



CVE-2011-4079

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

Summary

CVE	CVE-2011-4079
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-10-27 20:55:00 UTC
Updated	2023-02-13 04:32:00 UTC
Description	Off-by-one error in the UTF8StringNormalize function in OpenLDAP 2.4.26 and earlier allows remote attackers to cause a d

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openldap	Openldap	1.0	All	All	All
Application	Openldap	Openldap	1.0.1	All	All	All
Application	Openldap	Openldap	1.0.2	All	All	All
Application	Openldap	Openldap	1.0.3	All	All	All
Application	Openldap	Openldap	1.1	All	All	All
Application	Openldap	Openldap	1.1.0	All	All	All
Application	Openldap	Openldap	1.1.1	All	All	All
Application	Openldap	Openldap	1.1.2	All	All	All
Application	Openldap	Openldap	1.1.3	All	All	All
Application	Openldap	Openldap	1.1.4	All	All	All
Application	Openldap	Openldap	1.2	All	All	All
Application	Openldap	Openldap	1.2.0	All	All	All
Application	Openldap	Openldap	1.2.1	All	All	All
Application	Openldap	Openldap	1.2.10	All	All	All
Application	Openldap	Openldap	1.2.11	All	All	All
Application	Openldap	Openldap	1.2.12	All	All	All
Application	Openldap	Openldap	1.2.13	All	All	All

Application	Openldap	Openldap	1.2.2	All	All	All
Application	Openldap	Openldap	1.2.3	All	All	All
Application	Openldap	Openldap	1.2.4	All	All	All
Application	Openldap	Openldap	1.2.5	All	All	All
Application	Openldap	Openldap	1.2.6	All	All	All
Application	Openldap	Openldap	1.2.7	All	All	All
Application	Openldap	Openldap	1.2.8	All	All	All
Application	Openldap	Openldap	1.2.9	All	All	All
Application	Openldap	Openldap	2.0	All	All	All
Application	Openldap	Openldap	2.0.0	All	All	All
Application	Openldap	Openldap	2.0.1	All	All	All
Application	Openldap	Openldap	2.0.10	All	All	All
Application	Openldap	Openldap	2.0.11	All	All	All
Application	Openldap	Openldap	2.0.11_11	All	All	All
Application	Openldap	Openldap	2.0.11_11s	All	All	All
Application	Openldap	Openldap	2.0.11_9	All	All	All
Application	Openldap	Openldap	2.0.12	All	All	All
Application	Openldap	Openldap	2.0.13	All	All	All
Application	Openldap	Openldap	2.0.14	All	All	All
Application	Openldap	Openldap	2.0.15	All	All	All
Application	Openldap	Openldap	2.0.16	All	All	All
Application	Openldap	Openldap	2.0.17	All	All	All
Application	Openldap	Openldap	2.0.18	All	All	All
Application	Openldap	Openldap	2.0.19	All	All	All
Application	Openldap	Openldap	2.0.2	All	All	All
Application	Openldap	Openldap	2.0.20	All	All	All
Application	Openldap	Openldap	2.0.21	All	All	All
Application	Openldap	Openldap	2.0.22	All	All	All
Application	Openldap	Openldap	2.0.23	All	All	All
Application	Openldap	Openldap	2.0.24	All	All	All
Application	Openldap	Openldap	2.0.25	All	All	All
Application	Openldap	Openldap	2.0.26	All	All	All
Application	Openldap	Openldap	2.0.27	All	All	All
Application	Openldap	Openldap	2.0.3	All	All	All
Application	Openldap	Openldap	2.0.4	All	All	All

