



# What Is My IP

Another practical solution from “Practical Compliance Solutions, Corp.”.

Installation Guide for What Is My IP.

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**11/11/2014**

# What Is My IP Installation Guide

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# What Is My IP Installation Guide

## Table of Contents

<b>1. INTRODUCTION .....</b>	<b>4</b>
1.1. SYSTEM REQUIREMENTS .....	4
1.2. INSTALLING WHAT IS MY IP .....	5
1.3. TROUBLE SHOOTING: .....	14
1.4. REMOVING WHAT IS MY IP.....	16



# What Is My IP Installation Guide

## 1. Introduction

“What Is My IP” is a service that notifies you when your public IP address changes. If you do not own a public IP address, then your internet provider assigns you one via DHCP, (Dynamic Host Configuration Protocol). Sometimes we need to know our public IP address if we want to access our home network from someplace that is not home. People who set up VPN routers so they can access their home network while traveling, or gamers who need to open a port on their network for interactive play would certainly need to know their public IP address.

Companies like DYNDNS, or Duck DNS, or No IP, or yDNS, zonomi, or hopper, allow you to attach a DNS host name to your public IP address.

Some routers automatically update your dynamic IP address with your dynamic DNS provider so that when your public IP address changes, your DNS is up to date.

Sometime this does not work for various reasons.

Certain Verizon Routers have an entry in the router for Dynamic DNS, but it never updates it, almost like it is disabled.

“What is my IP” is a solution for those who are in this situation.

For example, you are away from home, but need to access something from your home computer. You connect to your VPN router and then access your home network. While you are connected, something triggers your ISP’s (Internet Service Provider) router to restart causing your external IP address to change. Now your Dynamic DNS is no longer pointing to your external IP address.

“What Is My IP” is a Windows service that runs on one or more of your home computers or servers. It checks your external IP address once per day or as frequently as once every 30 minutes. If your IP address changes, it sends an email or SMS to you. All of this is configurable.

As of this writing, the last time this happened to me was November 2, 2014. I suppose something needed to be reset for the transition of Day Light Savings Time to Standard Time.

So now you know what it is and why you might want it, Installing and configuring it is simple.

Download “What Is My IP” and double click it.

### 1.1. System Requirements

- 1) Internet Access
- 2) Windows XP, 7, 8, Windows Server 2003, 2008, 2012
- 3) Dot Net Framework 3.5

What Is my IP determines your external IP address by querying our web service. You can click any of these links to check your external IP address.

