

Green Hills MULTI IDE 的网络版 License 的激活安装 (Windows)

一、获取安装包

1. 确认微控制器架构

- (1) ARM(AArch32& AArch64)
- (2) PowerArchitecture
- (3) TriCore
- (4) RH850/V850
- (5) Intel(x86& x64)
- (6) RISC-V
- (7) MIPS

2. 确认安装环境:

- (1) Window: Windows 8, 10, 11 (64-bit host distribution only)
- (2) Linux: CentOS 6.x, 7.x; Ubuntu 14.04, 16.04, 18.04, 20 LTS releases (64-bit host distributions only; 32-bit compatibility libraries still required for MULTI, probe, and installation)

3. 请联系亿道电子的技术支持工程师（邮箱：zhikang.luo@emdoor.com）获取对应系统、架构的安装包。

注意：未特别说明，提供的安装包均为最新版本的软件安装包。如需非最新版本的安装包，请和对接的技术支持工程师沟通获取对应版本的安装包。

二、安装软件

1. 双击下载好的.ISO文件，进入到安装包文件夹目录中。
2. 进入到安装目录后，双击执行ginstall.exe（如图2-2）



图2-2

3. 进入安装程序，可以选择Advanced Install安装方式。（如图2-3）

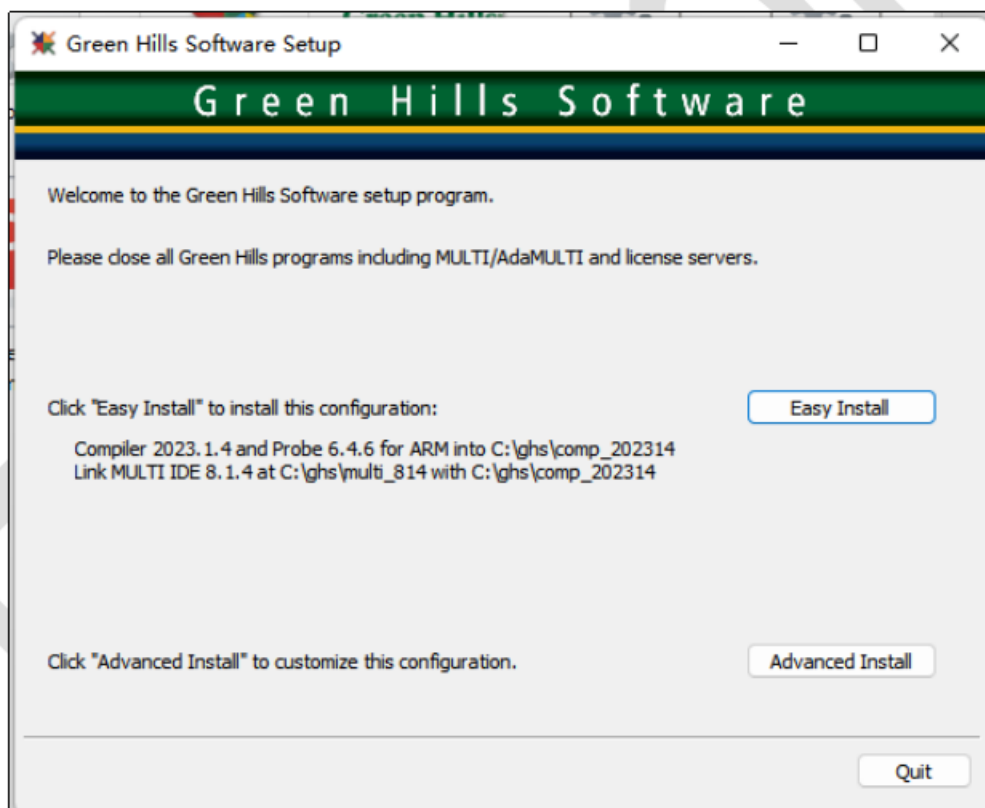


图2-3

4. 然后，勾选Licensing，然后Next。（如图2-4）

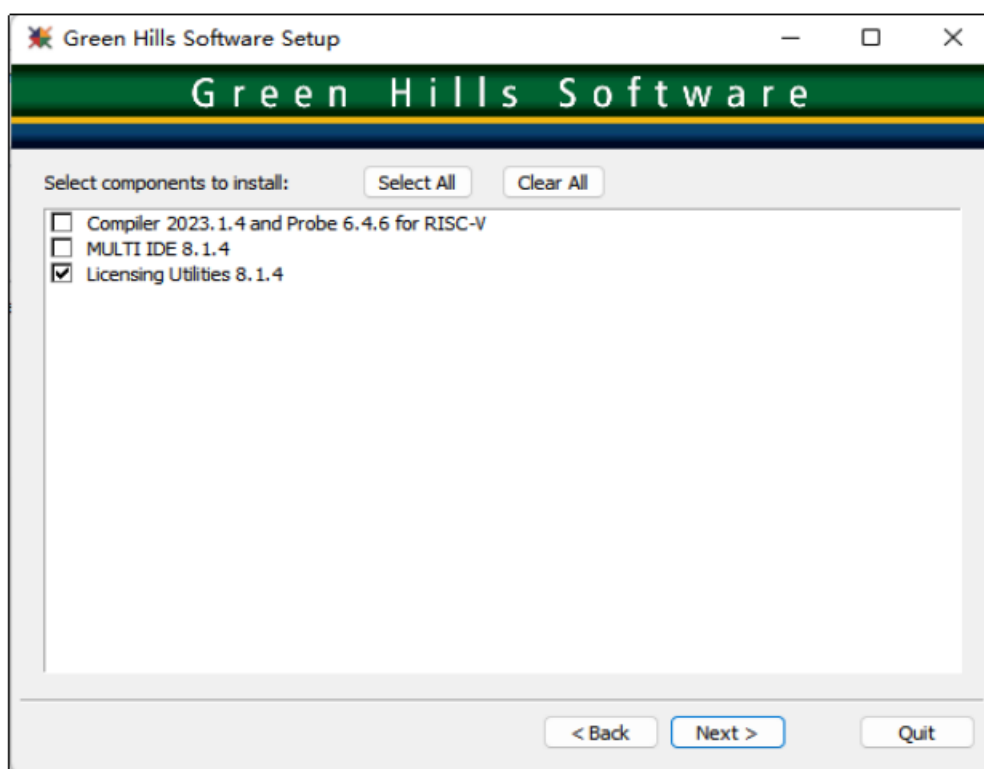


图2-4

5. 然后，可以自定义文件夹名字，不建议更改第三级文件夹的名字（例如licensing_814）。

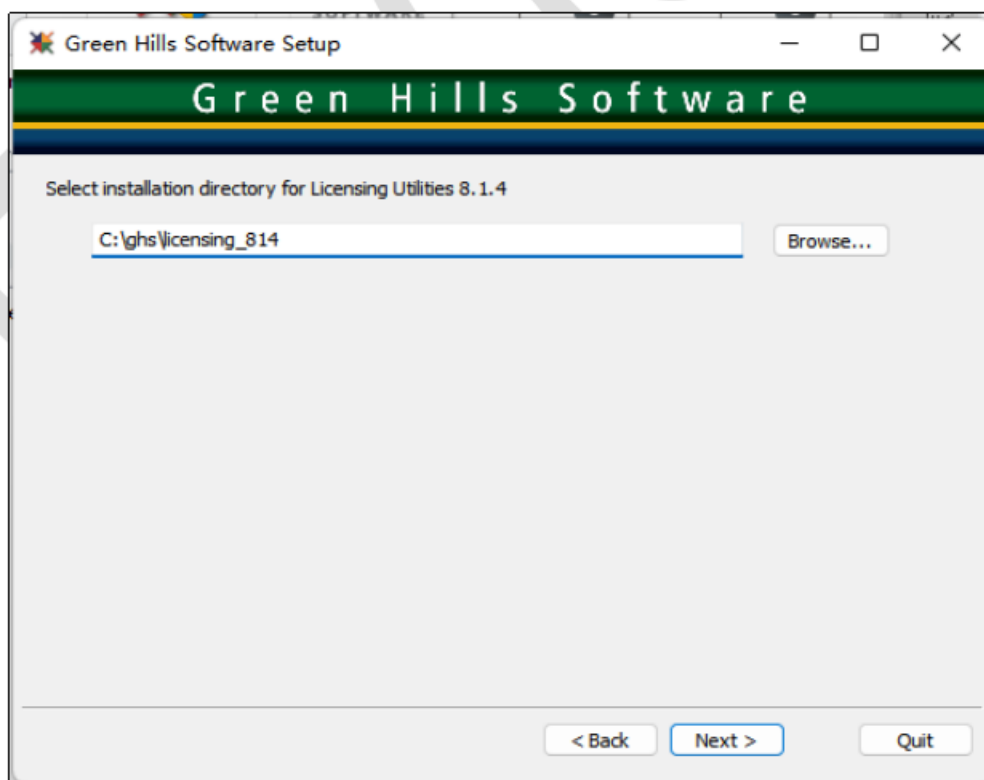


图2-5

6. 然后，选择install进行安装。（如图2-6）

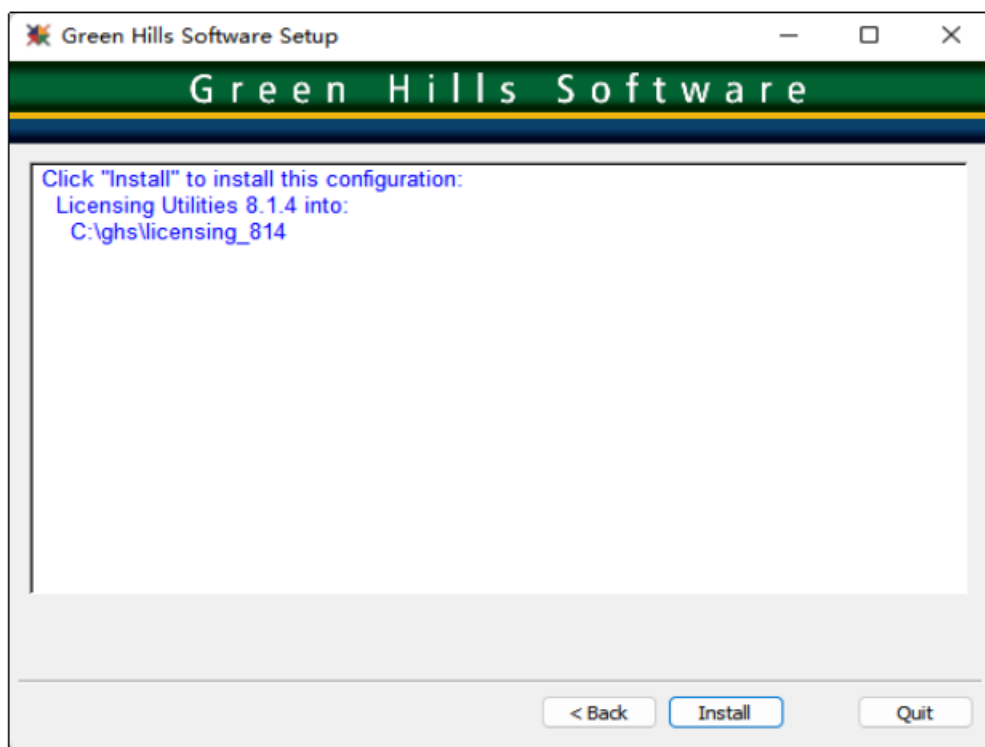


图2-6

三、生成申请文件（注意：请在最终部署的服务端上面生成申请文件）

1. 安装完成之后，执行licensing_xxx目录下的mlmadmin.exe。
2. 进入到MULTILicensing Wizard窗口后，选择“Set up network License Management (recommend for administrators)”，然后Next。（如图3-2）