Application	Openldap	Openldap	2.0.5	All	All	All
Application	Openldap	Openldap	2.0.6	All	All	All
Application	Openldap	Openldap	2.0.7	All	All	All
Application	Openldap	Openldap	2.0.8	All	All	All
Application	Openldap	Openldap	2.0.9	All	All	All
Application	Openldap	Openldap	2.1.10	All	All	All
Application	Openldap	Openldap	2.1.11	All	All	All
Application	Openldap	Openldap	2.1.12	All	All	All
Application	Openldap	Openldap	2.1.13	All	All	All
Application	Openldap	Openldap	2.1.14	All	All	All
Application	Openldap	Openldap	2.1.15	All	All	All
Application	Openldap	Openldap	2.1.16	All	All	All
Application	Openldap	Openldap	2.1.17	All	All	All
Application	Openldap	Openldap	2.1.18	All	All	All
Application	Openldap	Openldap	2.1.19	All	All	All
Application	Openldap	Openldap	2.1.2	All	All	All
Application	Openldap	Openldap	2.1.20	All	All	All
Application	Openldap	Openldap	2.1.21	All	All	All
Application	Openldap	Openldap	2.1.22	All	All	All
Application	Openldap	Openldap	2.1.23	All	All	All
Application	Openldap	Openldap	2.1.24	All	All	All
Application	Openldap	Openldap	2.1.25	All	All	All
Application	Openldap	Openldap	2.1.26	All	All	All
Application	Openldap	Openldap	2.1.27	All	All	All
Application	Openldap	Openldap	2.1.28	All	All	All
Application	Openldap	Openldap	2.1.29	All	All	All
Application	Openldap	Openldap	2.1.3	All	All	All
Application	Openldap	Openldap	2.1.30	All	All	All
Application	Openldap	Openldap	2.1.4	All	All	All
Application	Openldap	Openldap	2.1.5	All	All	All
Application	Openldap	Openldap	2.1.6	All	All	All
Application	Openldap	Openldap	2.1.7	All	All	All
Application	Openldap	Openldap	2.1.8	All	All	All
Application	Openldap	Openldap	2.1.9	All	All	All
Application	Openldap	Openldap	2.1_20	All	All	All

Application	Openldap	Openldap	2.2.0	All	All	All
Application	Openldap	Openldap	2.2.1	All	All	All
Application	Openldap	Openldap	2.2.10	All	All	All
Application	Openldap	Openldap	2.2.11	All	All	All
Application	Openldap	Openldap	2.2.12	All	All	All
Application	Openldap	Openldap	2.2.13	All	All	All
Application	Openldap	Openldap	2.2.14	All	All	All
Application	Openldap	Openldap	2.2.15	All	All	All
Application	Openldap	Openldap	2.2.16	All	All	All
Application	Openldap	Openldap	2.2.17	All	All	All
Application	Openldap	Openldap	2.2.18	All	All	All
Application	Openldap	Openldap	2.2.19	All	All	All
Application	Openldap	Openldap	2.2.20	All	All	All
Application	Openldap	Openldap	2.2.21	All	All	All
Application	Openldap	Openldap	2.2.22	All	All	All
Application	Openldap	Openldap	2.2.23	All	All	All
Application	Openldap	Openldap	2.2.24	All	All	All
Application	Openldap	Openldap	2.2.25	All	All	All
Application	Openldap	Openldap	2.2.26	All	All	All
Application	Openldap	Openldap	2.2.27	All	All	All
Application	Openldap	Openldap	2.2.4	All	All	All
Application	Openldap	Openldap	2.2.5	All	All	All
Application	Openldap	Openldap	2.2.6	All	All	All
Application	Openldap	Openldap	2.2.7	All	All	All
Application	Openldap	Openldap	2.2.8	All	All	All
Application	Openldap	Openldap	2.2.9	All	All	All
Application	Openldap	Openldap	2.3.10	All	All	All
Application	Openldap	Openldap	2.3.11	All	All	All
Application	Openldap	Openldap	2.3.12	All	All	All
Application	Openldap	Openldap	2.3.13	All	All	All
Application	Openldap	Openldap	2.3.14	All	All	All
Application	Openldap	Openldap	2.3.15	All	All	All
Application	Openldap	Openldap	2.3.16	All	All	All
Application	Openldap	Openldap	2.3.17	All	All	All
Application	Openldap	Openldap	2.3.18	All	All	All
Application	Openldap	Openldap	2.3.19	All	All	All

