 16:15:00 UTC
Description	A crafted 16-bit grayscale PNG image may lead to a out-of-bounds write in the heap area. An attacker may take advantage

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	Fedoraproject	Fedora	36	All
Application	Gnu	Grub	All	All
Application	Gnu	Grub2	All	All
Application	Netapp	Ontap Select Deploy Administration Utility	-	All
Application	Redhat	Codeready Linux Builder	-	All
Application	Redhat	Developer Tools	1.0	All
Operating System	Redhat	Enterprise Linux	8.0	All
Operating System	Redhat	Enterprise Linux	9.0	All
Operating System	Redhat	Enterprise Linux	8.0	All
Operating System	Redhat	Enterprise Linux	8.1	All
Operating System	Redhat	Enterprise Linux	8.4	All
Operating System	Redhat	Enterprise Linux	9.0	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All
Operating System	Redhat	Enterprise Linux Eus	9.0	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All

Operating System	Redhat	Enterprise Linux Eus	8.4	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All
Operating System	Redhat	Enterprise Linux Eus	9.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	9.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.2	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.4	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	9.0	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All
Operating System	Redhat	Enterprise Linux Server Aus	8.6	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.1	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.2	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.4	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.6	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	9.0	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All
Operating System	Redhat	Enterprise Linux Server Tus	8.6	All
Application	Redhat	Openshift	3.0	All
Application	Redhat	Openshift Container Platform	4.10	All
Application	Redhat	Openshift Container Platform	4.6	All
Application	Redhat	Openshift Container Platform	4.9	All

References

Reference	Source	L
July 2022 Grub Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	s
1991685 – (CVE-2021-3695) CVE-2021-3695 grub2: Crafted PNG grayscale images may lead to out-of-bounds write in heap	MISC	b
GRUB: Multiple Vulnerabilities (GLSA 202209-12) — Gentoo security	GENTOO	s
CVE Program record	CVE.ORG	v
NVD vulnerability detail	NVD	r

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159883 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9471)

159884 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9469)

159943 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-5099)

159967 Oracle Enterprise Linux Security Update for grub2, mokutil, shim, and shim-unsigned-x64 (ELSA-2022-5095)

159985 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9596)

159986 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9595)

161027 Oracle Enterprise Linux Security Update for grub2 (ELSA-2023-12952)

181022 Debian Security Update for grub2 (CVE-2021-3695)

240473 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5100)

240474 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5099)

240476 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5096)

240477 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5095)

282811 Fedora Security Update for grub2 (FEDORA-2022-27932fdd06)

282866 Fedora Security Update for grub2 (FEDORA-2022-9b4f9af4ce)

354332 Amazon Linux Security Advisory for grub2 : ALAS2022-2022-109

354535 Amazon Linux Security Advisory for grub2 : ALAS-2022-109

355137 Amazon Linux Security Advisory for grub2 : ALAS2023-2023-020

355617 Amazon Linux Security Advisory for grub2 : ALAS2-2023-2146

377130 Alibaba Cloud Linux Security Update for grub2, mokutil, shim, and shim-unsigned-x64 (ALINUX3-SA-2022:0134)

377622 Alibaba Cloud Linux Security Update for grub2, mokutil, shim, and shim-unsigned-x64 (ALINUX3-SA-2022:0164)

672021 EulerOS Security Update for grub2 (EulerOS-SA-2022-2242)

672026 EulerOS Security Update for grub2 (EulerOS-SA-2022-2221)

672031 EulerOS Security Update for grub2 (EulerOS-SA-2022-2255)

672032 EulerOS Security Update for grub2 (EulerOS-SA-2022-2268)

672109 EulerOS Security Update for grub2 (EulerOS-SA-2022-2318)

672131 EulerOS Security Update for grub2 (EulerOS-SA-2022-2289)

672248 EulerOS Security Update for grub2 (EulerOS-SA-2022-2611)

710619 Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202209-12)

752214 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2037-1)

752215 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2041-1)

752216 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2036-1)

752217 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2035-1)

752218 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2038-1)

752221 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2064-1)

752229 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2074-1)

907566 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (31034-1)

940639 AlmaLinux Security Update for grub2, (ALSA-2022:5095)

940640 AlmaLinux Security Update for grub2, (ALSA-2022:5099)

960155 Rocky Linux Security Update for grub2, (RLSA-2022:5095)

960538 Rocky Linux Security Update for grub2, (RLSA-2022:5099)