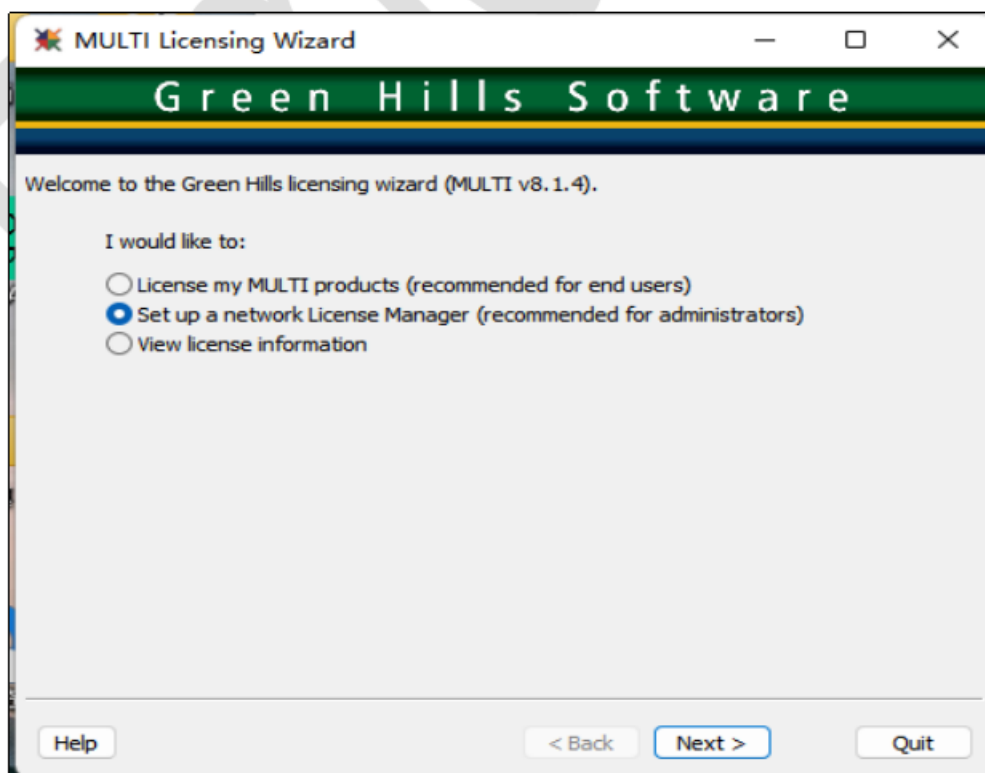


图3-2

3. 选择“Request floating or named-user licenses from GreenHills”。(如图3-3)

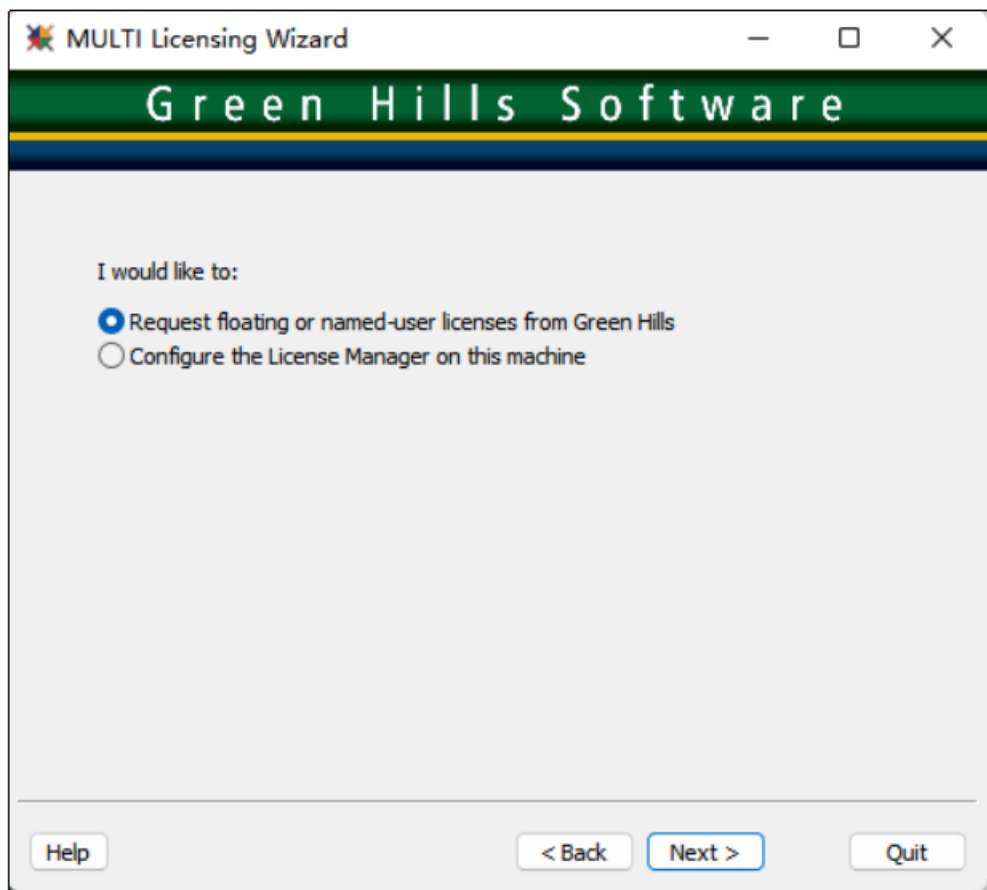


图3-3

4. 选择“Create a license request to e-mail, fax, or mail”。(如图3-4)

