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Introducing Update Server

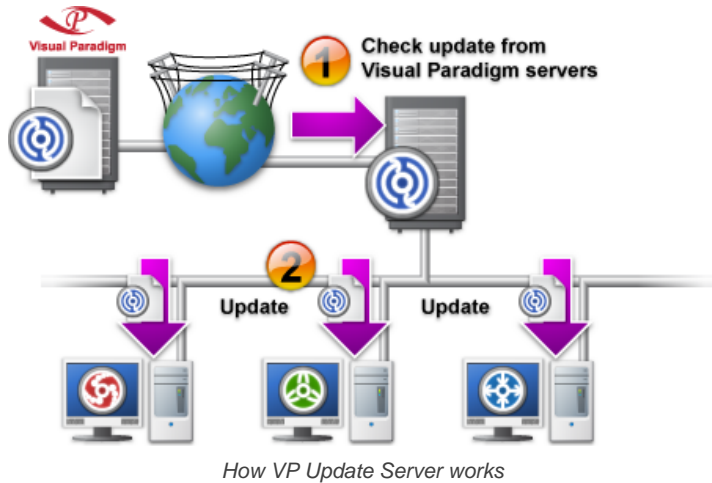
Visual Paradigm Update Server is a tool that downloads product updates and product installers from the Internet periodically. Team members can then connect to the update server to update all of the installed Visual Paradigm products with the most up-to-date copy through the local network instead of the Internet.

Introducing Update Server

Learn what Update Server is.

Introducing Update Server

Visual Paradigm Update Server is a tool that downloads product updates and product installers from the Internet periodically. Team members can then connect to the update server to update all of the installed Visual Paradigm products with the most up-to-date copy through the local network instead of the Internet.



What is meant by product update?

Visual Paradigm releases hotfixes weekly. Each hotfix contains enhancements and bug fixes. Product update refers to the process of updating an installed product to latest hotfix release. It helps ensure the running Visual Paradigm products in your organization is in the best state with all needed enhancements and fixes included. It is highly recommended to run product update constantly to keep the installations up-to-date.

Why needs Update Server?

Taking an organization in which 100 computers have been installed with Visual Paradigm products as an example, you have to connect to the Internet 100 times for getting the same update files; it leads to wasting of resources in terms of bandwidth and time. With Update Server, you can save resources by downloading the update files to a server in your LAN once and sharing the updated files to your local network clients through the local area network.

As the download process is done only once, it will not waste bandwidth and time for downloading the same files many times. On the other hand, computers that installed Visual Paradigm products can update their installation easily once the updated files are available on the server. Hence, you can benefit from getting the update files as soon as possible by using the local area network instead of Internet and keeping the working version of your team in sync.

How Visual Paradigm Update Server works?

The Visual Paradigm Update Server checks for any updated files in the Internet with respect to the existing files in the repository and downloads all changed files to the repository. Once the updated files are available in the repository, client products can update their local files by using the update program.

System requirements

Hardware requirements

- Intel Pentium 4 at 2.0 GHz or higher
- Minimum 2.0 GB RAM, but 4.0 GB is recommended.
- Minimum 4GB disk space (NOT include project space).
- Microsoft Windows (XP/Vista/7/8), Microsoft Windows Server (2000/2003/2008/2012), Linux, Mac OS X

Supported databases

- Oracle 8i, 9i, 10g, 11g, 12c
- MySQL 3, 4, 5
- Microsoft SQL Server 2000, 2005, 2008, 2012, 2014
- Postgre SQL 7, 8, 9

Client

- Visual Paradigm

Installation

Install Update Server to server machine and start it up.

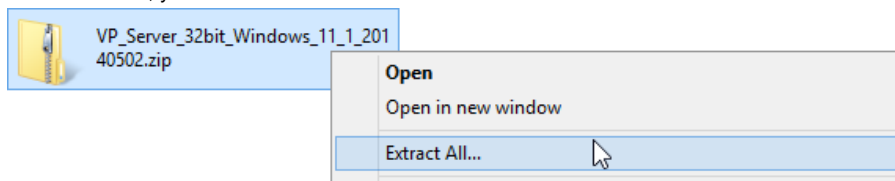
Installing Update Server

Learn how to install Update Server.