<http://www.whatismyip.com/>

<http://myexternalip.com/>



# What Is My IP Installation Guide

<http://mxtoolbox.com/WhatIsMyIP/>

<http://www.ipchicken.com/>

<http://whatismyipaddress.com/>

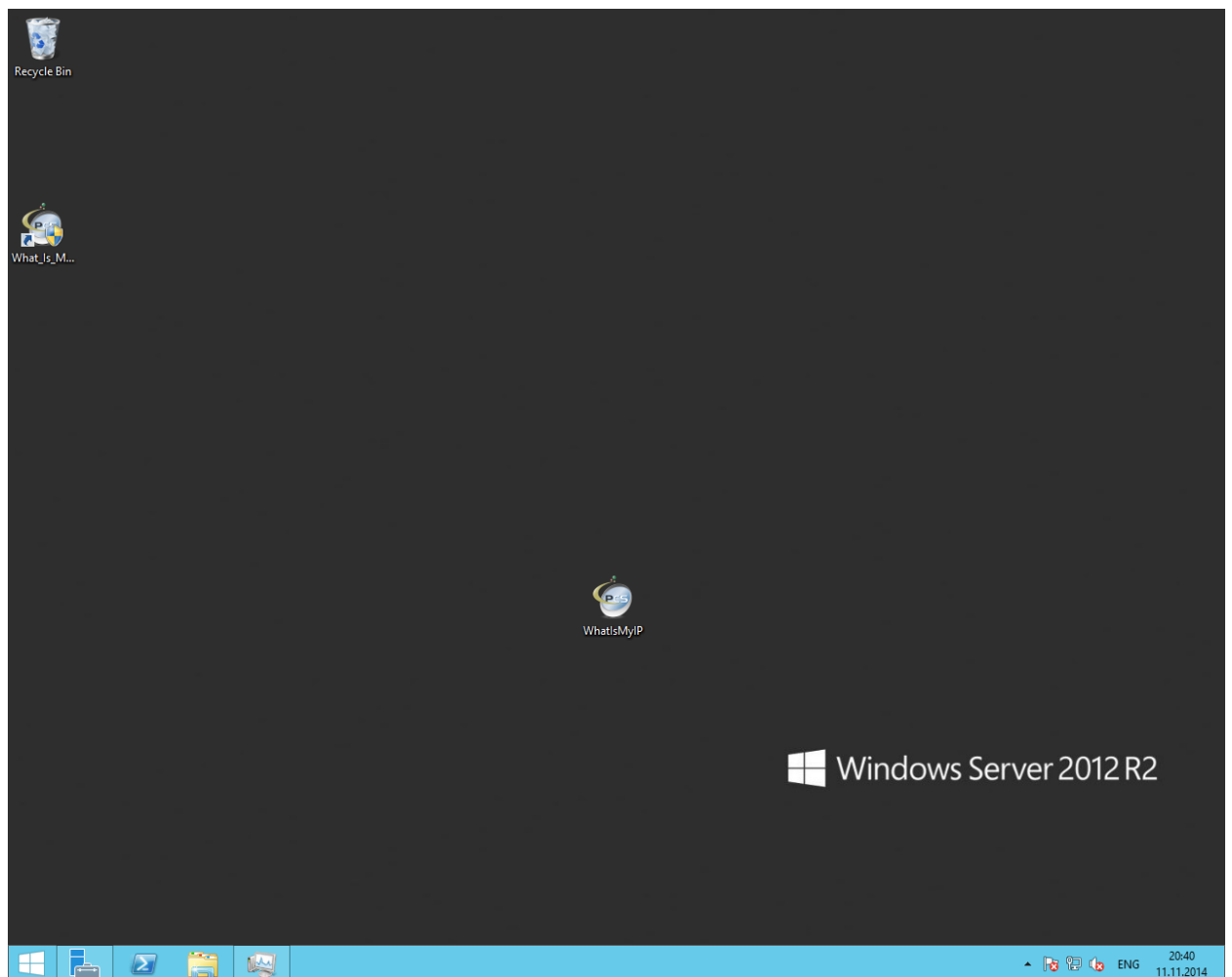
Just to show a few.

What Is My IP must have access to the internet to perform the query.

What Is My IP also needs to be able to send an email or SMS when your external IP Address changes, therefore your Internet Service Provider SMTP credentials are required. What Is My IP stores them in an encrypted configuration file on your computer. Your credentials are never transferred or compromised.

