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WendzelNNTPd is a tiny but easy to use Usenet server (NNTP server) for Linux, \*nix and BSD. The server is written in C. For security reasons, it is compiled with stack smashing protection by default, if your compiler supports that feature.

## Features

### License

WendzelNNTPd uses the GPLv3 license.

### Database Abstraction Layer

The server contains a database abstraction layer. Currently supported database systems are SQLite3 and MySQL (and experimental PostgreSQL support). New databases can be easily added.

### Security

WendzelNNTPd contains different security features, the most important features are probably Access Control Lists (ACLs) and the Role Based Access Control (RBAC) system. ACL and RBAC are described in a own chapter. WendzelNNTPd was probably the first Usenet server with support for RBAC.

Another feature that was introduced by WendzelNNTPd (and later adopted by other servers) are so-called "invisible newsgroups": If access control is activated, a user without permission to access the newsgroup will not be able to see the existence of the newsgroup. In case the user knows about the existence of the newsgroup nevertheless, he will not be able to post to or read from the newsgroup.

However, **please note** that the salting for password hashing is using SHA-256, but with a global user-definable salt that is concatenated with the username and password, rendering it less secure than using unique random hashes per password. % WenzelNNTPd does support TLS v1.0 to v1.3 including STARTTLS!

## Contribute

a

## History

b

This chapter provides a guide on how to install WendzeINNTPd 2.x.

## Linux/\*nix/BSD

To install WendzeINNTPd from source you need to download the provided archive file (e.g., `wendzeinnnpd-2.0.0.tar.gz`) file.<sup>1</sup> Extract it and run **./configure**. Please note that configure indicates missing libraries and packages that you may first need to install using the package system of your operating system.

```
$ tar -xzf wendzeinnnpd-2.0.0.tgz
$ cd wendzeinnnpd
$ ./configure
...
```

Please refer to Section [Test](#)

```
<connector>
;; enables STARTTLS for this port
;enable-starttls
port      119
listen    127.0.0.1
;; configure SSL server certificate (required)
;tls-server-certificate "/usr/local/etc/ssl/server.crt"
;; configure SSL private key (required)
;tls-server-key "/usr/local/etc/ssl/server.key"
;; configure SSL CA certificate (required)
;tls-ca-certificate "/usr/local/etc/ssl/ca.crt"
;; configure TLS ciphers for TLSv1.3
;tls-cipher-suites "TLS_AES_128_GCM_SHA256"
;; configure TLS ciphers for TLSv1.1 and TLSv1.2
;tls-ciphers "ALL:!COMPLEMENTOFDEFAULT:!eNULL"
;; configure allowed TLS version (1.0-1.3)
;tls-version "1.2-1.3"
;; possibility to force the client to authenticate
;;with client certificate (none | optional | require)
;tls-verify-client "required"
;; define depth for checking client certificate
;tls-verify-client-depth 0
;; possibility to use certificate revocation list (none | leaf | chain)
;tls-crl "none"
;tls-crl-file "/usr/local/etc/ssl/ssl.crl"
</connector>
```

1. On some *nix-like* operating systems you need to first run `gzip -d wendzelhntpd-VERSION.tgz` and then `tar -xf wendzelhntpd-VERSION.tar` instead of letting `tar*` do the whole job. [←](#)