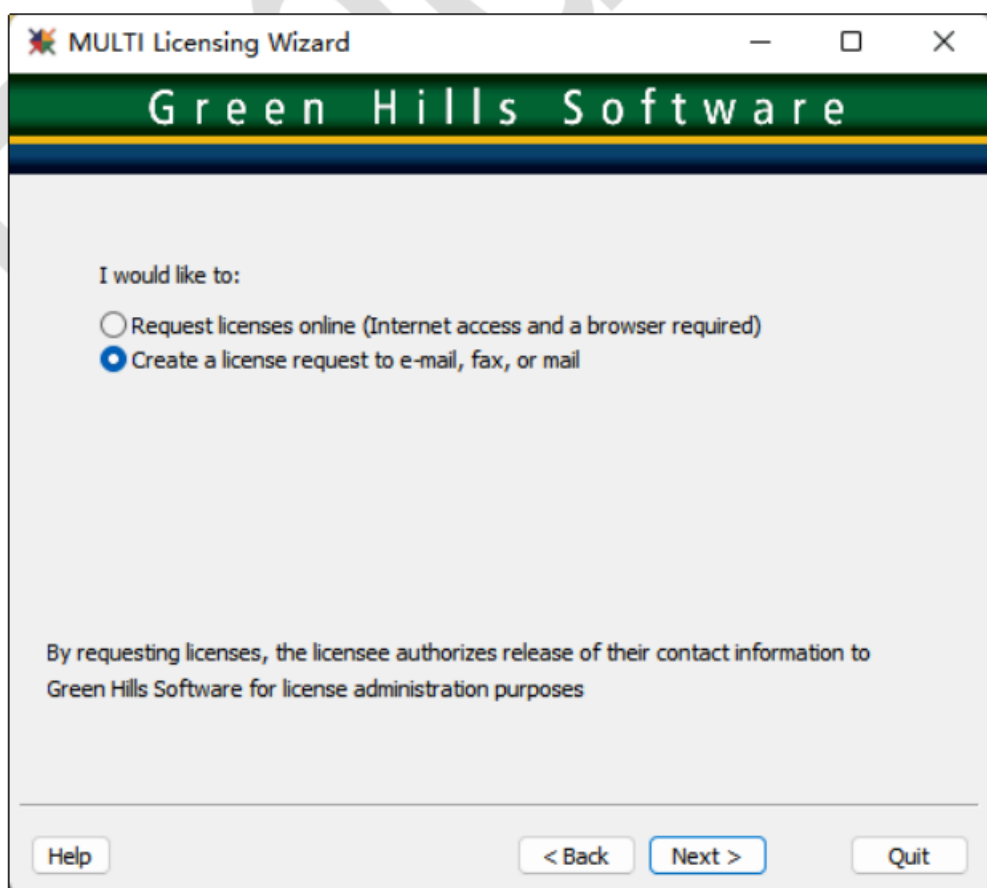


图3-4

5. 然后，在图3-5所示的窗口中，填写信息。

注意：带*是必须填写的信息，并且所填写信息要完整准确，并且请用英文填写。

The screenshot shows a web form titled "License Request Generator". It contains several input fields for user and company details. The fields are as follows:

- Name*: zhikang.luo
- Job Title: (empty)
- Group: (empty)
- Manager: (empty)
- Telephone*: 1365...87
- Fax: (empty)
- E-mail*: zhikang@emdoor.com
- Company*: Shenzhen Yidao Electronic Technology Co., LTD
- Address 1*: 3rd Floor, Building 6, Meigu, Meiling Huigu Science Park, 83 Dabao Road, Baoan District, Shenzhen
- Address 2: (empty)
- City*: shenzhen
- State/Province*: guangdong
- Postal Code*: 51200
- Country*: china

At the bottom left, it says "* fields are required". At the bottom right, there are three buttons: "< Back", "Next >", and "Cancel".

图3-5

6. 选择License属性“HostManaged: floating license distributed by this computer”。

The screenshot shows the "License Request Generator" form at a later stage. The "Number of Licenses" is set to 1. Under the "License Availability:" section, four radio button options are listed:

- Computer-locked: license will be locked to this computer
- Dongle-locked: license will be locked to a dongle
Dongle Label: (empty)
- Host Managed: floating licenses distributed by this computer
- Named-user: licenses distributed by this computer based on user name

The "Host Managed" option is highlighted with a red box. Below this section is a text area labeled "Special notes to Green Hills license administration staff:" which is currently empty. At the bottom right, there are three buttons: "< Back", "Next >", and "Cancel".

图3-6

- 选择License类型“Purchased (Permanent or Subscription)”，并且在下面的输入框中输入订单号（PO:GHSxxxxxx）。（如图3-7）

License Request Generator

License Type: Evaluation
 Purchased (Permanent or Subscription)
(Purchase Order Required)
Purchase Order Number:

Partner
 Special
Code:

 Other

< Back Next > Cancel

图3-7

- 然后将申请文件保存下来。（如图3-8）

License Request Generator

Submit this request to license@ghs.com or fax to +1 (805) 965-6343.
This is a request to use MULTI and the other Green Hills tools. Submit this request to license@ghs.com or fax to +1 (805) 965-6343.

Product: MULTI IDE 8.1.4, Compiler 2023.1.4 and Probe 6.4.6
Target(s): ARM
Debug Server: see PO

License Availability: Computer-Locked
License Type: Evaluation
System Name: DESKTOP-GI9015U
OS: Windows 11
Server Code: 5#0x521eb81

I HAVE READ AND AGREE TO ABIDE BY THE TERMS OF THE ENCLOSED GREEN HILLS SOFTWARE EVALUATION LICENSE AGREEMENT.

