

NAME

ldapwhoami - LDAP who am i? tool

SYNOPSIS

ldapwhoami [-V[V]] [-d *debuglevel*] [-n] [-v] [-x] [-D *binddn*] [-W] [-w *passwd*] [-y *passwdfile*]
[-H *ldapuri*] [-e [!]*ext*[=*extparam*]] [-E [!]*ext*[=*extparam*]] [-o *opt*[=*optparam*]] [-O *security-properties*]
[-I] [-Q] [-N] [-U *authcid*] [-R *realm*] [-X *authzid*] [-Y *mech*] [-Z[Z]]

DESCRIPTION

ldapwhoami implements the LDAP "Who Am I?" extended operation.

ldapwhoami opens a connection to an LDAP server, binds, and performs a whoami operation.

OPTIONS**-V[V]**

Print version info. If **-VV** is given, only the version information is printed.

-d *debuglevel*

Set the LDAP debugging level to *debuglevel*. **ldapwhoami** must be compiled with LDAP_DEBUG defined for this option to have any effect.

-n Show what would be done, but don't actually perform the whoami operation. Useful for debugging in conjunction with **-v**.

-v Run in verbose mode, with many diagnostics written to standard output.

-x Use simple authentication instead of SASL.

-D *binddn*

Use the Distinguished Name *binddn* to bind to the LDAP directory. For SASL binds, the server is expected to ignore this value.

-W Prompt for simple authentication. This is used instead of specifying the password on the command line.

-w *passwd*

Use *passwd* as the password for simple authentication.

-y *passwdfile*

Use complete contents of *passwdfile* as the password for simple authentication.

-H *ldapuri*

Specify URI(s) referring to the ldap server(s); only the protocol/host/port fields are allowed; a list of URI, separated by whitespace or commas is expected.

-e *[!]ext[=extparam]***-E** *[!]ext[=extparam]*

Specify general extensions with **-e** and whoami extensions with **-E**. **'!'** indicates criticality.

General extensions:

[!]assert=<filter> (an RFC 4515 Filter)
 !authzid=<authzid> ("dn:<dn>" or "u:<user>")
 [!]bauthzid (RFC 3829 authzid control)
 [!]chaining[=<resolve>[/<cont>]]
 [!]manageDSAit
 [!]noop
 ppolicy
 [!]postread[=<attrs>] (a comma-separated attribute list)
 [!]preread[=<attrs>] (a comma-separated attribute list)
 [!]relax
 sessiontracking[=<username>]
 abandon, cancel, ignore (SIGINT sends abandon/cancel,
 or ignores response; if critical, doesn't wait for SIGINT.
 not really controls)

WhoAmI extensions:

(none)

-o *opt[=optparam]*

Specify any **ldap.conf(5)** option or one of the following:

nettimeout=<timeout> (in seconds, or "none" or "max")
 ldif_wrap=<width> (in columns, or "no" for no wrapping)

-o option that can be passed here, check **ldap.conf(5)** for details.

-O *security-properties*

Specify SASL security properties.

- I** Enable SASL Interactive mode. Always prompt. Default is to prompt only as needed.
- Q** Enable SASL Quiet mode. Never prompt.
- N** Do not use reverse DNS to canonicalize SASL host name.
- U *authcid***
Specify the authentication ID for SASL bind. The form of the ID depends on the actual SASL mechanism used.
- R *realm***
Specify the realm of authentication ID for SASL bind. The form of the realm depends on the actual SASL mechanism used.
- X *authzid***
Specify the requested authorization ID for SASL bind. *authzid* must be one of the following formats: **dn:**<*distinguished name*> or **u:**<*username*>
- Y *mech***
Specify the SASL mechanism to be used for authentication. If it's not specified, the program will choose the best mechanism the server knows.
- Z[Z]**
Issue StartTLS (Transport Layer Security) extended operation. If you use **-ZZ**, the command will require the operation to be successful.

EXAMPLE

```
ldapwhoami -x -D "cn=Manager,dc=example,dc=com" -W
```

SEE ALSO

ldap.conf(5), **ldap(3)**, **ldap_extended_operation(3)**

AUTHOR

The OpenLDAP Project <<http://www.openldap.org/>>

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