Application	Openldap	Openldap	2.3.20	All	All	All
Application	Openldap	Openldap	2.3.21	All	All	All
Application	Openldap	Openldap	2.3.22	All	All	All
Application	Openldap	Openldap	2.3.23	All	All	All
Application	Openldap	Openldap	2.3.24	All	All	All
Application	Openldap	Openldap	2.3.25	All	All	All
Application	Openldap	Openldap	2.3.26	All	All	All
Application	Openldap	Openldap	2.3.27	All	All	All
Application	Openldap	Openldap	2.3.28	All	All	All
Application	Openldap	Openldap	2.3.29	All	All	All
Application	Openldap	Openldap	2.3.30	All	All	All
Application	Openldap	Openldap	2.3.31	All	All	All
Application	Openldap	Openldap	2.3.32	All	All	All
Application	Openldap	Openldap	2.3.33	All	All	All
Application	Openldap	Openldap	2.3.34	All	All	All
Application	Openldap	Openldap	2.3.35	All	All	All
Application	Openldap	Openldap	2.3.36	All	All	All
Application	Openldap	Openldap	2.3.37	All	All	All
Application	Openldap	Openldap	2.3.38	All	All	All
Application	Openldap	Openldap	2.3.39	All	All	All
Application	Openldap	Openldap	2.3.4	All	All	All
Application	Openldap	Openldap	2.3.40	All	All	All
Application	Openldap	Openldap	2.3.41	All	All	All
Application	Openldap	Openldap	2.3.42	All	All	All
Application	Openldap	Openldap	2.3.43	All	All	All
Application	Openldap	Openldap	2.3.5	All	All	All
Application	Openldap	Openldap	2.3.6	All	All	All
Application	Openldap	Openldap	2.3.7	All	All	All
Application	Openldap	Openldap	2.3.8	All	All	All
Application	Openldap	Openldap	2.3.9	All	All	All
Application	Openldap	Openldap	2.4.10	All	All	All
Application	Openldap	Openldap	2.4.11	All	All	All
Application	Openldap	Openldap	2.4.12	All	All	All
Application	Openldap	Openldap	2.4.13	All	All	All
Application	Openldap	Openldap	2.4.14	All	All	All

Application	Openldap	Openldap	2.4.15	All	All	All
Application	Openldap	Openldap	2.4.16	All	All	All
Application	Openldap	Openldap	2.4.17	All	All	All
Application	Openldap	Openldap	2.4.18	All	All	All
Application	Openldap	Openldap	2.4.19	All	All	All
Application	Openldap	Openldap	2.4.20	All	All	All
Application	Openldap	Openldap	2.4.21	All	All	All
Application	Openldap	Openldap	2.4.22	All	All	All
Application	Openldap	Openldap	2.4.23	All	All	All
Application	Openldap	Openldap	2.4.24	All	All	All
Application	Openldap	Openldap	2.4.25	All	All	All
Application	Openldap	Openldap	2.4.3	All	All	All
Application	Openldap	Openldap	2.4.6	All	All	All
Application	Openldap	Openldap	2.4.7	All	All	All
Application	Openldap	Openldap	2.4.8	All	All	All
Application	Openldap	Openldap	2.4.9	All	All	All
Application	Openldap	Openldap	1.0	All	All	All
Application	Openldap	Openldap	1.0.1	All	All	All
Application	Openldap	Openldap	1.0.2	All	All	All
Application	Openldap	Openldap	1.0.3	All	All	All
Application	Openldap	Openldap	1.1	All	All	All
Application	Openldap	Openldap	1.1.0	All	All	All
Application	Openldap	Openldap	1.1.1	All	All	All
Application	Openldap	Openldap	1.1.2	All	All	All
Application	Openldap	Openldap	1.1.3	All	All	All
Application	Openldap	Openldap	1.1.4	All	All	All
Application	Openldap	Openldap	1.2	All	All	All
Application	Openldap	Openldap	1.2.0	All	All	All
Application	Openldap	Openldap	1.2.1	All	All	All
Application	Openldap	Openldap	1.2.10	All	All	All
Application	Openldap	Openldap	1.2.11	All	All	All
Application	Openldap	Openldap	1.2.12	All	All	All
Application	Openldap	Openldap	1.2.13	All	All	All
Application	Openldap	Openldap	1.2.2	All	All	All
Application	Openldap	Openldap	1.2.3	All	All	All
Application	Openldap	Openldap	1.2.4	All	All	All

