Installing LiveUpdate Administrator (LUA) 2.x

1. Download and install the latest JRE (http://www.java.com/en/)
2. Verify system requirements
3. Execute the LUA 2.x install package by double-clicking on the install file. LUAESD.exe.
4. Walk through the installation wizard:
a. Click **"Next"** to begin
b. Read the license agreement then if you agree, accept the agreement by choosing the appropriate radio button and clicking **"Next"**
c. Choose the install directory for LUA. By default, it will use \Program Files\Symantec\LiveUpdate Administrator\
d. Choose the downloads directory for LUA. By default, LUA will use ...\All Users\Application Data\Symantec\LiveUpdate Administrator\Downloads
e. Create the administrator account by entering the user name, password, and email address of the administrator. Record the user name and password used
f. Begin the install by clicking next. If you wish to change any pre-install setting, click the Back button, otherwise click **"Install"**
g. Once complete, click **"Finish"** to end the install.

System Requirements

Please see the following documents:

- '<u>System Requirements for LiveUpdate Administrator 2.2</u>'
- '<u>System Requirements for LiveUpdate Administrator 2.1</u>'

To install Symantec LiveUpdate Administrator 2.x, you must log on as a power user with Administrator privileges minimum. You must be able to create new local users and to create new services.

By default, the following ports are used by Symantec LiveUpdate Administrator:

Name	LUA 2.1 Port number	LUA 2.2 and above Port number
Tomcat	8080	7070
Tomcat shutdown	8006	7071
PostgreSQL Database	5432	7072

NOTE: If these ports are being used by other applications at the time you install the Symantec LiveUpdate Administrator, you will be prompted to enter alternate port numbers that the Symantec LiveUpdate Administrator can use. If a firewall is enabled for IP packets sent from the Symantec LiveUpdate Administrator system, destination IP ports such as HTTP (80), HTTPS (443), and FTP (21), should be allowed for communication. The Symantec LiveUpdate Administrator communicates with the Distribution Centers using these ports. Problems may occur while using a Terminal Service for installation. You should install the Symantec LiveUpdate Administrator directly from the console.

Configuring Downloads

1. Log into the LUA server. Double-click on the LiveUpdate Administrator Icon on the desktop or use your Internet Browser to connect to the web interface. The default login location if accessing from a remote computer is http://[IP of LUA server]:7070/lua/logon.do
2. Log into the LUA server using your user name and password
NOTE: to add or change download options, you must be logged into the LUA server as an administrator
3. Click on the **"Configure"** tab
4. Update your Symantec Product Catalog (SPC) by clicking on **"Update Symantec Product Catalog"**. Once this is complete, move to step 5.
5. To add a new product, click **"Add New Products"**
6. Select the products you would like to update.
a. Click on the **"Product Line"** you would like to add to LUA
b. Under "All Products", choose the versions you would like to update
c. Once you have finished with selecting the Products for the Product Line selected in step a., click **OK**
d. If you would like to add more products, start with Step 5

Source Servers

What are Source Servers?
Source servers are the locations LUA downloads its content from. When you install the LiveUpdate Administrator, the Symantec LiveUpdate server at http://liveupdate.symantecliveupdate.com is added by default. The LiveUpdate Administrator will download updates from the server with the highest priority if updates with the same timestamp are available on all source servers. The failover server list displays similar information for the failover servers associated with the source server. The list of failover servers is in the order that a connection will be attempted in cases where you cannot connect with the source server. You can change the order of the failover servers by clicking Edit , and then selecting the failover server to move up or down in the list.

Configuring Distribution Centers

Before creating distribution centers, you will want to create a user account that will only have permission to the created folder where the content will be downloaded.