Installing Update Server

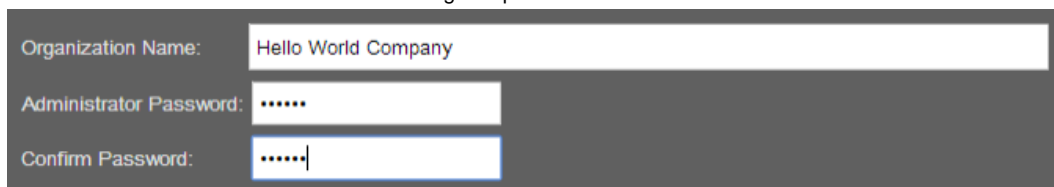
Download the Update Server program from our [Customer Service Center](#), and read through this page to install the Update Server. Before you start, make sure you have a machine ready for the installation of Update Server. The minimum requirement of such machine is that it must be able to access the Internet, and be accessible by client machines through network, either Intranet or Internet.

1. Having downloaded the zipped Visual Paradigm Server to the server machine, extract it to the folder where you want the Update Server to install to. When finish, you obtain a folder **VPServer**.



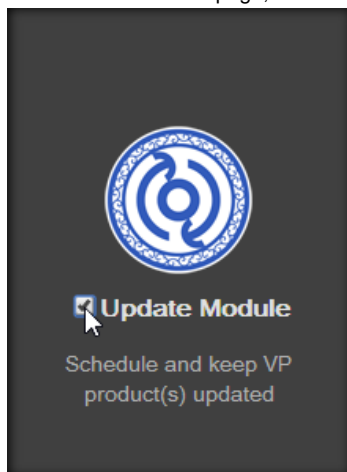
Extracting the zipped VP Server

2. Start up the server by running **VPServer\scripts\startup.bat** file (startup.sh for Linux and Mac OS X). You may see a command console appear. Do NOT close it or else the server will be stopped.
3. Open your Web browser and visit: **http://127.0.0.1:1999/**
4. The server installation page appears. Enter your organization's name and a new administrator password. Enter the same password again for confirmation. Click **Select Module** at bottom right to proceed.



Organization name and password are entered

5. In the **Select Module** page, select the module(s) you need to activate. Select **Update Module**.



Select Update Module

NOTE: You can select more than one modules. In this user's guide only the Update Module will be covered. If you want to know the details about the other supported modules, please check from their user's guides.

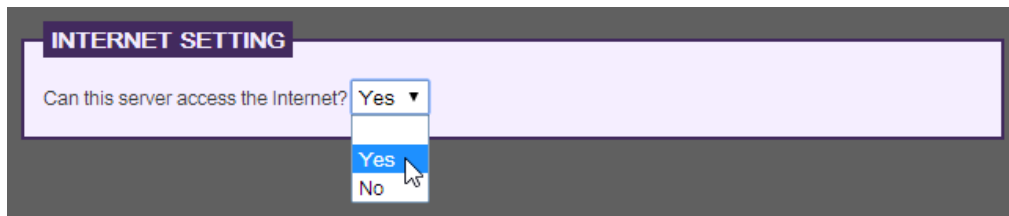
6. Click **Configure Database/Module** at bottom right. The **Configure Database** page appears.
7. There is data that VP Server need to make persistent, such as your login name, password, server repository path, etc. All these have to be stored in a database. Initially the **Embedded** database would be selected for you. The **Embedded** database is a ready-to-use database management system built into the server. In other words, no additional database setup has to be made by choosing **Embedded** database. If you want to store data in an external database, click **Change** and fill in the connection information of the database. You need to prepare an empty database if you take the option of external database.



Going to select a database

8. Click **Configure Module** at bottom right. The **Internet Setting** page appears. Answer the question "Can this server access Internet?" by selecting **Yes** or **No**. If the server can access the Internet, you can configure the server to download update automatically for selected products.

If the server cannot access the Internet, you will be presented download links of the update files so that you can download them in a machine that can access the Internet.