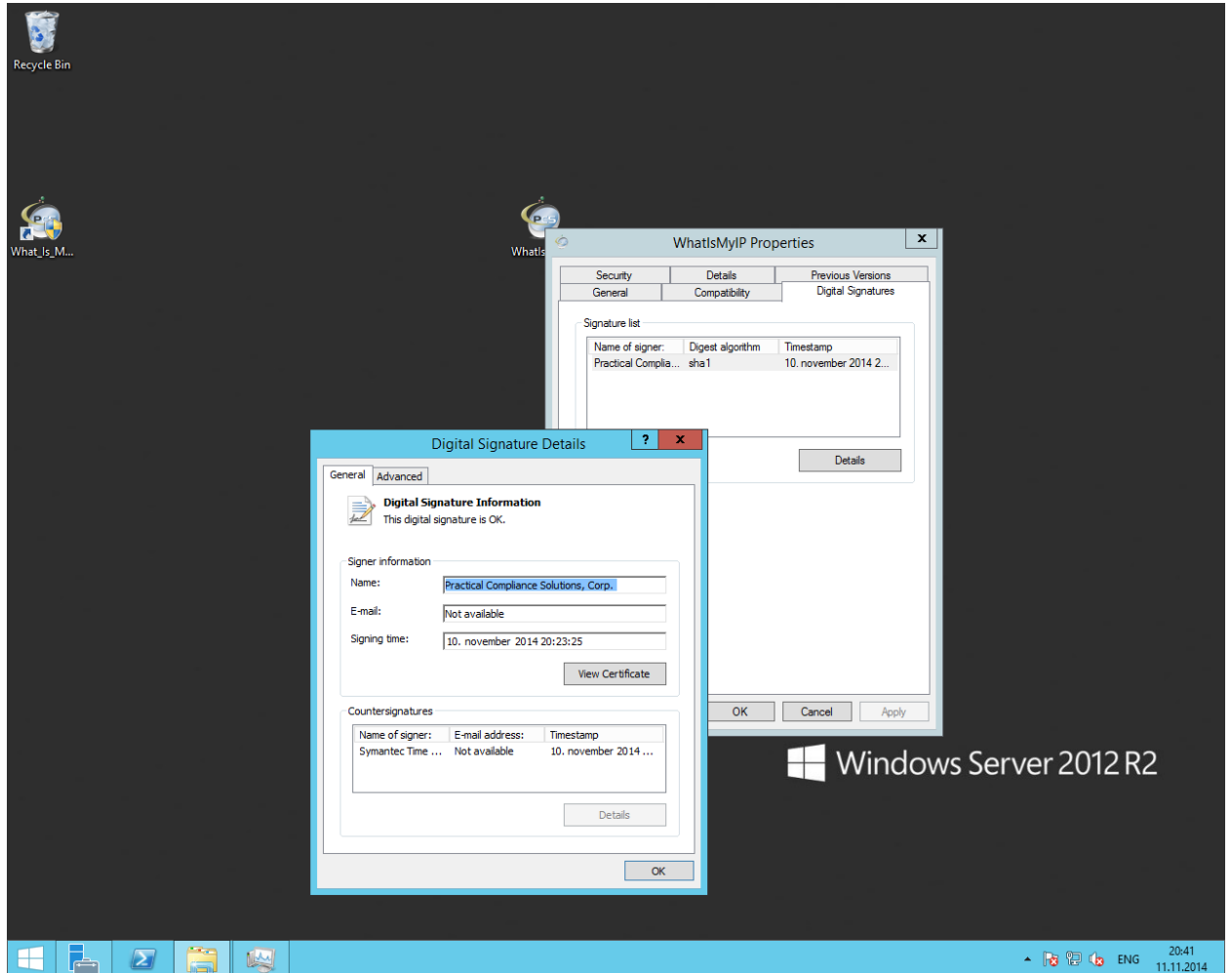
## 1.2. Installing What Is My IP

Double Click "WhatIsMyIP.EXE"