Application	Openldap	Openldap	1.2.4	All	All	All
Application	Openldap	Openldap	1.2.5	All	All	All
Application	Openldap	Openldap	1.2.6	All	All	All
Application	Openldap	Openldap	1.2.7	All	All	All
Application	Openldap	Openldap	1.2.8	All	All	All
Application	Openldap	Openldap	1.2.9	All	All	All
Application	Openldap	Openldap	2.0	All	All	All
Application	Openldap	Openldap	2.0.0	All	All	All
Application	Openldap	Openldap	2.0.1	All	All	All
Application	Openldap	Openldap	2.0.10	All	All	All
Application	Openldap	Openldap	2.0.11	All	All	All
Application	Openldap	Openldap	2.0.11_11	All	All	All
Application	Openldap	Openldap	2.0.11_11s	All	All	All
Application	Openldap	Openldap	2.0.11_9	All	All	All
Application	Openldap	Openldap	2.0.12	All	All	All
Application	Openldap	Openldap	2.0.13	All	All	All
Application	Openldap	Openldap	2.0.14	All	All	All
Application	Openldap	Openldap	2.0.15	All	All	All
Application	Openldap	Openldap	2.0.16	All	All	All
Application	Openldap	Openldap	2.0.17	All	All	All
Application	Openldap	Openldap	2.0.18	All	All	All
Application	Openldap	Openldap	2.0.19	All	All	All
Application	Openldap	Openldap	2.0.2	All	All	All
Application	Openldap	Openldap	2.0.20	All	All	All
Application	Openldap	Openldap	2.0.21	All	All	All
Application	Openldap	Openldap	2.0.22	All	All	All
Application	Openldap	Openldap	2.0.23	All	All	All
Application	Openldap	Openldap	2.0.24	All	All	All
Application	Openldap	Openldap	2.0.25	All	All	All
Application	Openldap	Openldap	2.0.26	All	All	All
Application	Openldap	Openldap	2.0.27	All	All	All
Application	Openldap	Openldap	2.0.3	All	All	All
Application	Openldap	Openldap	2.0.4	All	All	All
Application	Openldap	Openldap	2.0.5	All	All	All
Application	Openldap	Openldap	2.0.6	All	All	All
Application	Openldap	Openldap	2.0.7	All	All	All