Internet Setting

9. Click **Update Module** at bottom right. The **Configure Update Module** page appears.
10. Now, you can start configuring the server. For detailed instruction, read the next section about how to configure the download of product update and installer. Click **Finish** at bottom right to complete the installation.

Server configuration

See how to configure Update Server to make it automatically download product updates and installers.

Download of product updates

Learn how to configure Update Server to make it download updates of VP client products for you.

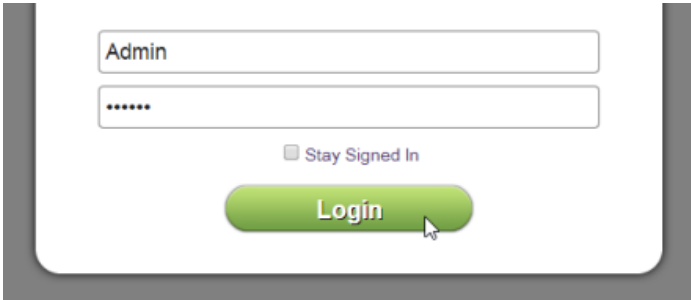
Download of installers

Learn how to configure Update Server to make it download product installer for you.

Download of product updates

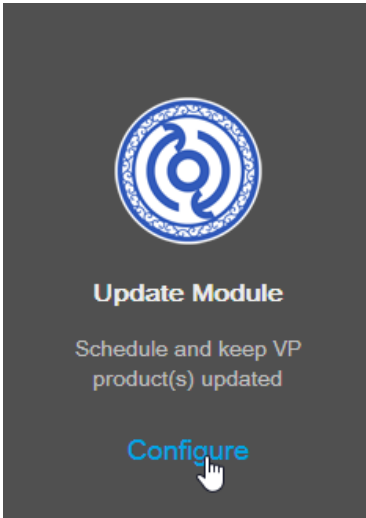
Client can perform product updates by connecting the update server. In this page, you will see how to download product updates to the Update Server so that clients can obtain the updates in a ready state.

1. Open a web browser.
2. Visit the Update Server URL and login as administrator. Note that the login ID of the default server administrator is *Admin*.



Logging into VP Server as administrator

3. Click on **Configure for Update Module**.



Configure Update Server Module

4. In the configuration page, select the type of product you allow client to update via Update Server. VP-UML, Agilian and Logizian are obsolete products. They aren't available in the latest version but still, you can download their updates and installers as long as their mainstream versions are maintained.



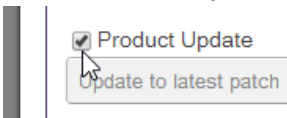
Select the downloadable type of product updates

5. Select the version to download update files. Very often you only need to choose the latest version instead of old ones. Select also the site for downloading updates. With **<Auto Select>**, the closest one will be chosen for you.



Select the downloadable version

6. Make sure **Product Update** is checked. Otherwise, product updates will never be downloaded.



7. Configure how often updates will be checked and downloaded in the **Synchronize Schedule** section. The drop down menu **Recurrence** controls how often updates will be checked. By selecting an option other than *Never*, set the start date and time, which is the first time to start checking and downloading product updates.