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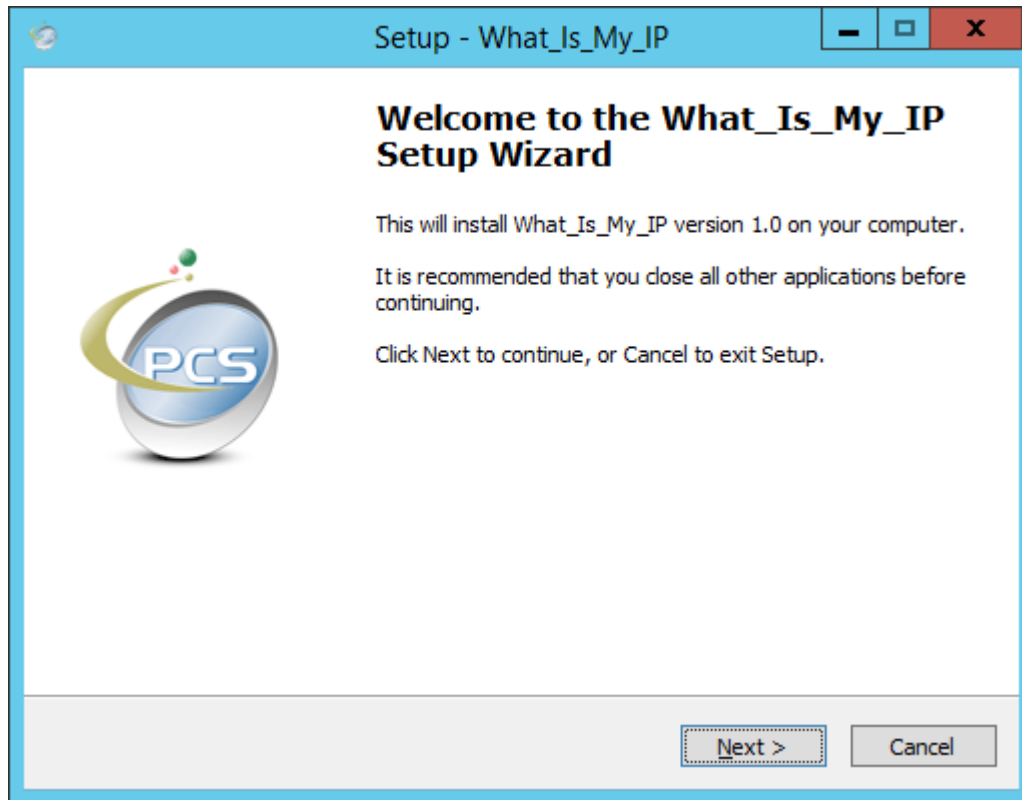
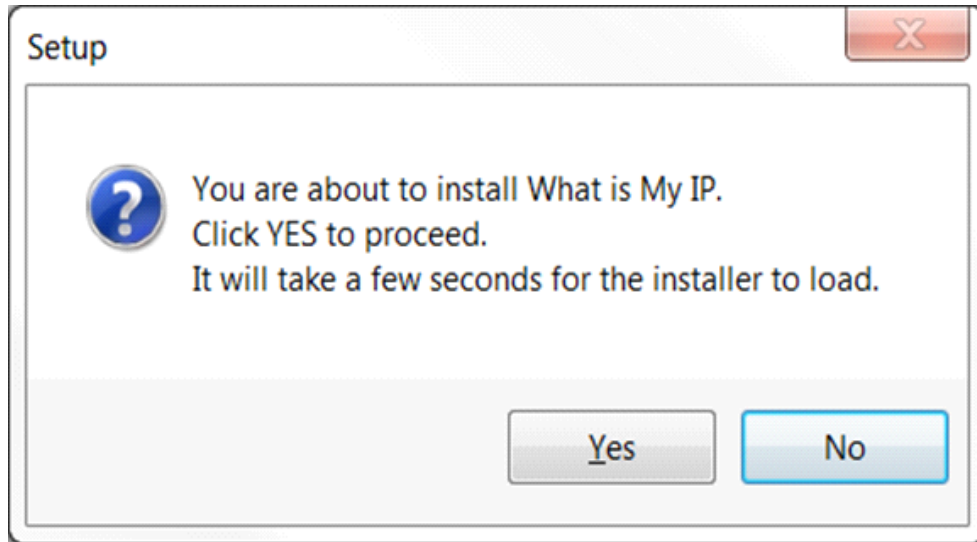
You will note that it is digitally signed by PCS. If the Digital Signature is not intact, please contact us and DO NOT install it.



When you double click WhatIsMyIP.exe you will be presented with this message. Click yes to proceed.



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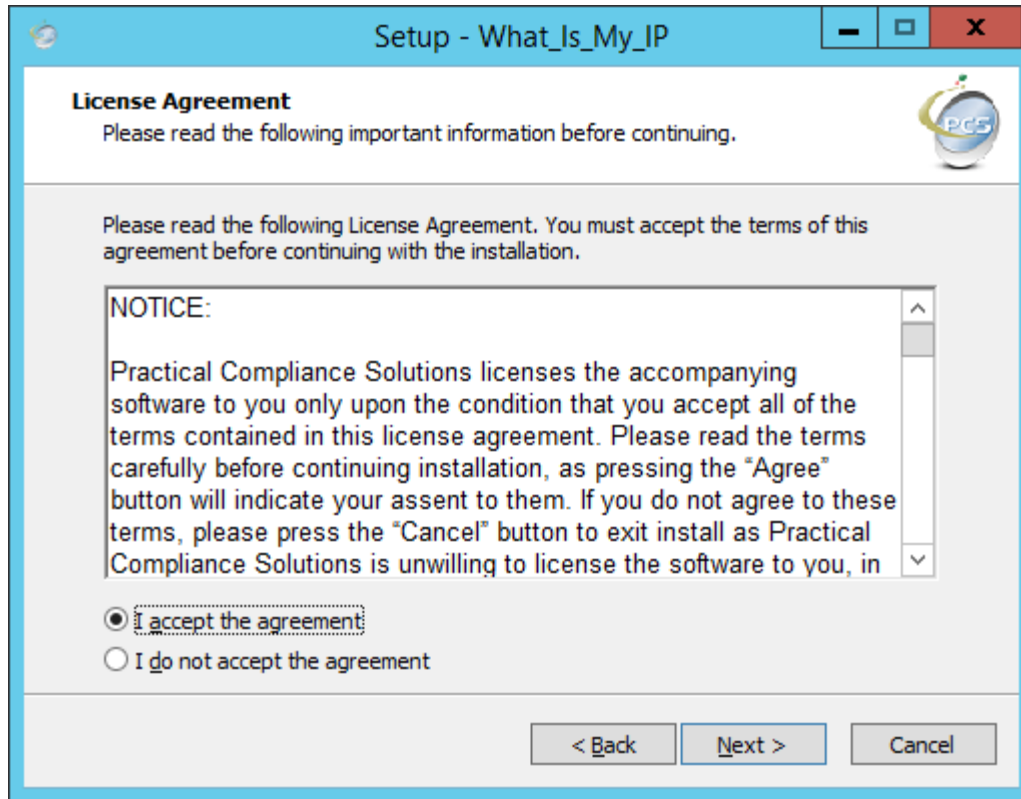