Application	Openldap	Openldap	2.0.8	All	All	All
Application	Openldap	Openldap	2.0.9	All	All	All
Application	Openldap	Openldap	2.1.10	All	All	All
Application	Openldap	Openldap	2.1.11	All	All	All
Application	Openldap	Openldap	2.1.12	All	All	All
Application	Openldap	Openldap	2.1.13	All	All	All
Application	Openldap	Openldap	2.1.14	All	All	All
Application	Openldap	Openldap	2.1.15	All	All	All
Application	Openldap	Openldap	2.1.16	All	All	All
Application	Openldap	Openldap	2.1.17	All	All	All
Application	Openldap	Openldap	2.1.18	All	All	All
Application	Openldap	Openldap	2.1.19	All	All	All
Application	Openldap	Openldap	2.1.2	All	All	All
Application	Openldap	Openldap	2.1.20	All	All	All
Application	Openldap	Openldap	2.1.21	All	All	All
Application	Openldap	Openldap	2.1.22	All	All	All
Application	Openldap	Openldap	2.1.23	All	All	All
Application	Openldap	Openldap	2.1.24	All	All	All
Application	Openldap	Openldap	2.1.25	All	All	All
Application	Openldap	Openldap	2.1.26	All	All	All
Application	Openldap	Openldap	2.1.27	All	All	All
Application	Openldap	Openldap	2.1.28	All	All	All
Application	Openldap	Openldap	2.1.29	All	All	All
Application	Openldap	Openldap	2.1.3	All	All	All
Application	Openldap	Openldap	2.1.30	All	All	All
Application	Openldap	Openldap	2.1.4	All	All	All
Application	Openldap	Openldap	2.1.5	All	All	All
Application	Openldap	Openldap	2.1.6	All	All	All
Application	Openldap	Openldap	2.1.7	All	All	All
Application	Openldap	Openldap	2.1.8	All	All	All
Application	Openldap	Openldap	2.1.9	All	All	All
Application	Openldap	Openldap	2.1_20	All	All	All
Application	Openldap	Openldap	2.2.0	All	All	All
Application	Openldap	Openldap	2.2.1	All	All	All
Application	Openldap	Openldap	2.2.10	All	All	All

Application	Openldap	Openldap	2.2.11	All	All	All
Application	Openldap	Openldap	2.2.12	All	All	All
Application	Openldap	Openldap	2.2.13	All	All	All
Application	Openldap	Openldap	2.2.14	All	All	All
Application	Openldap	Openldap	2.2.15	All	All	All
Application	Openldap	Openldap	2.2.16	All	All	All
Application	Openldap	Openldap	2.2.17	All	All	All
Application	Openldap	Openldap	2.2.18	All	All	All
Application	Openldap	Openldap	2.2.19	All	All	All
Application	Openldap	Openldap	2.2.20	All	All	All
Application	Openldap	Openldap	2.2.21	All	All	All
Application	Openldap	Openldap	2.2.22	All	All	All
Application	Openldap	Openldap	2.2.23	All	All	All
Application	Openldap	Openldap	2.2.24	All	All	All
Application	Openldap	Openldap	2.2.25	All	All	All
Application	Openldap	Openldap	2.2.26	All	All	All
Application	Openldap	Openldap	2.2.27	All	All	All
Application	Openldap	Openldap	2.2.4	All	All	All
Application	Openldap	Openldap	2.2.5	All	All	All
Application	Openldap	Openldap	2.2.6	All	All	All
Application	Openldap	Openldap	2.2.7	All	All	All
Application	Openldap	Openldap	2.2.8	All	All	All
Application	Openldap	Openldap	2.2.9	All	All	All
Application	Openldap	Openldap	2.3.10	All	All	All
Application	Openldap	Openldap	2.3.11	All	All	All
Application	Openldap	Openldap	2.3.12	All	All	All
Application	Openldap	Openldap	2.3.13	All	All	All
Application	Openldap	Openldap	2.3.14	All	All	All
Application	Openldap	Openldap	2.3.15	All	All	All
Application	Openldap	Openldap	2.3.16	All	All	All
Application	Openldap	Openldap	2.3.17	All	All	All
Application	Openldap	Openldap	2.3.18	All	All	All
Application	Openldap	Openldap	2.3.19	All	All	All
Application	Openldap	Openldap	2.3.20	All	All	All
Application	Openldap	Openldap	2.3.21	All	All	All
Application	Openldap	Openldap	2.3.22	All	All	All