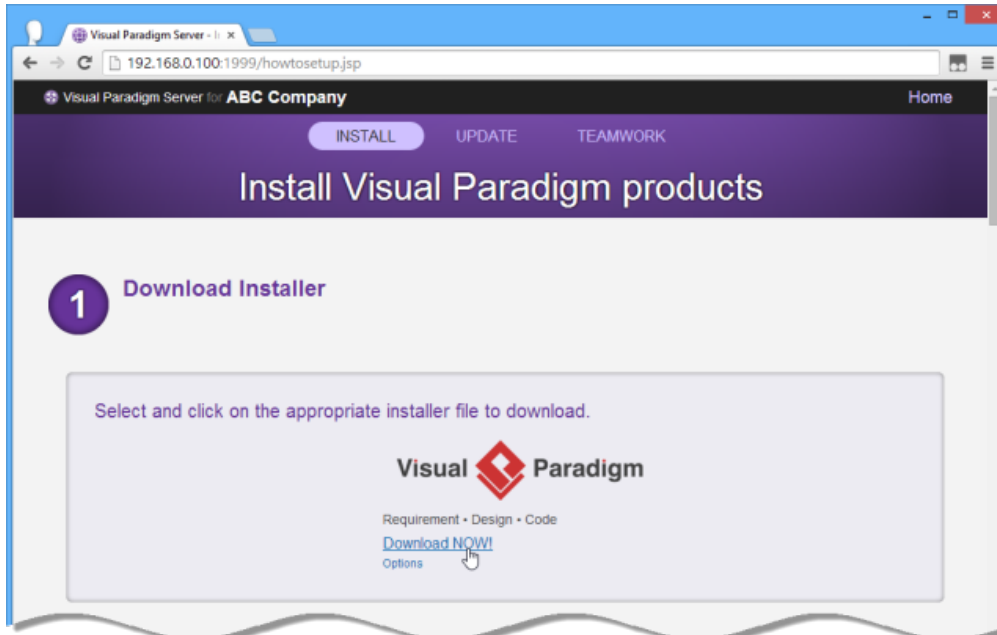
The screenshot shows a configuration window with a section titled "SYNCHRONIZE SCHEDULE". Inside this section, there are three input fields: "Recurrence:", "Start Date:", and "Time:". The "Recurrence:" dropdown menu is currently open, displaying a list of options: "Never", "Specific date", "Every day", "Every week", "Every 2 weeks", "Every month", and "Every 3 months". The "Next Synchron..." field is partially visible below the dropdown. Below the "SYNCHRONIZE SCHEDULE" section is another section titled "PROXY SE..." which contains a checkbox labeled "Use Proxy".

Set the synchronize schedule

8. Click **Save**. Note that the update server will check for updates immediately when you clicked **Save**.

Download of installers

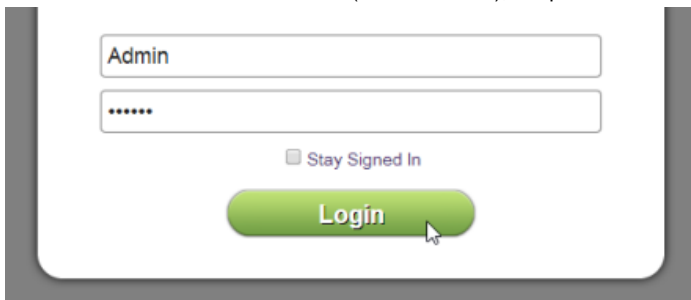
When client need to install a Visual Paradigm product, he/she may visit the official site of Visual Paradigm and download the installer file from there. Update Server also supports downloading installer file. When client visit the main page of update program (see the image below), he/she can download the product installer of the latest hotfix release in the **Download Installer** section and install the product they need by him/herself.



Download Visual Paradigm installer from the main page of Update Server

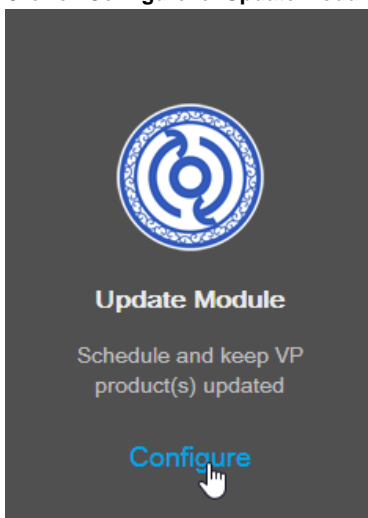
It is possible for the administrator to disable the download function, or to configure the source of installer, either from the Internet or from the Update Server. In this page, you will see how to configure installer download function.

1. In the Update Server server machine, open a web browser and visit: **http://127.0.0.1:1999/admin**
2. Enter the username of administrator (default: Admin), the password and click **Login**.



Logging into VP Server as administrator

3. Click on **Configure** for **Update Module**.



Configure Update Server

4. In the configuration page, select the type of installer you allow client to download. VP-UML, Agilian and Logizian are obsolete products. They aren't available in the latest version but still, you can download their updates and installers as long as their mainstream versions are maintained.