Click next all the way through

You will need to accept the End User License Agreement.



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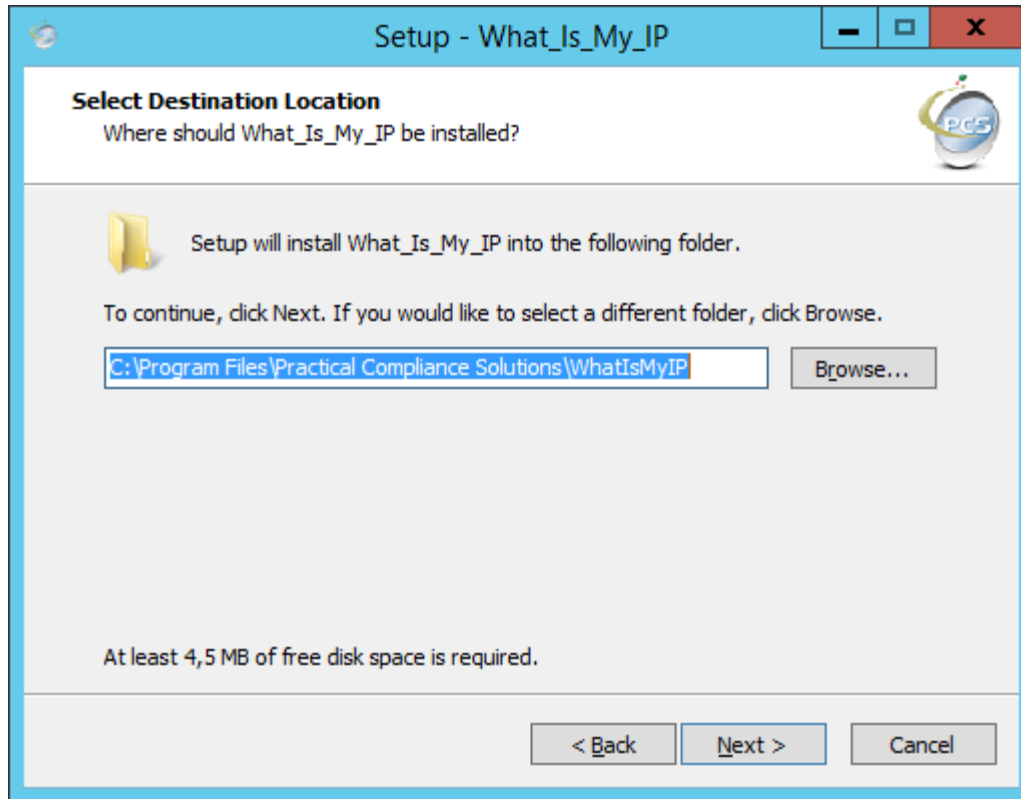


You can change the installation path if you choose.





