



CVE-2017-11501

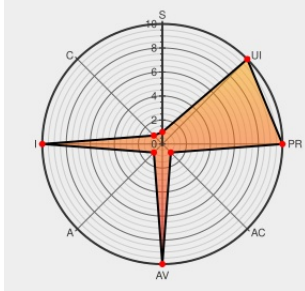
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CVE-2017-11501

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N



Certain versions of [Nixos](#) from [Nixos Project](#) contain the following vulnerability:

NixOS 17.03 and earlier has an unintended default absence of SSL Certificate Validation for LDAP. The users.ldap NixOS module implements user authentication against LDAP servers via a PAM module. It was found that if TLS is enabled to connect to the LDAP server with users.ldap.useTLS, peer verification will be unconditionally disabled in /etc/ldap.conf.

CVE-2017-11501 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.9 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	HIGH	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Google Groups	Mitigation Third Party Advisory	CONFIRM groups.google.com/forum/#!topic/nix-security-announce/qrDU0KH_ZRk

[groups.google.com](https://groups.google.com/text/html)
[text/html](#)

oss-security - NIX-2017-0003: LDAP with useTLS option disabled TLS peer verification

[Mailing List](#)
[Mitigation](#)
[Patch](#)
[Third Party Advisory](#)
[openwall.com](#)
[text/html](#)

 [CONFIRM openwall.com/lists/oss-security/2017/07/20/1](https://openwall.com/lists/oss-security/2017/07/20/1)

Enabling TLS via `users.ldap` disables peer checking · Issue #27506 · NixOS/nixpkgs · GitHub

[Issue Tracking](#)
[Third Party Advisory](#)
[github.com](#)
[text/html](#)

 [CONFIRM github.com/NixOS/nixpkgs/issues/27506](https://github.com/NixOS/nixpkgs/issues/27506)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Nixos Project	Nixos	All	All	All	All
cpe:2.3:o:nixos_project:nixos:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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