



# CVE-2020-25719

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## Summary

<b>CVE</b>	CVE-2020-25719
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-02-18 18:15:00 UTC
<b>Updated</b>	2023-09-17 09:15:00 UTC
<b>Description</b>	A flaw was found in the way Samba, as an Active Directory Domain Controller, implemented Kerberos name-based authentication.

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	21.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	21.10	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
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>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	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
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Desktop</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems Eus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems Eus</a>	8.4	All	All	All

Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Big Endian</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian Eus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian Eus</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Scientific Computing</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Update Services For Sap Solutions</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Update Services For Sap Solutions</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All
Application	<a href="#">Samba</a>	<a href="#">Samba</a>	All	All	All	All

## References

Reference	Source
<a href="#">Samba: Multiple Vulnerabilities (GLSA 202309-06) — Gentoo security</a>	GENTOO
<a href="#">2019732 – (CVE-2020-25719) CVE-2020-25719 samba: Samba AD DC did not always rely on the SID and PAC in Kerberos tickets</a>	MISC
<a href="#">Samba - Security Announcement Archive</a>	MISC
<a href="#">CVE Program record</a>	CVE.O
<a href="#">NVD vulnerability detail</a>	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">159552</a> Oracle Enterprise Linux Security Update for idm:DL1 (ELSA-2021-5142)
<a href="#">159572</a> Oracle Enterprise Linux Security Update for ipa (ELSA-2021-5195)
<a href="#">178884</a> Debian Security Update for samba (DSA 5003-1)
<a href="#">198583</a> Ubuntu Security Notification for Samba Vulnerability (USN-5142-1)
<a href="#">239963</a> Red Hat Update for idm:d11 (RHSA-2021:5142)
<a href="#">239971</a> Red Hat Update for ipa (RHSA-2021:5195)
<a href="#">239985</a> Red Hat Update for idm:d11 (RHSA-2022:0007)

239995 Red Hat Update for idm:dl1 (RHSA-2022:0076)
257138 CentOS Security Update for ipa (CESA-2021:5195)
282091 Fedora Security Update for freeipa (FEDORA-2021-1d77047c61)
282156 Fedora Security Update for freeipa (FEDORA-2021-12af2614da)
296061 Oracle Solaris 11.4 Support Repository Update (SRU) 42.113.1 Missing (CPUJAN2022)
354310 Amazon Linux Security Advisory for samba : ALAS2022-2022-022
354496 Amazon Linux Security Advisory for samba : ALAS2022-2022-224
354550 Amazon Linux Security Advisory for samba : ALAS-2022-224
355574 Amazon Linux Security Advisory for ipa : ALAS2-2023-2149
377272 Alibaba Cloud Linux Security Update for ipa (ALINUX2-SA-2021:0073)
377574 Alibaba Cloud Linux Security Update for idm:dl1 (ALINUX3-SA-2022:0117)
501490 Alpine Linux Security Update for samba
501779 Alpine Linux Security Update for samba
502027 Alpine Linux Security Update for samba
504394 Alpine Linux Security Update for samba
671280 EulerOS Security Update for samba (EulerOS-SA-2022-1246)
671315 EulerOS Security Update for samba (EulerOS-SA-2022-1258)
671372 EulerOS Security Update for samba (EulerOS-SA-2022-1295)
671384 EulerOS Security Update for samba (EulerOS-SA-2022-1311)
690244 Free Berkeley Software Distribution (FreeBSD) Security Update for samba (646923b0-41c7-11ec-a3b2-005056a311d1)
710751 Gentoo Linux Samba Multiple Vulnerabilities (GLSA 202309-06)
751345 OpenSUSE Security Update for samba and ldb (openSUSE-SU-2021:3647-1)
900914 Common Base Linux Mariner (CBL-Mariner) Security Update for samba (8704)
940255 AlmaLinux Security Update for idm:DL1 (ALSA-2021:5142)
960424 Rocky Linux Security Update for idm:DL1 (RLSA-2021:5142)

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