

egrid-ldap2users

Extract users information from LDAP entries

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NAME

egrid-ldap2users – Extract users information from LDAP entries

SYNOPSIS

egrid-ldap2users {-L|-P|-S|-G} --host HOSTNAME --basedn DN [OPTIONS]

Options:

-P, --passwd

Look for `posixAccount` entries, output content suitable for inclusion in `/etc/passwd`

-S, --shadow

Look for `shadowAccount` entries, output content suitable for inclusion in `/etc/shadow`

-G, --group

Look for `posixGroup` entries, output content suitable for inclusion in `/etc/group`

-L, --ldif

Dump `posixAccount`, `shadowAccount` and `posixGroup` entries in LDIF format

-m, --min MIN

Ignore entries with `uidNumber` less than MIN (default: 1)

-M, --max MAX

Ignore entries with `uidNumber` greater than MAX (default: 65534)

-h, --host

LDAP server hostname or IP address. Deprecated in favor of `--uri`.

-p, --port

LDAP server port (default: 389). Deprecated in favor of `--uri`.

-b, --basedn

base DN for LDAP search. Deprecated in favor of `--uri`.

-H, --uri *URI*

Set host, port and base DN simultaneously, using a *URI* of the form
ldap://HOST[:PORT]/BASEDN

May be repeated multiple times; `egrid-ldap2users` will combine results in the output.

-o, --output

Filename to write output to

--safe

Don't write output file if it would be empty

--nosafe

Write output file even if empty

-A, --args-from *FILE*

Read additional command-line arguments from *FILE* as if they were typed on the command-line.

--help

Print help text and exit

-V, --version

Print version number and exit

Outputs to standard output if no `--output` option is given.

LDAP binds are always anonymous.

The 'userPassword' attribute is never checked; even in `--shadow` format, the password will be output as 'x'.

DESCRIPTION

`egrid-ldap2users` dumps user information gathered from an LDAP tree in either LDIF format or one of the traditional UNIX user database formats, that is, `/etc/passwd`, `/etc/shadow` or `/etc/group`.

By selecting an output format, one also implicitly selects a filter on LDAP search queries:

LDIF

queries the LDAP server for entries whose `objectClass` is `posixAccount`, `shadowAccount`, `posixGroup` or `organizationalUnit`;

passwd

queries the LDAP server for entries whose `objectClass` is `posixAccount`, and dumps the relevant data in `/etc/passwd` format.

shadow

queries the LDAP server for entries whose `objectClass` is `posixAccount` *and* `shadowAccount`, and dumps the relevant data in `/etc/shadow` format.

group

queries the LDAP server for entries whose `objectClass` is `posixGroup`, and dumps the relevant data in `/etc/group` format.

If the `--min` or `--max` options are used, only entries whose `uidNumber` (for `posixAccount` class) or `gidNumber` (for `posixGroup` class) falls within the specified range are printed.

BUGS

No support for LDAP over SSL.

There should be a way to specify more complex filters, not just minimum UID and maximum UID.

The `--verbose` option does not yet report very much information.

DOWNLOAD

You can download RPM packages of the EGRID SE Tools from <http://www.egrid.it/download/rpm/RPMS.egrid>; Debian packages from <http://www.egrid.it/download/deb/egrid>.

You can browse the source code for this software from the EGRID CVS at <http://www.egrid.it/cvs/middleware/se/>

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