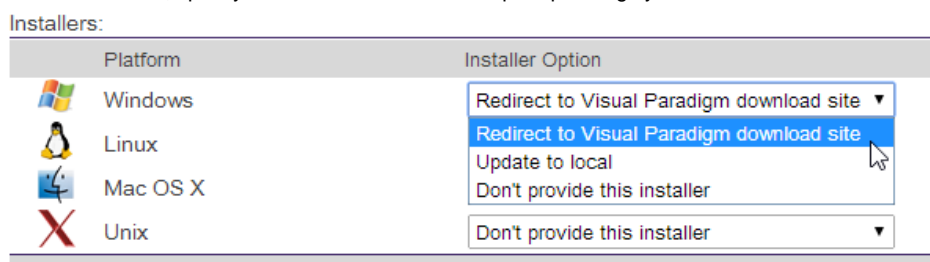
Select the downloadable type of product installer

- Select the version of downloadable installers. Very often you only need to choose the latest version instead of old ones. Select also the site for downloading updates. With **<Auto Select>**, the closest one will be chosen for you.



Select the downloadable installer version

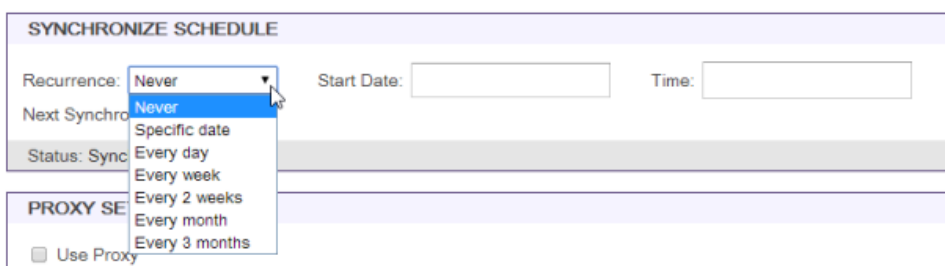
- In the **Installers** section, specify the source of installer files per operating system.



Select installer option

Here are the available options:

- Redirect to Visual Paradigm download site** - When client click the download button, it will try to download the installer from Visual Paradigm's download site through the Internet.
 - Update to local** - Installer files will be downloaded from the Internet to the Update Server from time to time. When client click the download button, it will try to download the installer from Update Server.
 - Don't provide this installer** - User will not see the download button when visiting the main page of update program. In other words, download is disabled for this operating system.
- Installer will only be downloaded to Update Server when the version available to download is more updated than the version downloaded to Update Server the last time. Configure how often the checking and download will be made in the **Synchronize Schedule** section. The drop down menu **Recurrence** controls how often updates will be checked. By selecting an option other than *Never*, set the start date and time, which is the first time to start checking and downloading installers.



Set the synchronize schedule

- Click **Save**. Note that the Update Server will check for available installer immediately when you clicked **Save**.

Starting and stopping server

Start server to let clients get product updates from it.

Starting server

Learn how to start server.

Stopping server

Learn how to stop server.

Starting server

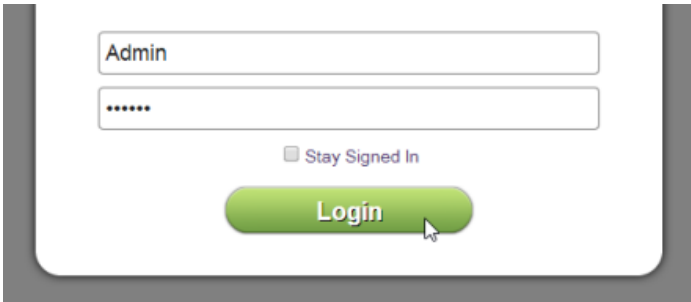
In order to let client products perform updates and download installers, the VP Server must be started and is running properly. To start the server, simply run **startup.bat** (startup.sh for Linux and Mac OS X) in the **scripts** folder under the VP Server server program directory. By starting VP Server, the Update Server module will be started automatically.

Stopping server

When the Update Server is stopped, client products can no longer connect to the server to perform update or to download installers. Therefore, stopping of server must be done carefully.