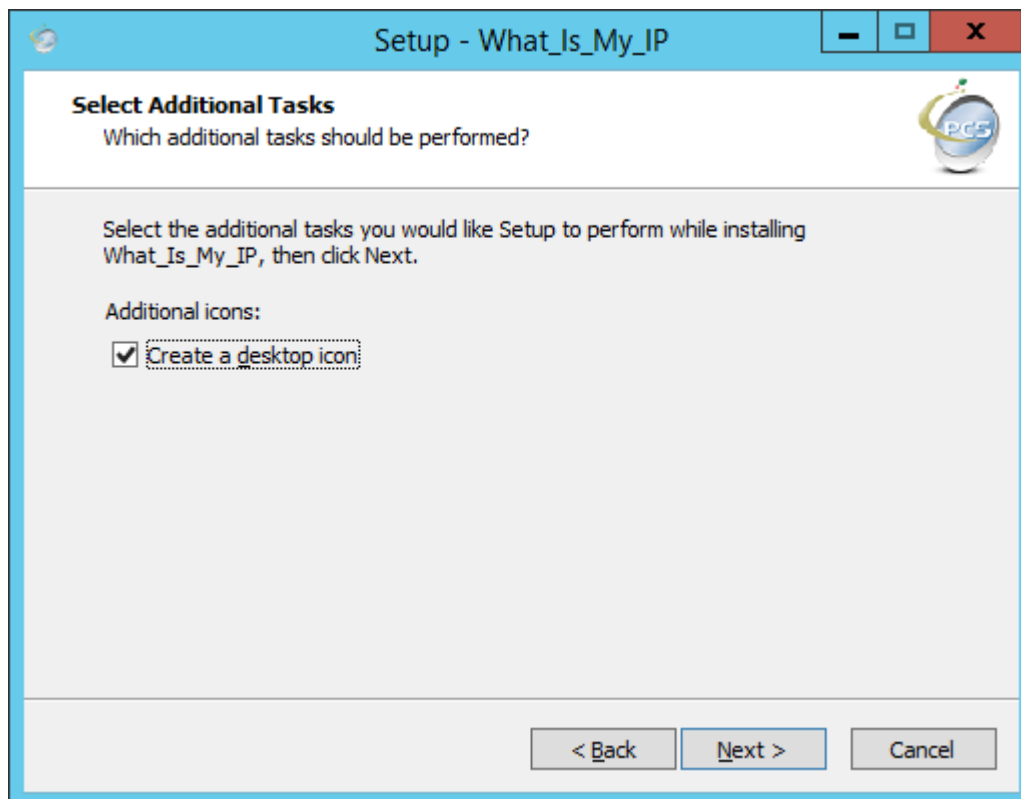
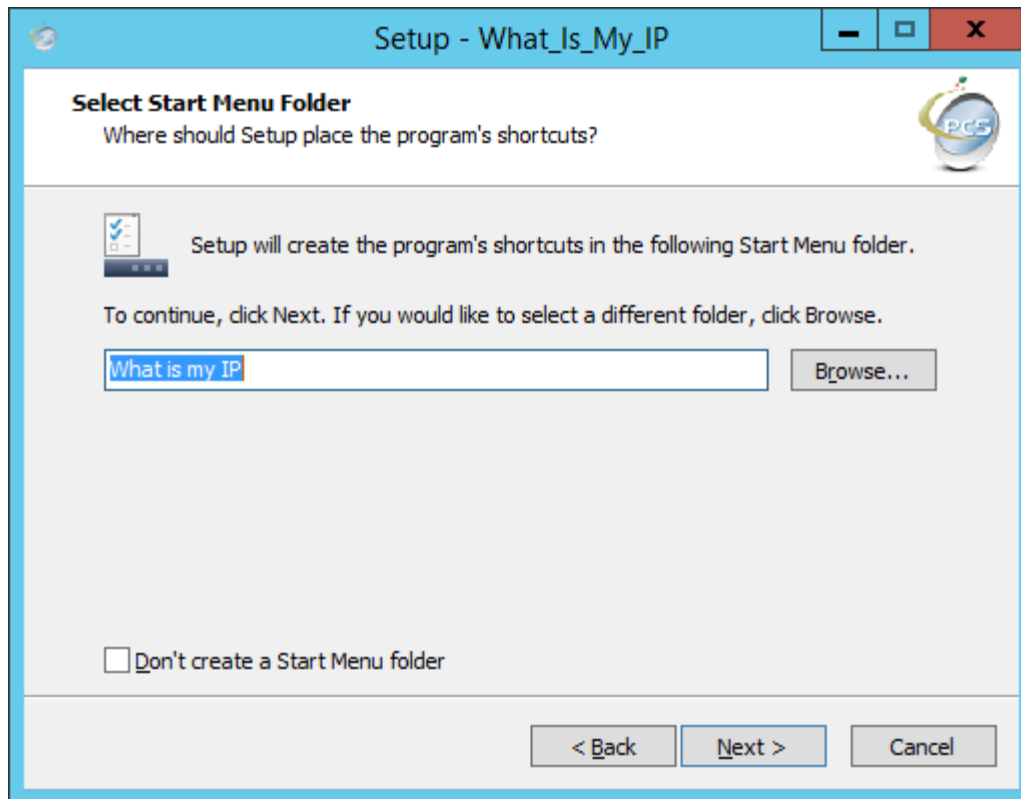
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Check the boxes according to whether you want ICONs created or not.

