GstarCAD server license OPT configuration file

1192 kbadmin November 23, 2021 Activate / Deactivate 0 7816

The options file allows the license administrator to control various operating parameters of FLEXIm. Specifically the license administrator can:

- Allow the use of features based on user, hostname, or display name.
- Deny the use of features based on user, hostname, or display name.
- Reserve licenses based on user, hostname, or display name.
- Control the amount of information logged about license usage.

Options files allow you, as the license administrator, to be as secure or open with licenses as you like.

Lines in the options file were limited to 200 characters prior to FLEXIm v3.0. In v3.0 and later, the line length is 2048 characters. FLEXIm v4.0 allows the `' character as a continuation character in options file lines.

To create an options file

• Use the appropriate options to create the options file using any text editor. You can put the options file anywhere; however, we recommend that the option file for vendor GstarCAD be placed in

LMTOOLS 11.14 (2019 version or older) C:Program FileGstarCAD NetWork License Managergstarlms.opt

Network License Manager (2020 version or latest) C:Program FilesCommon FilesGstarsoftLicense servicegstarlms.opt

GstarCAD NetWork License e Edit View Fgvorites	Tools	-				
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dress 🛅 C:\Program Files\Gst	arCAD	NetWork License Manager			-	🔁
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File and Folder Tasks	*	getFlexnetNetworkLicInfo_lib	4,696 KB	Application Extension	2/12/2014 5:19 PM	
💋 Make a new folder		🔘 gslmSrv	1,327 KB	Application	10/30/2014 4:45 PM	
		gsimSrv_libFNP.dll	4,696 KB	Application Extension	10/30/2014 4:45 PM	
Publish this folder to the Web		GstarCadSetNet	212 KB	Application	4/1/2012 4:02 PM	
Share this folder		starims 🔁	1,818 KB	Application	6/6/2014 1:22 PM	
Share uns rober		gstarims	1 KB	OPT File	6/14/2016 3:03 PM	
		🔊 gstarims_libFNP.dll	4,696 KB	Application Extension	6/6/2014 1:22 PM	
Other Places	\$	🗈 install	18 KB	Text Document	6/7/2016 2:17 PM	
		installs	97 KB	Application	10/22/2013 1:38 PM	
Program Files		licFile	1 KB	LIC File	10/17/2016 10:45 AM	
My Documents		liclog	149 KB	Text Document	10/22/2016 10:35 AM	
Shared Documents		-Imgrd	1,440 KB	Application	8/23/2013 1:37 PM	
My Computer		📴 Imtools	1,485 KB	Application	8/23/2013 1:34 PM	
3		🛅 imutil	1,255 KB	Application	8/23/2013 1:36 PM	
🧐 My Network Places		ManageLicSvr	10 KB	Application	9/24/2014 1:36 PM	
		Sregcrypt.dll	203 KB	Application Extension	5/27/2013 10:46 AM	
Details	×	S TABCTL32.OCX	205 KB	ActiveX Control	6/27/2013 2:20 PM	
	*	69 uninst	51 KB	Application	6/7/2016 2:16 PM	

2. Add the pathname to the options file in the license file. The fourth field on the DAEMON line for the application's vendor daemon.

For example,

licFile.lic

SERVER this_host ANY 27000 VENDOR gstarlms options=gstarlms.opt

would enable the gstarlms vendor daemon to look at the specified options file.

Ignore if step use default license file at Network License Manager (2020 version or latest)

Rules of Precedence in Options Files

Before you can use options to utilize licenses effectively you must understand the options file precedence. INCLUDE and EXCLUDE statements can be combined in the same options file and control access to the same features. When doing so, keep in mind the following:

- If there is only an EXCLUDE list, everyone who is not on the list will be allowed to use the feature.
- If there is only an INCLUDE list, only those users on the list will be allowed to use the feature.
- If neither list exists, then everyone is allowed to use the feature.
- The EXCLUDE list is checked before the INCLUDE list; so someone who is on both lists will not be allowed to use the feature.

Once you create an INCLUDE or EXCLUDE list everyone else is implicitly `outside' the group. This feature allows you, as an administrator, the ability to control licenses without having to explicitly list each user that you wish to allow or deny access to. In other words there are two approaches; you can either:

- Give most users access and list only the exceptions or
- Severely limit access and list only the those users that have access privileges.