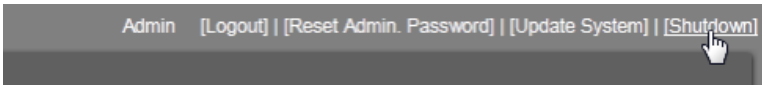
Stopping of server involves two main parts. The first part is to let VP Server check if it is safe to perform a shut down and to shut down for you if alright. The second part is to stop the server program.

1. Open a web browser.
2. Visit the Update Server URL and login as administrator. Note that the login ID of the default server administrator is *Admin*.



Logging into VP Server as administrator

3. Click on the **[Shutdown]** link at top right.



Shutdown the server

4. Click on the **Shutdown Server** button to start the pre-shutdown procedures. It first checks if it is possible to perform a shut down. If someone is connecting to the server for performing tasks like committing, shutdown will be rejected. If it is safe to shutdown, it will shutdown the server for you.
5. Run **shutdown.bat** (shutdown.sh for Linux and Mac OS X) in the **scripts** folder under the VP Server server program directory to quit the process.

Installing service

Install Update Server as windows service to make it auto run when starting O/S.

Installing Windows service

Learn how to install Update Server as service in Windows.

Removing service

Learn how to remove Update Server service.

Installing Mac OS X Startup Item

Learn how to install Update Server startup item in Mac.

Installing Windows service

By installing VP Server as a Windows service, this causes the VP Server to start when starting Windows. By starting VP Server, the Update Server module will be started automatically. In other words, you do not need to start it up manually. To install Windows service, make sure your computer has JDK (Java Development Kit) installed. If not, download from <http://www.java.com/en/download/> and install it. After that, run **install_service.bat** in the **scripts** folder under the VP Server program directory.

Removing service

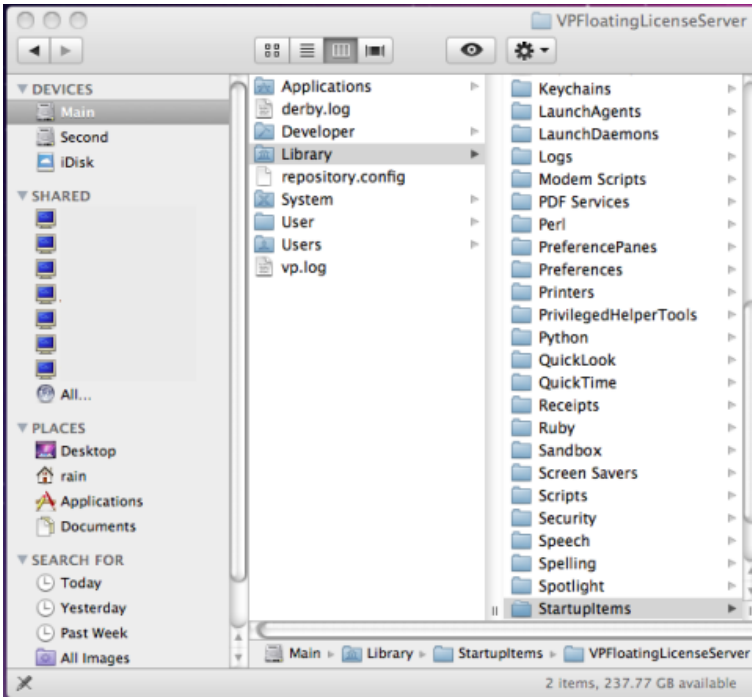
By removing Windows service, the VP Server will no longer start when starting Windows. Therefore, you will need to start it yourself. To remove the installed service, run **remove_service.bat** in the **scripts** folder under the VP Server program directory.

Installing Mac OS X Startup Item

In order to make Update Server run when launching Mac OS X, you need to create a startup item, which cause the VP Server to be executed during the final phase of the boot process.

To install VP Server startup item:

1. Setup the VP Server. Make sure the name of server folder was named as VPServer, which is the default name you see when extracting the downloaded and zipped server program.
2. Go to `/Library/StartupItems`. If `StartupItems` does not exist, create it manually.



