



# CVE-2021-3520

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## Summary

<b>CVE</b>	CVE-2021-3520
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-06-02 13:15:00 UTC
<b>Updated</b>	2024-03-27 16:12:00 UTC
<b>Description</b>	There's a flaw in lz4. An attacker who submits a crafted file to an application linked with lz4 may be able to trigger an integer overflow.

## Risk And Classification

### Problem Types: CWE-190

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Lz4 Project</a>	<a href="#">Lz4</a>	1.8.3	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Active Iq Unified Manager</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Ontap Select Deploy Administration Utility</a>	-	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Policy</a>	1.14.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Zfs Storage Appliance Kit</a>	8.8	All	All	All
Application	<a href="#">Splunk</a>	<a href="#">Universal Forwarder</a>	All	All	All	All
Application	<a href="#">Splunk</a>	<a href="#">Universal Forwarder</a>	9.1.0	All	All	All

## References

Reference	Source
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
1954559 – (CVE-2021-3520) CVE-2021-3520 lz4: memory corruption due to an integer overflow bug caused by memmove argument	MISC
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
Oracle Critical Patch Update Advisory - April 2022	MISC
CVE-2021-3520 lz4 Vulnerability in NetApp Products   NetApp Product Security	CONF
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
Oracle Critical Patch Update Advisory - July 2021	N/A

Oracle Critical Patch Update Advisory - October 2021	MISC
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
CVE Program record	CVE.C
NVD vulnerability detail	NVD



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159288</a> Oracle Enterprise Linux Security Update for Iz4 (ELSA-2021-2575)
<a href="#">178590</a> Debian Security Update for Iz4 (DLA 2657-1)
<a href="#">178618</a> Debian Security Update for Iz4 (DSA 4919-1)
<a href="#">178632</a> Debian Security Update for Iz4 (DSA 4919-1)
<a href="#">179635</a> Debian Security Update for Iz4 (CVE-2021-3520)
<a href="#">198387</a> Ubuntu Security Notification for LZ4 vulnerability (USN-4968-1)
<a href="#">20354</a> Oracle Database 19c Critical Patch Update - July 2023
<a href="#">20355</a> Oracle Database 21c Critical Patch Update - July 2023
<a href="#">20356</a> Oracle Database 19c Critical OJVM Patch Update - July 2023
<a href="#">239465</a> Red Hat Update for Iz4 (RHSA-2021:2575)
<a href="#">296053</a> Oracle Solaris 11.4 Support Repository Update (SRU) 35.94.4 Missing (CPUJUL2021)
<a href="#">354329</a> Amazon Linux Security Advisory for Iz4 : ALAS2022-2022-169
<a href="#">354372</a> Amazon Linux Security Advisory for Iz4 : ALAS2022-2022-137
<a href="#">355122</a> Amazon Linux Security Advisory for Iz4 : ALAS2023-2023-015
<a href="#">377421</a> Alibaba Cloud Linux Security Update for Iz4 (ALINUX3-SA-2021:0049)
<a href="#">378599</a> Splunk Enterprise Third Party Package Updates for June (SVD-2023-0613)
<a href="#">378883</a> Splunk Enterprise August Third Party Package Updates (SVD-2023-0808)
<a href="#">500373</a> Alpine Linux Security Update for Iz4
<a href="#">501753</a> Alpine Linux Security Update for Iz4
<a href="#">504131</a> Alpine Linux Security Update for Iz4

591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
670649 EulerOS Security Update for Iz4 (EulerOS-SA-2021-2407)
670716 EulerOS Security Update for Iz4 (EulerOS-SA-2021-2474)
670752 EulerOS Security Update for Iz4 (EulerOS-SA-2021-2510)
670777 EulerOS Security Update for Iz4 (EulerOS-SA-2021-2535)
670801 EulerOS Security Update for Iz4 (EulerOS-SA-2021-2559)
730206 McAfee Web Gateway Multiple Vulnerabilities (WP-3792, WP-4003, WP-4021, WP-4058, WP-4067)
750011 SUSE Enterprise Linux Security Update for Iz4 (SUSE-SU-2021:1613-1)
750021 SUSE Enterprise Linux Security Update for Iz4 (SUSE-SU-2021:1647-1)
750092 SUSE Enterprise Linux Security Update for Iz4 (SUSE-SU-2021:1825-1)
750198 OpenSUSE Security Update for Iz4 (openSUSE-SU-2021:0760-1)
750794 OpenSUSE Security Update for Iz4 (openSUSE-SU-2021:1825-1)
904839 Common Base Linux Mariner (CBL-Mariner) Security Update for fluent-bit (12326)
904851 Common Base Linux Mariner (CBL-Mariner) Security Update for librdkafka (12357)
904898 Common Base Linux Mariner (CBL-Mariner) Security Update for Iz4 (12361)
904992 Common Base Linux Mariner (CBL-Mariner) Security Update for Iz4 (12561)
940325 AlmaLinux Security Update for Iz4 (ALSA-2021:2575)
960088 Rocky Linux Security Update for Iz4 (RLSA-2021:2575)

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