GROUP groupname usernamelist Defines a group of users for use in INCLUDE, INCLUDEALL, EXCLUDE, EXCLUDEALL, and RESERVE option lines.

groupname - name of the group being defined usernamelist - list of user names in that group

To define the group ENGINEERING consisting of A1, A2, A3 and A4, and the group SALES consisting of B1, B2 and B3 (*Where A<u>n</u> and B<u>n</u> is user name)*

GROUP ENGINEERING A1 A2 A3 A4 A5 GROUP SALES B1 B2 B3

In FLEXIm v3.0 multiple GROUP lines will add all the users specified into the group. Pre-v3.0 FLEXIm daemons do not allow multiple GROUP lines to concatenate. In fact, the second GROUP line would redefine the GROUP.

In FLEXIm v4.0 or later, USER_GROUP is an alias for GROUP..

HOST_GROUP groupname hostnamelist

Defines a group of hosts for use in INCLUDE, INCLUDEALL, EXCLUDE, EXCLUDEALL, and

RESERVE option lines.

- groupname name of the group being defined
- hostnamelist list of host names in that group

To define the group TECHNICAL consisting of tech1, tech2, and tech3: (*where tech<u>n</u> is host or PC name*)

GROUP TECHNICAL tech1 tech2 tech3

HOST_GROUP is available for FLEXIm v4.0 and later.

INCLUDE *featurename type name*

Includes a user, host, display, or group in the list of who is allowed to use the feature. Anyone not in an INCLUDE statement will not be allowed to use that feature.

- featurename name of the feature being affected
- type one of USER, HOST, DISPLAY, GROUP, or HOST_GROUP
- name name of the user or group to include

To include user `A1' in the list of users able to use feature GSCAD2_2011, where GSCAD2_2011 is GstarCAD Standard and GSCAD1_2011 is GstarCAD Professional:

INCLUDE GSCAD2_2011 USER A1

INCLUDE GSCAD2_2011 HOST tech1

INCLUDE GSCAD2_2011 GROUP SALES

INCLUDE GSCAD2_2011 HOST_GROUP TECHNICAL

where:

- GSCAD2_2011 is the GstarCAD Professional
- GSCAD1_2011 is the GstarCAD Standard
- GSCAD5_2011 is the GstarCAD LT
- GSCAD10_2011 is the GstarCAD Education

and _2011 are all available released, NOT definite as GstarCAD2011

Simple Options File Example

Limiting Access for Multiple Users by Group

GROUP ENGINEERING A1 A2 A3 A4 A5 GROUP SALES B1 B2 B3

INCLUDE GSCAD1_2011 GROUP ENGINEERING INCLUDE GSCAD1_2011_ENG GROUP **ENGINEERING**

INCLUDE GSCAD2_2011 GROUP SALES INCLUDE GSCAD2_2011_ENG GROUP SALES

Limiting Access for Multiple Users by ip address

INCLUDE GSCAD1_2011 INTERNET 192.168.0.98 INCLUDE GSCAD1_2011_ENG INTERNET 192.168.0.98

INCLUDE GSCAD2_2011 INTERNET 192.168.0.92 INCLUDE GSCAD2_2011_ENG INTERNET 192.168.0.92

Prevents any user logged into a host with an IP address in the range 192.168.11.0 through 192.168.11.255 from using the feature "GSCAD1_2011."

EXCLUDE GSCAD1_2011 INTERNET 192.168.11.*

Limiting Access for Multiple Users by IP address with version control

192.168.0.98 allow to use GstarCAD 2015 PRO and blocked to use 2016 version

EXCLUDE GSCAD1_2011:VERSION=2016 INTERNET 192.168.0.98 EXCLUDE GSCAD1_2011_ENG:VERSION=2016 INTERNET 192.168.0.98

INCLUDE GSCAD1_2011:VERSION=2015 INTERNET 192.168.0.98 INCLUDE GSCAD1_2011_ENG:VERSION=2015 INTERNET 192.168.0.98

EXCLUDE GSCAD1_2011:VERSION=2015 INTERNET 192.168.0.92 EXCLUDE GSCAD1_2011_ENG:VERSION=2015 INTERNET 192.168.0.92

INCLUDE GSCAD1_2011:VERSION=2016 INTERNET 192.168.0.92 INCLUDE GSCAD1_2011_ENG:VERSION=2016 INTERNET 192.168.0.92

where VERSION=2016 is GstarCAD 2016

Online URL: <u>https://www.kb2.gstarcad.com.my/article.php?id=1192</u>