Go to /Library/StartupItems

3. Create a folder named **VPServer** under `/Library/StartupItems`. You must have root permission in advance. To get root permission, execute command "`sudo su`". After that, you have to provide root password for proceeding.
4. Create two files: **VPServer** and **StartupParameters.plist** respectively under the **VPServer** folder.
5. Edit **VPServer** and fill in the content as below. Replace `%path_to_your_server%` with a correct value.

```
#!/bin/sh
./etc/rc.common
# The start subroutine
StartService() {
  /%path_to_your_server%/VPServer/webserver/bin/startup.sh
}
# The stop subroutine
StopService() {
  /%path_to_your_server%/VPServer/webserver/bin/shutdown.sh
}
# The restart subroutine
RestartService() {
  /%path_to_your_server%/VPServer/webserver/bin/shutdown.sh
  /%path_to_your_server%/VPServer/webserver/bin/startup.sh
}
RunService "VPServer";
```

6. Edit **StartupParameters.plist** and fill in the content as below.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
  <dict>
    <key>Description</key>
    <string>VPServer</string>
    <key>Provides</key>
    <array>
      <string>VPServer</string>
    </array>
  </dict>
</plist>
```

7. Set permission for those files. Set owner as root, change group as wheel and make sure there are execute permission to those files. You can execute command `chmod 755 *` on those files to grant the execute permission.
8. Restart your machine to activate Mac OS X system service.

Performing product update

Product update refers to the process of checking and downloading changes for client installation.

Performing product update

Learn how to get product updates from Update Server.

Performing product update

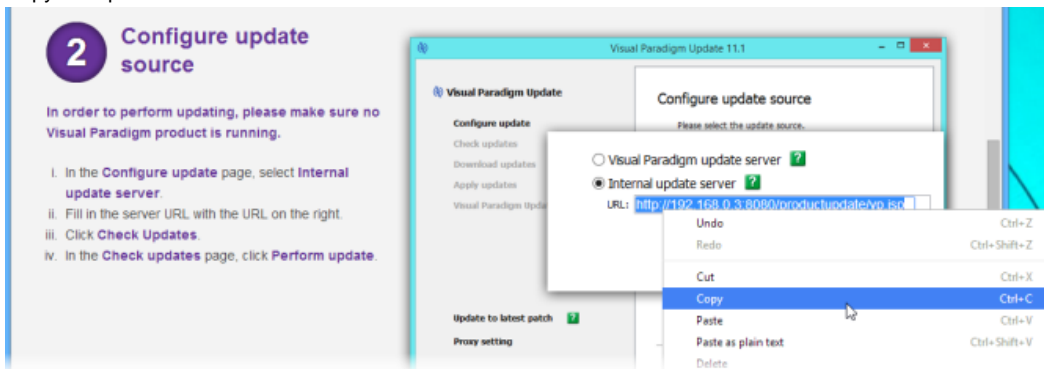