1. Log into the LUA server. Double-click on the LiveUpdate Administrator Icon on the desktop or use your Internet Browser to connect to the web interface. The default login location if accessing from a remote computer is http://[IP of LUA server]:7070/lua/logon.do
2. Log into the LUA server using your user name and password
NOTE: to add or change distribution options, you must be logged into the LUA server as an administrator
3. Click on the **"Configure"** tab
4. Click on the **"Distribution Centers"** tab
NOTE: the "Default Product Distribution Center" will distribute content via HTTP to a folder local to the LUA machine: If you choose the default install path, content would be distributed to the \Program Files\Symantec\LiveUpdate Administrator\clu-prod folder
5. To add a new Distribution Server, click the **"Add"** button
6. Enter a name for this distribution server. This name will be used as a reference in LUA
7. Choose to make this a "Test" or "Production" distribution server
8. Enter a description of the distribution server
9. Add a location

a. Enter the name for the location server

b. Enter the IP or FQDN of the distribution target

c. Enter the root directory for the target. If it is the root of the HTTP server for the host name, leave the directory blank

d. Enter the login id and password for the distribution server (The same username that you created earlier)

NOTE: if you run into difficulty accessing the distribution server, add the domain or the IP address of the LUA server before the login account used, seperated by a back slash. Example: if your distribution server you are connecting to is 10.0.0.0, and you are using an account called luadmin, you may need to set the login id to 10.0.0.0\luadmin

e. If the LU clients connecting to this server must use a different user id/password to connect and download content, uncheck the "Same as above" check box and enter the user name (login id) and password

f. Choose the protocol the distribution server is using.

NOTE: LUA does not supply the protocol used for by the distribution server to either supply content updates to clients or to receive content updates from the LUA server

g. If a proxy is used between the LUA server and the distribution server, check the box next to "Use proxy:" and enter in your proxy's information

h. Click the **"Test"** button to make sure LUA can connect to the distribution server

i. If the test is successful, click **"OK"**

10. Choose the products to send to the distribution server

a. Next to the "Product List" heading, click the **"Add"** button

b. This will show a list of products you chose to download under the "Configuring Downloads" section of this document. Select any LiveUpdate packages/product updates you would like to distribute to this distribution server

c. After you choose the product updates, click **"OK"**

11. Finish the distribution server setup by clicking **"Apply"** then **"OK"**

Configuring IIS to act as a LUA Distribution Center:

1. Open "**Internet Information Services (IIS) Manager**".

2. Expand Computer, then right click on "**Web Sites**", and select "**New**" and "**Web Site**".

3. Click "**Next**" and enter a name for your lua website.

4. Select the tcp port that you want to use for lua to communicate with this website.

5. Browse to the c:\inetpub\wwwroot and click next.

6. Right click on your new website and click on "**New**" and Select "**Virtual Directory**".

7. Type in the name you want for your virtual directory and click "**Next**". (This will be what is used in step 9c of configuring distribution centers)

8. Browse to the folder you created where the content will be stored.

9. Select "**Read**", "**Write**", and "**Browse**" for the permissions.

Tips if using HTTP or HTTPS:

Use the same username that you created earlier for the directory security of the site you have created.

You will need to add the webdav package for IIS in order to distribute content when using http or https.

1. To add webdav:

a. Open Control Panel, and select Add/Remove Programs.

b. Click on "**Add/Remove Windows Components**".

c. Double-click on "**Application Server**".
d. Double-click on "**Internet Information Services (IIS)**".
e. Double-click on " **World Wide Web Service**".
f. Please check "**WebDAV Publishing**".

Note: Edit the metabase at your own risk. You may want to back up the existing metabase before continuing.

For how to edit the metabase, read Microsoft's article on "[IIS 6.0 Does Not Serve Unknown MIME Types](#)."

    2. You will need to add MIME types to the website that you have created in IIS.
    a. Open "**Internet Information Services (IIS) Manager**"
    b. Expand "**Websites**" and right click on the distribution center website and select properties.
    c. Click on the "**HTTP Headers**" tab.
    d. Click on "**MIME Types**" button.

Please add the following extensions to MIME types:

*.cal
*.m25
*.zip
*.ia64ap
*.x86
*.x64
*.skn
*.flg

These extensions are subject to change.