Customer Information:
Name: zhikang.luo
Job Title:
Group:
Manager:
Phone: 13657670987
Fax:
E-mail: zhikang.luo@emdoor.com
Company: Shenzhen Yidao electronic Technology Co., LTD
Address 1: 3rd Floor, Building 6, Meigu, Meisheng Huigu Science Park, 82 Daban Road, Baoan District, Shenzhen

Print... Send... **Save To File...**

< Back Next > Cancel

图3-8

将上面保存的申请文件，发送给对接的亿道电子技术支持工程师（邮箱：zhikang.luo@emdoor.com）。我们会将申请文件提交给原厂提供正式的license文件，申请完成后，对应的license文件会直接发送到申请文件中填写的邮箱中。

四、部署服务端

1. 收到正式的license 文件后，用管理员权限运行licensing_xxx文件夹下的mlmadmin.exe.
2. 进入到MULTILicensing Wizard窗口后，选择“Setup a network License Manager(recommend for administrators)”，然后Next。（如图4-2）

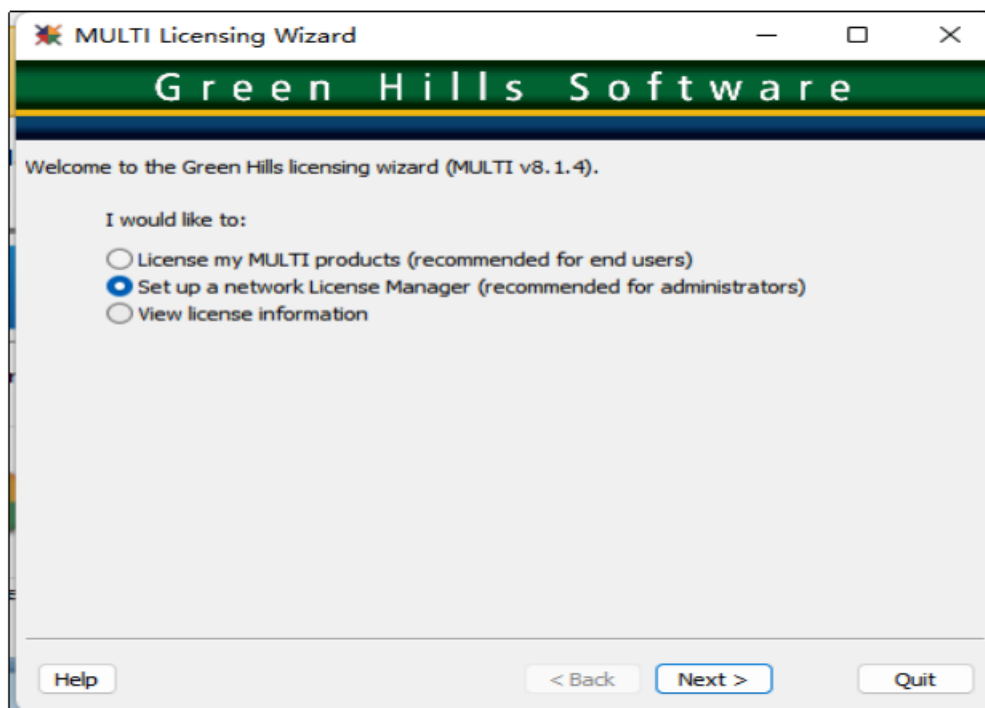


图4-2

3. 选择“Configure the License Manager on this machine”（如图4-3）

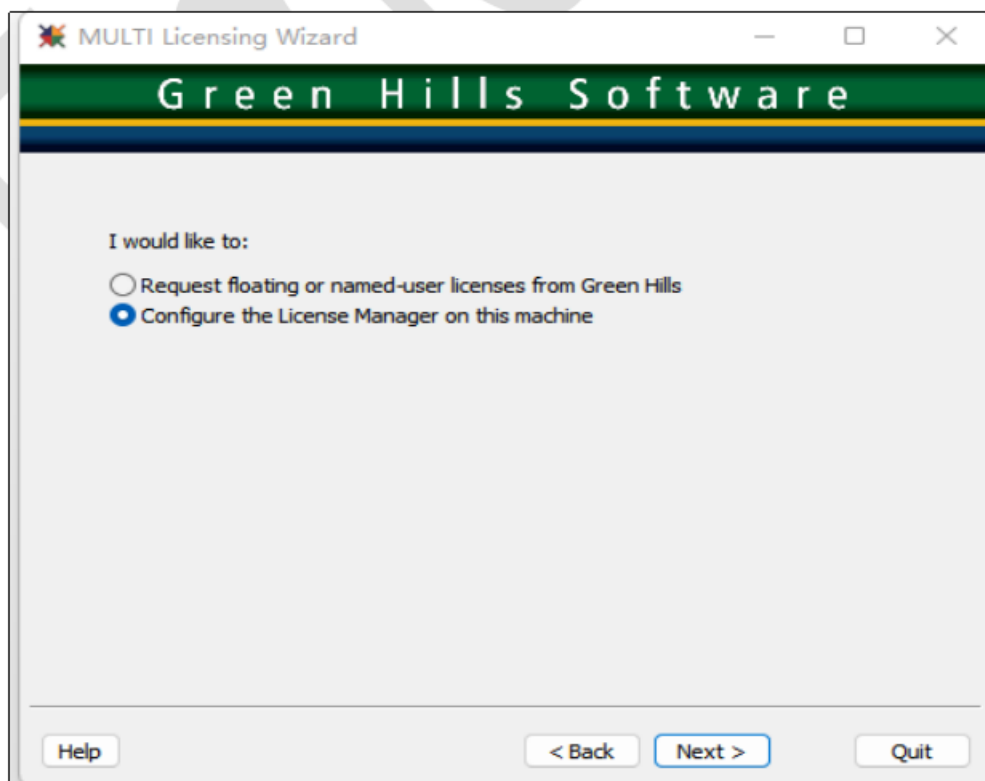


图4-3

4. 然后，根据选择去配置信息（图4-4）

- (1) License File: 选择获取到正式的license文件
- (2) Description: 标记对于license文件启动的服务描述，填写GHS
- (3) Log File: 用于记录服务信息的文件，创建一个lm.log文件，并在窗口中配置。
- (4) IP Addr Filter: 填写服务端IP地址的前两位，后面两位填写为0。例如：服务器的IP地址是172.168.xxx.xxx。那么就填写172.168.0.0。客户端只要IP地址网段也是172.168就可以连接服务器进行使用。