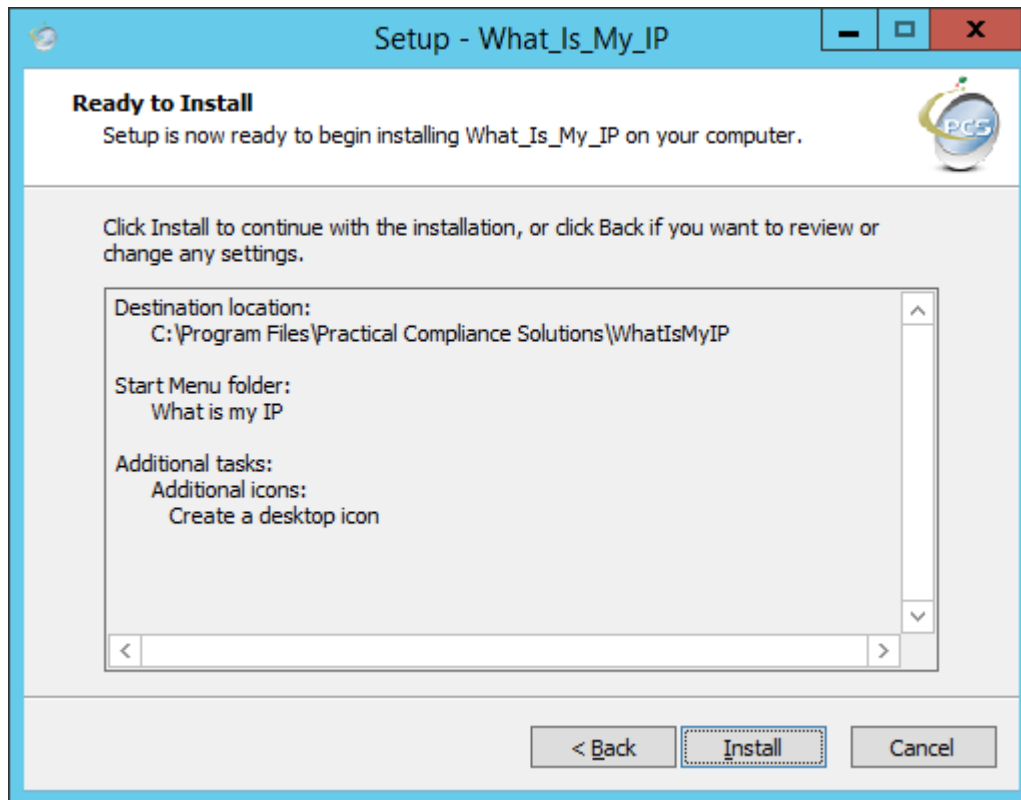


# What Is My IP Installation Guide

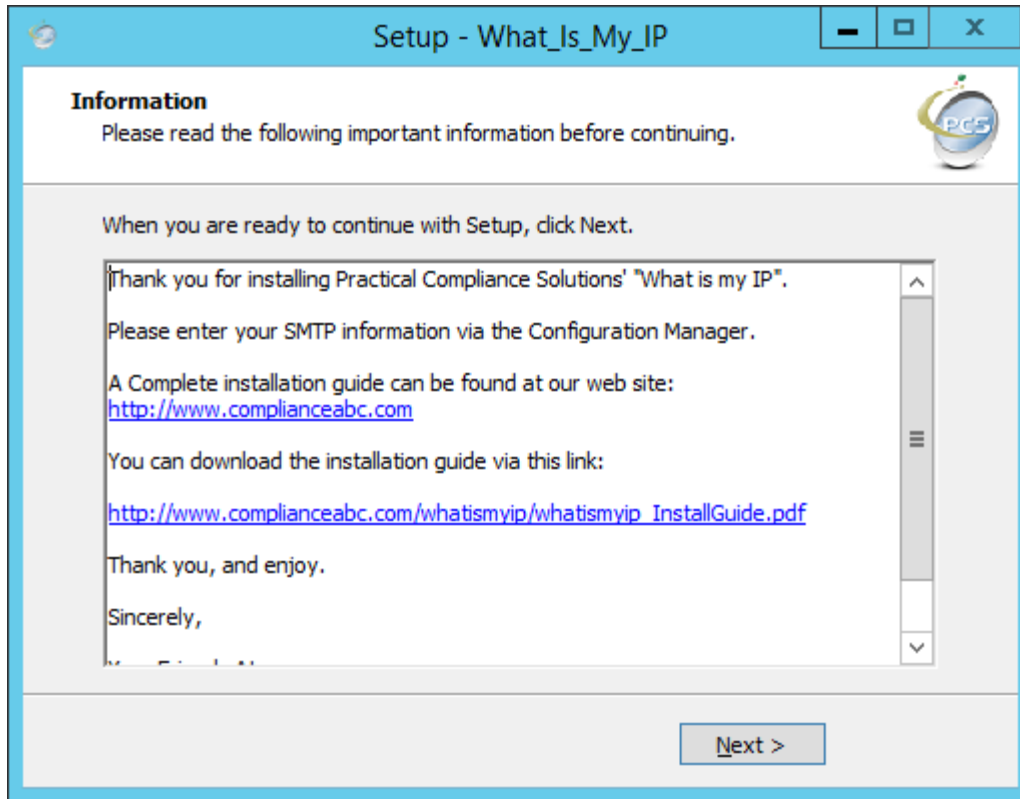