Application	Openldap	Openldap	2.3.22	All	All	All
Application	Openldap	Openldap	2.3.23	All	All	All
Application	Openldap	Openldap	2.3.24	All	All	All
Application	Openldap	Openldap	2.3.25	All	All	All
Application	Openldap	Openldap	2.3.26	All	All	All
Application	Openldap	Openldap	2.3.27	All	All	All
Application	Openldap	Openldap	2.3.28	All	All	All
Application	Openldap	Openldap	2.3.29	All	All	All
Application	Openldap	Openldap	2.3.30	All	All	All
Application	Openldap	Openldap	2.3.31	All	All	All
Application	Openldap	Openldap	2.3.32	All	All	All
Application	Openldap	Openldap	2.3.33	All	All	All
Application	Openldap	Openldap	2.3.34	All	All	All
Application	Openldap	Openldap	2.3.35	All	All	All
Application	Openldap	Openldap	2.3.36	All	All	All
Application	Openldap	Openldap	2.3.37	All	All	All
Application	Openldap	Openldap	2.3.38	All	All	All
Application	Openldap	Openldap	2.3.39	All	All	All
Application	Openldap	Openldap	2.3.4	All	All	All
Application	Openldap	Openldap	2.3.40	All	All	All
Application	Openldap	Openldap	2.3.41	All	All	All
Application	Openldap	Openldap	2.3.42	All	All	All
Application	Openldap	Openldap	2.3.43	All	All	All
Application	Openldap	Openldap	2.3.5	All	All	All
Application	Openldap	Openldap	2.3.6	All	All	All
Application	Openldap	Openldap	2.3.7	All	All	All
Application	Openldap	Openldap	2.3.8	All	All	All
Application	Openldap	Openldap	2.3.9	All	All	All
Application	Openldap	Openldap	2.4.10	All	All	All
Application	Openldap	Openldap	2.4.11	All	All	All
Application	Openldap	Openldap	2.4.12	All	All	All
Application	Openldap	Openldap	2.4.13	All	All	All
Application	Openldap	Openldap	2.4.14	All	All	All
Application	Openldap	Openldap	2.4.15	All	All	All
Application	Openldap	Openldap	2.4.16	All	All	All
Application	Openldap	Openldap	2.4.17	All	All	All

Application	Openldap	Openldap	2.4.18	All	All	All
Application	Openldap	Openldap	2.4.19	All	All	All
Application	Openldap	Openldap	2.4.20	All	All	All
Application	Openldap	Openldap	2.4.21	All	All	All
Application	Openldap	Openldap	2.4.22	All	All	All
Application	Openldap	Openldap	2.4.23	All	All	All
Application	Openldap	Openldap	2.4.24	All	All	All
Application	Openldap	Openldap	2.4.25	All	All	All
Application	Openldap	Openldap	2.4.3	All	All	All
Application	Openldap	Openldap	2.4.6	All	All	All
Application	Openldap	Openldap	2.4.7	All	All	All
Application	Openldap	Openldap	2.4.8	All	All	All
Application	Openldap	Openldap	2.4.9	All	All	All
Application	Openldap	Openldap	All	All	All	All

References						
Reference						Source
OpenLDAP ITS - Software Bugs/7059						MISC
OpenLDAP 'UTF8StringNormalize()' Remote Buffer Overflow Vulnerability						BID
OpenLDAP ITS - Software Bugs/7059						MISC
749324 – (CVE-2011-4079) CVE-2011-4079 openldap: one-byte buffer overflow in slapd						MISC
Projects · Explore · GitLab						MISC
oss-security - CVE Request: openldap2 UTF8StringNormalize() can cause a (one-byte) buffer overflow						MLIST
Projects · Explore · GitLab						MISC
Security Advisory SA46599 - OpenLDAP "UTF8StringNormalize()" Off-by-One Denial of Service Vulnerability - Secunia						SECUN
oss-security - Re: CVE Request: openldap2 UTF8StringNormalize() can cause a (one-byte) buffer overflow						MLIST
Gentoo Linux Documentation -- OpenLDAP: Multiple vulnerabilities						GENTO
IBM X-Force Exchange						XF
USN-1266-1: OpenLDAP vulnerability Ubuntu						UBUNT
CVE Program record						CVE.OF
NVD vulnerability detail						NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [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](#).

Free CVE JSON API [cve.report/api](#)

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