



# CVE-2021-20254

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

## Summary

<b>CVE</b>	CVE-2021-20254
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-05-05 14:15:00 UTC
<b>Updated</b>	2023-11-07 03:29:00 UTC
<b>Description</b>	A flaw was found in samba. The Samba smbd file server must map Windows group identities (SIDs) into unix group ids (gid

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	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="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Application	<a href="#">Samba</a>	<a href="#">Samba</a>	All	All	All	All

## References

### Reference

<a href="#">[SECURITY] Fedora 32 Update: samba-4.12.15-0.fc32 - package-announce - Fedora Mailing-Lists</a>
<a href="#">1949442 - (CVE-2021-20254) CVE-2021-20254 samba: Negative idmap cache entries can cause incorrect group entries in the Samba file ser</a>
<a href="#">CVE-2021-20254 Samba Vulnerability in NetApp Products   NetApp Product Security</a>
<a href="#">[SECURITY] Fedora 32 Update: samba-4.12.15-0.fc32 - package-announce - Fedora Mailing-Lists</a>
<a href="#">Samba - Security Announcement Archive</a>
<a href="#">Samba: Multiple vulnerabilities (GLSA 202105-22) — Gentoo security</a>
<a href="#">[SECURITY] [DLA 2668-1] samba security update</a>
<a href="#">[SECURITY] Fedora 33 Update: samba-4.13.8-0.fc33 - package-announce - Fedora Mailing-Lists</a>

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [159251](#) Oracle Enterprise Linux Security Update for samba (ELSA-2021-2313)
- [159445](#) Oracle Enterprise Linux Security Update for samba (ELSA-2021-4058)
- [174965](#) SUSE Enterprise Linux Security Update for samba (SUSE-SU-2021:1438-1)
- [174966](#) SUSE Enterprise Linux Security Update for samba (SUSE-SU-2021:1444-1)
- [174967](#) SUSE Enterprise Linux Security Update for samba (SUSE-SU-2021:1445-1)
- [174981](#) SUSE Enterprise Linux Security Update for samba (SUSE-SU-2021:1492-1)
- [174982](#) SUSE Enterprise Linux Security Update for samba (SUSE-SU-2021:1498-1)
- [178607](#) Debian Security Update for samba (DLA 2668-1)
- [180095](#) Debian Security Update for samba (CVE-2021-20254)
- [198349](#) Ubuntu Security Notification for Samba vulnerability (USN-4930-1)
- [239404](#) Red Hat Update for samba (RHSA-2021:2313)
- [239443](#) Red Hat Update for samba (RHSA-2021:2313)
- [239759](#) Red Hat Update for samba security (RHSA-2021:3723)
- [239761](#) Red Hat Update for samba security (RHSA-2021:3724)
- [239764](#) Red Hat Update for samba (RHSA-2021:4058)
- [239915](#) Red Hat Update for samba (RHSA-2021:4866)
- [257084](#) CentOS Security Update for samba (CESA-2021:2313)
- [281234](#) Fedora Security Update for samba (FEDORA-2021-7026246ea9)
- [281235](#) Fedora Security Update for samba (FEDORA-2021-1d0807008b)
- [281236](#) Fedora Security Update for samba (FEDORA-2021-7de0418ec8)
- [296065](#) Oracle Solaris 11.4 Support Repository Update (SRU) 39.107.1 Missing (CPUOCT2021)
- [352457](#) Amazon Linux Security Advisory for samba: ALAS2-2021-1680
- [353170](#) Amazon Linux Security Advisory for samba : ALAS-2022-1564

377403 Alibaba Cloud Linux Security Update for samba (ALINUX3-SA-2021:0077)
377437 Alibaba Cloud Linux Security Update for samba (ALINUX2-SA-2021:0033)
500626 Alpine Linux Security Update for samba
501492 Alpine Linux Security Update for samba
501781 Alpine Linux Security Update for samba
504392 Alpine Linux Security Update for samba
670498 EulerOS Security Update for samba (EulerOS-SA-2021-2256)
670524 EulerOS Security Update for samba (EulerOS-SA-2021-2282)
670556 EulerOS Security Update for samba (EulerOS-SA-2021-2315)
670589 EulerOS Security Update for samba (EulerOS-SA-2021-2347)
670688 EulerOS Security Update for samba (EulerOS-SA-2021-2446)
670994 EulerOS Security Update for samba (EulerOS-SA-2021-2615)
690154 Free Berkeley Software Distribution (FreeBSD) Security Update for samba (6f33d38b-aa18-11eb-b3f1-005056a311d1)
710094 Gentoo Linux Samba Multiple vulnerabilities (GLSA 202105-22)
750236 OpenSUSE Security Update for samba (openSUSE-SU-2021:0636-1)
751157 OpenSUSE Security Update for samba (openSUSE-SU-2021:3187-1)
901689 Common Base Linux Mariner (CBL-Mariner) Security Update for samba (7352)
940344 AlmaLinux Security Update for samba (ALSA-2021:4058)
960002 Rocky Linux Security Update for samba (RLSA-2021:4058)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**