Rocky Enterprise Linux 9.2 Manual Pages on command 'ldapmodify.1'

$ man ldapmodify.1

LDAPMODIFY(1)   General Commands Manual   LDAPMODIFY(1)

NAME

   ldapmodify, ldapadd - LDAP modify entry and LDAP add entry tools

SYNOPSIS

   ldapmodify [-V[V]] [-d debuglevel] [-n] [-v] [-a] [-c] [-f file] [-S file] [-M[M]] [-x]

   [-D binddn]   [-W]   [-w passwd]   [-y passwdfile]   [-H ldapuri]   [-P {2|3}]

   [-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]]

   ldapadd [-V[V]] [-d debuglevel] [-n] [-v] [-c] [-f file] [-S file]   [-M[M]]   [-x]

   [-D binddn]   [-W]   [-w passwd]   [-y passwdfile]   [-H ldapuri]   [-P {2|3}]

   [-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

   ldapmodify is a shell-accessible interface to the ldap_add_ext(3), ldap_modify_ext(3),

   ldap_delete_ext(3) and ldap_rename(3). library calls. ldapadd is implemented as a hard

   link to the ldapmodify tool.   When invoked as ldapadd the -a (add new entry) flag is

   turned on automatically.

   ldapmodify opens a connection to an LDAP server, binds, and modifies or adds entries. The

   entry information is read from standard input or from file through the use of the -f op?

   tion.

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.   ldapmodify must be compiled with

LDAP_DEBUG defined for this option to have any effect.

-n   Show what would be done, but don't actually modify entries. Useful for debugging

in conjunction with -v.

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

-a   Add new entries. The default for ldapmodify is to modify existing entries. If in?

voked as ldapadd, this flag is always set.

-c   Continuous operation mode. Errors are reported, but ldapmodify will continue with

modifications. The default is to exit after reporting an error.

-f file

Read the entry modification information from file instead of from standard input.

-S file

Add or change records which were skipped due to an error are written to file and

the error message returned by the server is added as a comment. Most useful in con?

junction with -c.

-M[M] Enable manage DSA IT control. -MM makes control critical.

-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.

-P {2|3}

Specify the LDAP protocol version to use.

-e [!]ext[=extparam]

-E [!]ext[=extparam]

Specify general extensions with -e and modify 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)

Modify extensions:

  [!]txn[=abort|commit]

-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 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 ac?

  tual 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.

INPUT FORMAT

    The contents of file (or standard input if no -f flag is given on the command line) must

    conform to the format defined in ldif(5) (LDIF as defined in RFC 2849).

EXAMPLES

    Assuming that the file /tmp/entrymods exists and has the contents:

        dn: cn=Modify Me,dc=example,dc=com

        changetype: modify

        replace: mail

        mail: modme@example.com

        -

        add: title

        title: Grand Poobah

        -

        add: jpegPhoto

        jpegPhoto:< file:///tmp/modme.jpeg

        -

        delete: description

        -

    the command:

        ldapmodify -f /tmp/entrymods

    will replace the contents of the "Modify Me" entry's mail attribute with the value

    "modme@example.com", add a title of "Grand Poobah", and the contents of the file

    "/tmp/modme.jpeg" as a jpegPhoto, and completely remove the description attribute.

    Assuming that the file /tmp/newentry exists and has the contents:

dn: cn=Barbara Jensen,dc=example,dc=com

        objectClass: person

        cn: Barbara Jensen

        cn: Babs Jensen

        sn: Jensen

        title: the world's most famous mythical manager

        mail: bjensen@example.com

        uid: bjensen

    the command:

        ldapadd -f /tmp/newentry

    will add a new entry for Babs Jensen, using the values from the file /tmp/newentry.

    Assuming that the file /tmp/entrymods exists and has the contents:

        dn: cn=Barbara Jensen,dc=example,dc=com

        changetype: delete

    the command:

        ldapmodify -f /tmp/entrymods

    will remove Babs Jensen's entry.

DIAGNOSTICS

    Exit status is zero if no errors occur. Errors result in a non-zero exit status and a di?

    agnostic message being written to standard error.

SEE ALSO

    ldapadd(1),   ldapdelete(1),   ldapmodrdn(1),   ldapsearch(1),   ldap.conf(5),   ldap(3),

    ldap_add_ext(3), ldap_delete_ext(3), ldap_modify_ext(3), ldap_modrdn_ext(3), ldif(5).

AUTHOR

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

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    dap.org/>. OpenLDAP Software is derived from the University of Michigan LDAP 3.3 Release.

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