然后，点击 Start LicenseManager 启动服务。

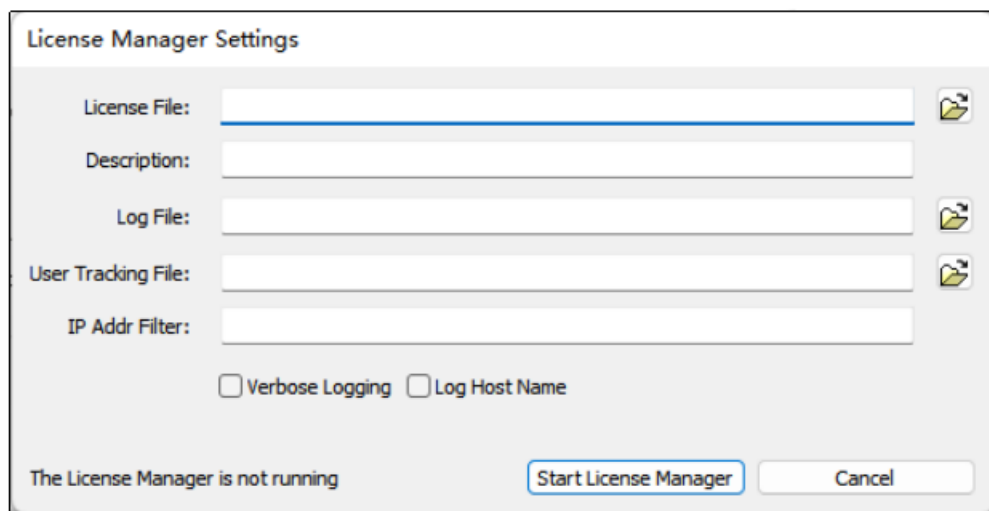


图4-4

5. 可以看license信息，服务端就部署完成了。（如图4-5）

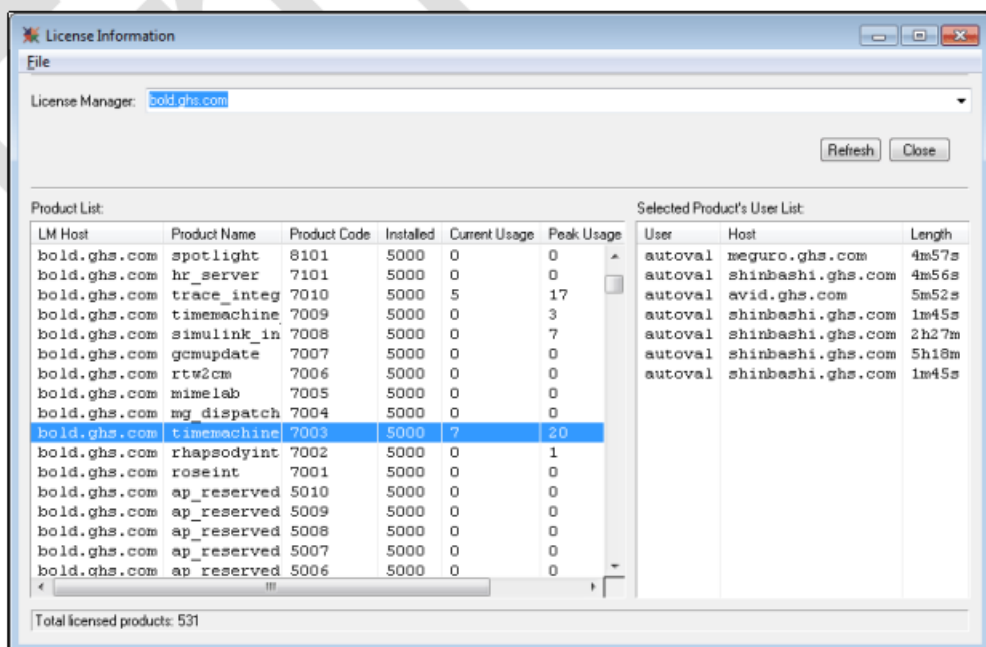


图4-5

五、客户端安装激活

1. 双击下载好的.ISO文件，进入到安装包文件夹目录中。
2. 进入到安装目录后，双击执行ginstall.exe（如图5-2）

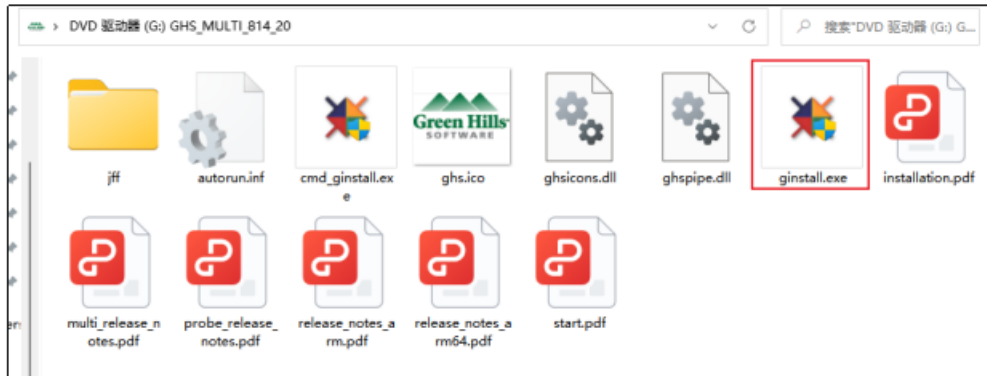


图5-2

3. 进入安装程序，可以选择Easy Install安装方式进行安装即可。（如图5-3）

