

edg-voms-proxy-init

Name

`edg-voms-proxy-init` — create a proxy with VOMS extensions

Synopsis

`edg-voms-proxy-init` [options]

Description

The `edg-voms-proxy-init` generates a proxy with the VOMS information included in a non critical extension.

Options

Options may be specified indifferently with either a "-" or "--" prefix. The options from `-help` to `-out` are present for compatibility with `grid-proxy-init`, and have the exact same meaning. The meaning of the other ones is the following.

- `-help` Displays usage
- `-version` Displays version
- `-debug` Enables extra debug output
- `-q` Quiet mode, minimal output
- `-verify` Verifies certificate to make proxy for
- `-pwstdin` Allows passphrase from stdin
- `-limited` Creates a limited proxy
- `-hours H` Proxy is valid for *H* hours (default:12)
- `-vomslife H` Tries to get a pseudo cert with information valid for *H* hours. The default is "as long as the proxy certificate". The special value 0 means as long as the server will allow.
- `-bits B` Number of bits in key {512 | 1024 | 2048 | 4096}
- `-cert certfile` Non-standard location of user certificate
- `-key keyfile` Non-standard location of user key
- `-certdir certdir` Location of trusted certificates dir
- `-out proxyfile` Location of new proxy cert
- `-voms voms[:command]` Specifies the VOMS server to contact using the nickname *voms*. It also allows to send a specific command to the server. The default command is *:all*, and it gets all group membership information. Other commands are *:/Role=rolename* which grants the *rolename* VO-wide role if the server allows it, and *:/group/Role=rolename* which grants the role *rolename* only in the group */group*, again only if the server allows it.
- `-order group[:role]` Specifies the order in which the attributes returned by the server should be ordered. The default ordering is unspecified.
- `-include file` Includes *file* in the certificate (in a non critical extension)
- `-conf file` Read options from *file*.

`-confile file` specifies the name of a configuration file from which a list of nicknames is read. The format of the file is the following: *nick host port subject vo* Where *nick* is the nickname, *host* and *port* are the hostname and port of the server to contact, *subject* is the subject of the server's certificate, while *vo* is the name of the VO that owns the server. The default filename is `/etc/vomses`. It is important that the file referenced is an actual file and not a link. Moreover, it must be owned by `root.root`, and its permissions must be `644`.

Also, it is possible to specify a directory, that will be entered and scanned. In this case, its permissions must be `755`

`-userconf file` Location of user-defined list of VOMS servers address.

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`-policy` The file containing the policy expression.

`-policy-language pl` The language in which the policy is expressed. Default is `IMPERSONATION_PROXY`.

`-path-length` Maximum depth of proxy certificate that can be signed from this.

`-globus version` Underlying Globus version.

`-proxyver` Version of the proxy certificate to create. May be 2 or 3. Default value is decided upon underlying globus version.

`-noregen` Avoid regenerating the initial proxy.

`-separate file` Saves the voms credential on file *file*.

`-ignorewarn` Ignore all warnings. They are not shown to the user.

`-failonwarn` Warnings become failures. The program will translates all warnings into errors and will react accordingly, by returning a failure itself.

Bugs

EU DataGrid Bug Tracking¹

See also

`edg-voms-proxy-init(1)`

EDT Auth Home page²

CVSweb³

RPM repository⁴

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Notes

1. <http://marianne.in2p3.fr/datagrid/bugzilla/buglist.cgi?product=Security;component=VOMS>
2. <http://grid-auth.infn.it>
3. <http://datagrid.in2p3.fr/cgi-bin/cvsweb.cgi/Auth/voms>
4. <http://datagrid.in2p3.fr/distribution/autobuild/i386-rh7.3>
5. <http://www.edg.org/license.html>