Product update refers to the process of checking and downloading changes for client installation. To update product installation, perform the following steps in all client installations.

1. Open your web browser and visit the URL of Update Server. For example, *http://192.168.0.3:8080/*. You should contact your server administrator for the URL.
2. In the login page, click on the link **How to set up**.



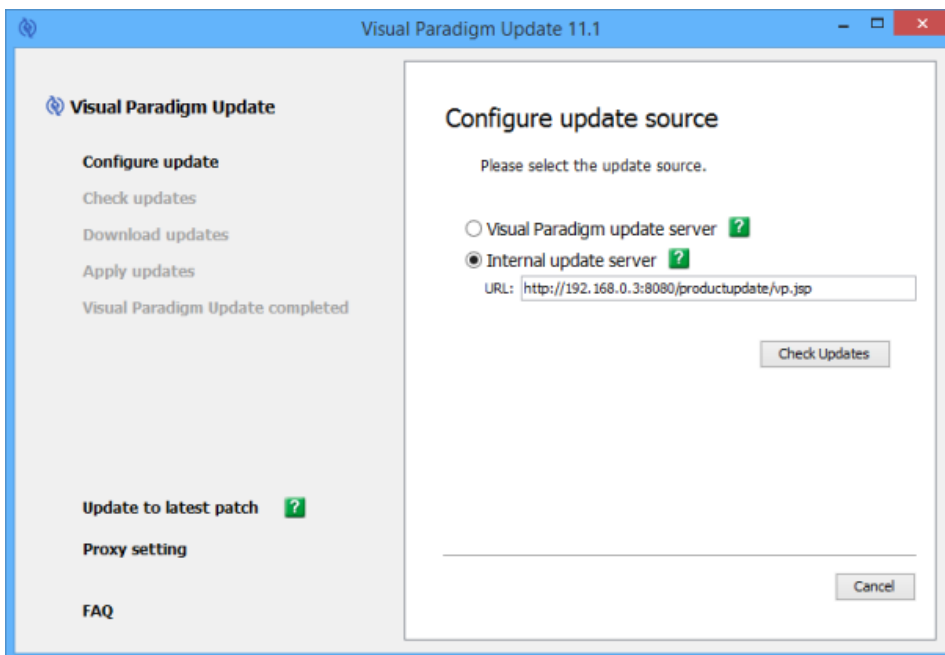
Clicking on How to set up

3. At the top of the page, open the **Update** page. Skip this step if you are already opening the **Update** page.
4. Scroll down to step 2 in the page.
5. Copy the update URL embedded inside the screenshot.



Copy update URL

6. Run the update program in the bin folder of Visual Paradigm installation. (e.g. *C:\Program Files\Visual Paradigm 11.1\bin\Visual Paradigm Update.exe*)
7. In the update window, select **Internal update server**.
8. Paste the server URL to the **URL** field.



URL pasted

9. Click **Check update**.
10. In the **Check updates** page, click **Perform update**.
11. Let the update program download and apply the changes for you.
12. Click **Finish**.

Downloading installer

Download product installer from the administrator page of Update Server.

Download installer

Learn how to download installer file from Update Server.

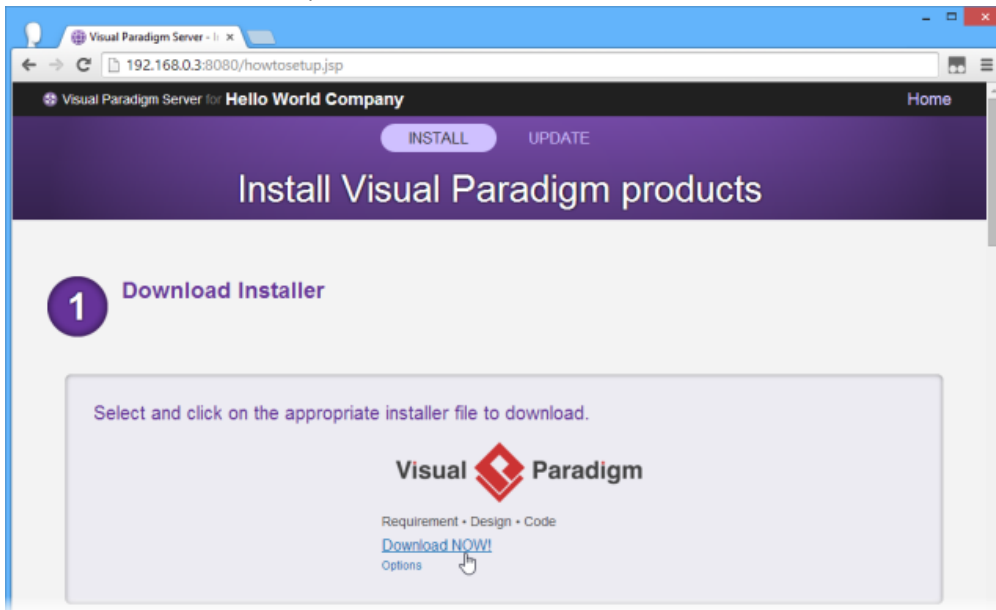
Download installer

1. Open your web browser and visit the URL of Update Server. For example, <http://192.168.0.3:8080/>. You should contact your server administrator for the URL.
2. In the login page, click on the link **How to set up**.



Clicking on How to set up

3. At the top of the page, open the **Update** page. Skip this step if you are already opening the **Update** page.
4. Click on the download link in step 1.



Download Visual Paradigm installer