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## Using the SolarWinds LEM Agent Installer for Mac OS X

Use this article to install a SolarWinds Log and Event Manager Agent on Mac OS X hosts.

**Note:** The `plist` file used to start the 5.3.0 and 5.3.1 Agent contains incorrect values, so it doesn't work as expected. This is a known issue and will be fixed in a future release. The following installation procedure includes a workaround for these Agents.

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### Installer Requirements

- Mac OS X 10.4 or later
- Java Runtime Environment (JRE) 1.5 or later

### Agent Hardware Specifications

Hardware	Requirement
RAM	64 MB
Disk Space	130 MB

### Installation Folder

LEM Agents are installed in the `/Applications/TriGeoAgent/` folder by default. To run as a service and start automatically, the LEM Agent also uses the following folders:

- `/System/Library/StartupItems/`
- `/Library/LaunchDaemons/`

### Running the LEM Agent Installer

#### To run the LEM Agent installer:

1. Download the installer from the SolarWinds Customer Portal:
  - a. Browse to <http://www.solarwinds.com/customerportal/LicenseManagement.aspx>.
  - b. Log in with your SWID if necessary.
  - c. Find LEM in the product list, and then click **Choose Download**.
  - d. Find the Mac OS X installer on the list.
2. Extract the contents of the installer ZIP file to a local or network location.
3. Run `setup.app`.
4. Click **Next** to start the installation wizard.
5. Accept the End User License Agreement and click **Next**.
6. Enter the hostname of your LEM Manager in the Manager Name field and click **Next**. Do not change the default port values.
 

**Note:** Use the fully qualified domain name for your LEM Manager when you deploy LEM Agents on a different domain. For example, enter `LEMhostname.SolarWinds.com`.
7. Confirm the Manager Communication settings and click **Next**.
8. Confirm the settings on the Pre-Installation Summary and click **Install**.
9. After the installer finishes, click **Done** to exit the installer. Ignore the error message that says "some errors occurred during the install."

#### To configure the LEM Agent as a service and set it to start automatically:

1. Open `/etc/hostconfig` for editing. If you are not able to see `/etc`, go to **User Preferences** in the Apple menu, or go into expert mode in `/System/Applications/Preferences.app`.
2. Enter `TRIGEOAGENT=-YES-` on a new line.
3. Copy `/Applications/TriGeoAgent` to `/System/Library/StartupItems/`.
4. Download the attached [plist file](#) and save it in `/Library/LaunchDaemons/`. Alternatively, you can

modify the plist file packaged with the installed Agent:

- a. Navigate to `/Applications/TrigeoAgent/StartupFiles/TrigeoAgent/.`
  - b. Open `com.trigeo.trigeoagent.plist` in a text editor.
  - c. In the file, replace  
`/Applications/TriGeoAgent/TriGeoAgent.app/Contents/MacOS/TriGeoAgent` with  
`/Applications/TriGeoAgent/SWLEMAgent.app/Contents/MacOS/SWLEMAgent.`
  - d. Save the file in `/Library/LaunchDaemons/.`
5. Restart the computer.
  6. After the computer boots, run `ps -ef | grep -i trigeo` to verify the Agent starts automatically.

**To start the LEM Agent manually:**

1. Configure the LEM Agent as a service and set it to start automatically as illustrated previously.
2. Open **Terminal**.
3. Enter `launchctl load /Library/LaunchDaemons/com.trigeo.trigeoagent.plist.`

The LEM Agent continues running on your computer unless you uninstall or manually stop it. It begins sending alerts to your LEM Manager immediately.