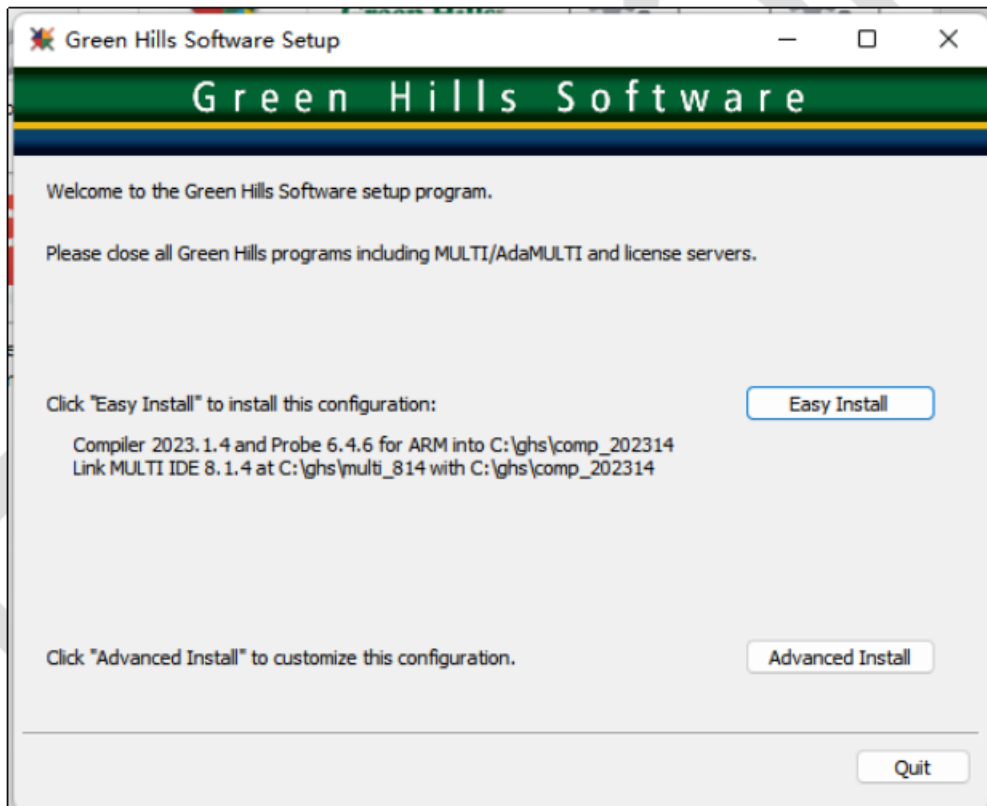


图5-3

4. 安装完成后，运行软件或者运行multi_XXX目录下的mlmadmin.exe。
5. 进入到MULTI Licensing Wizard窗口后，选择“License my MULTI products (recommended for end users)”，然后Next。（如图5-5）

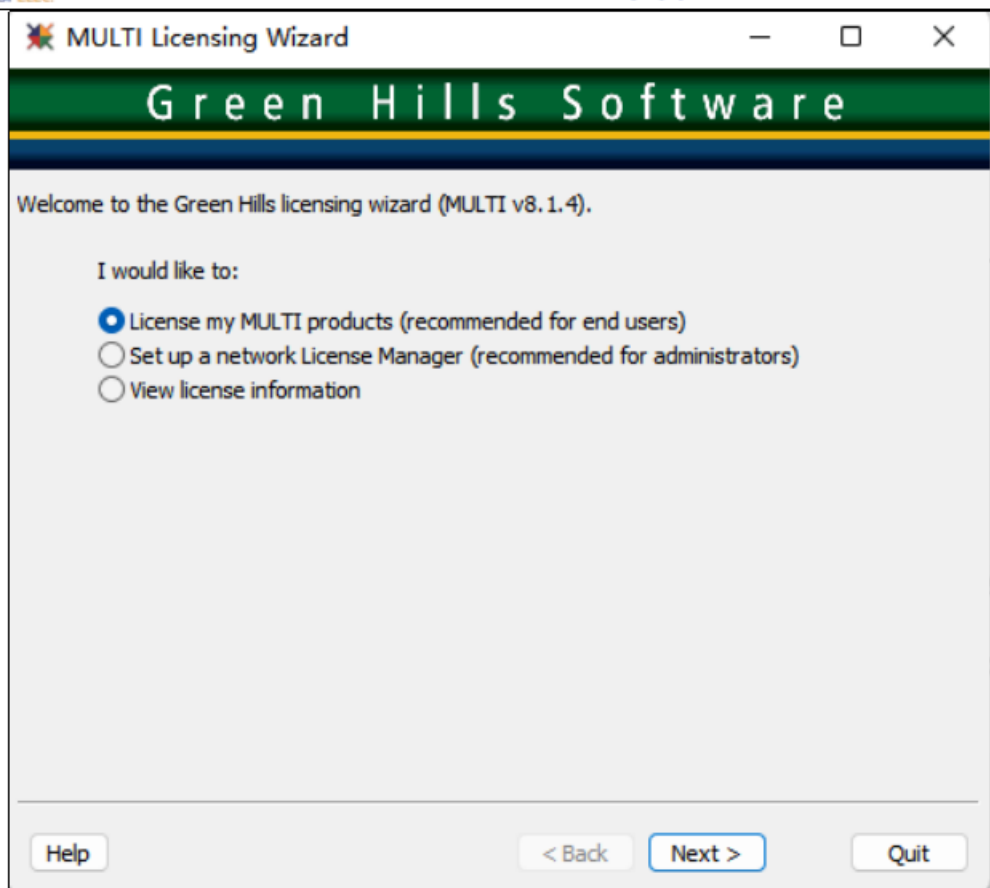


图5-5

6. 选择“Specify the network location of License Managers”。(如图5-6)

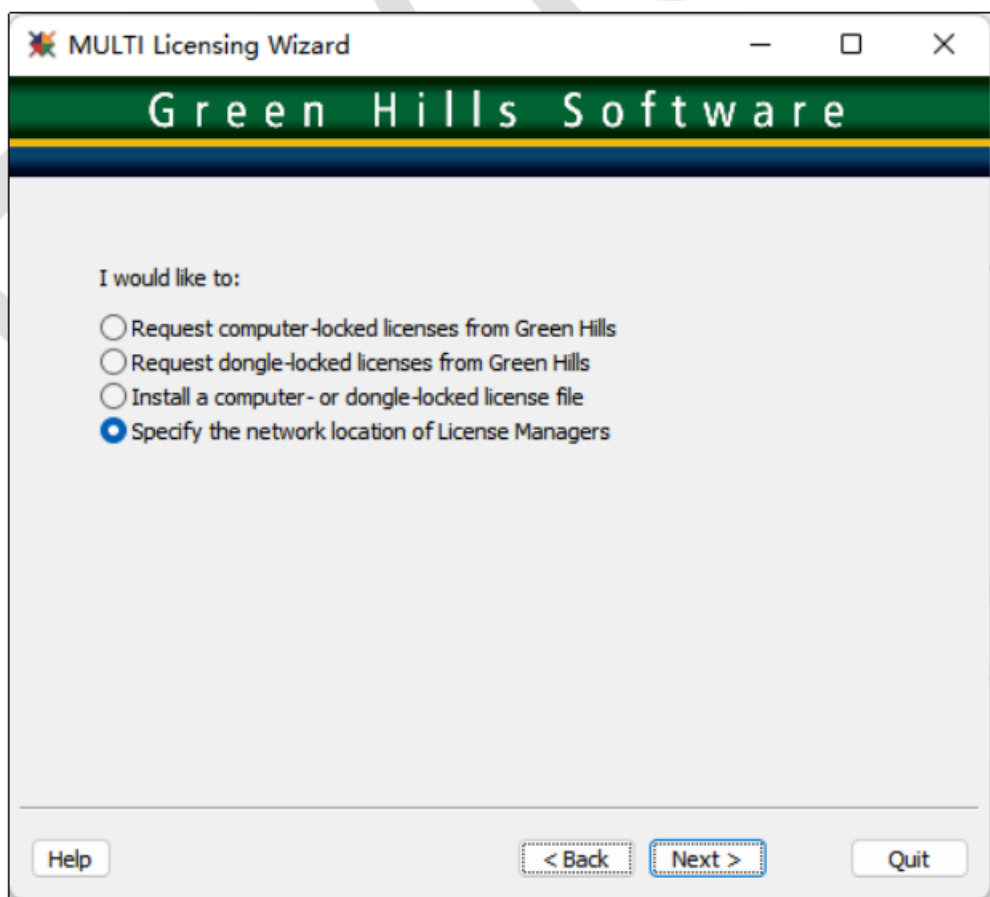


图5-6

7. 输入@服务器 IP 或@服务器主机名, 点击Next进行连接激活。(如图5-7)

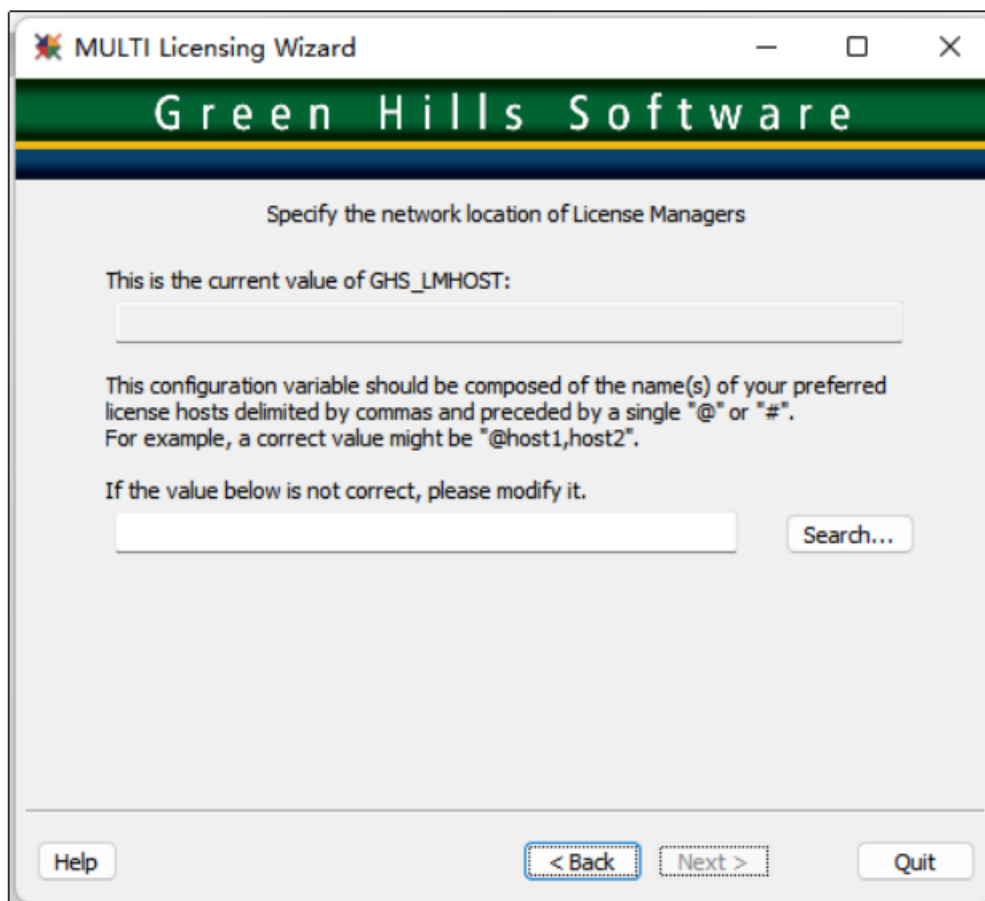


图5-7

8. 然后, 可以看到License Information窗口就激活成功了。

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