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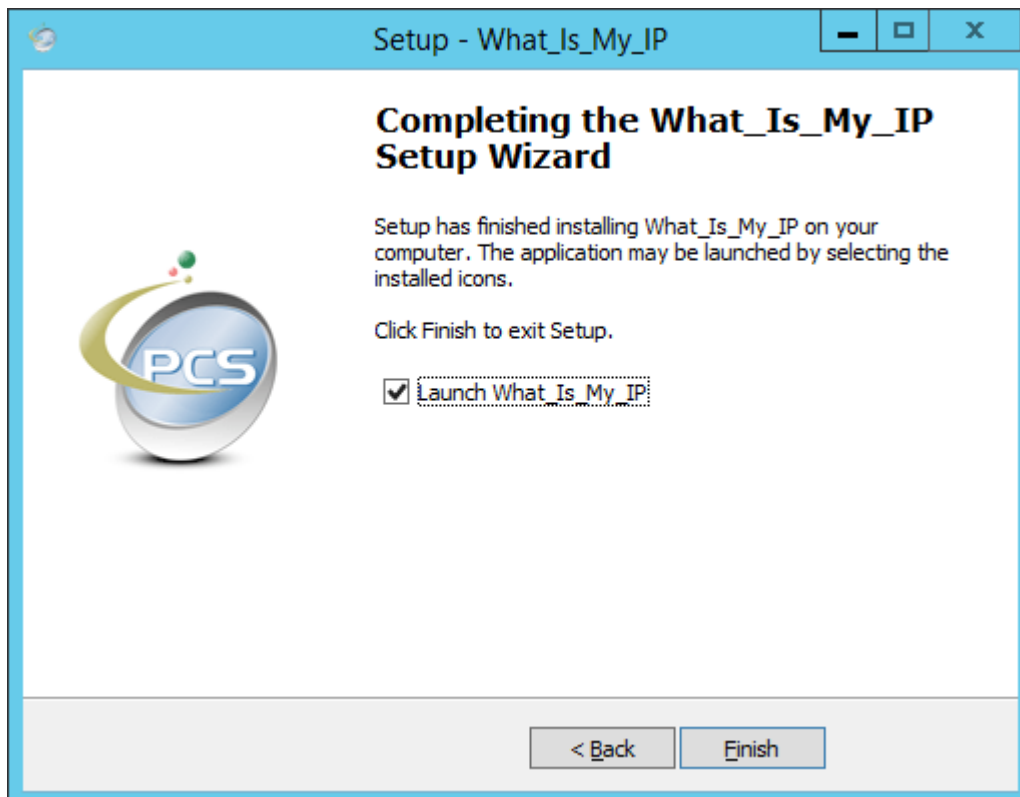
Click Next to install



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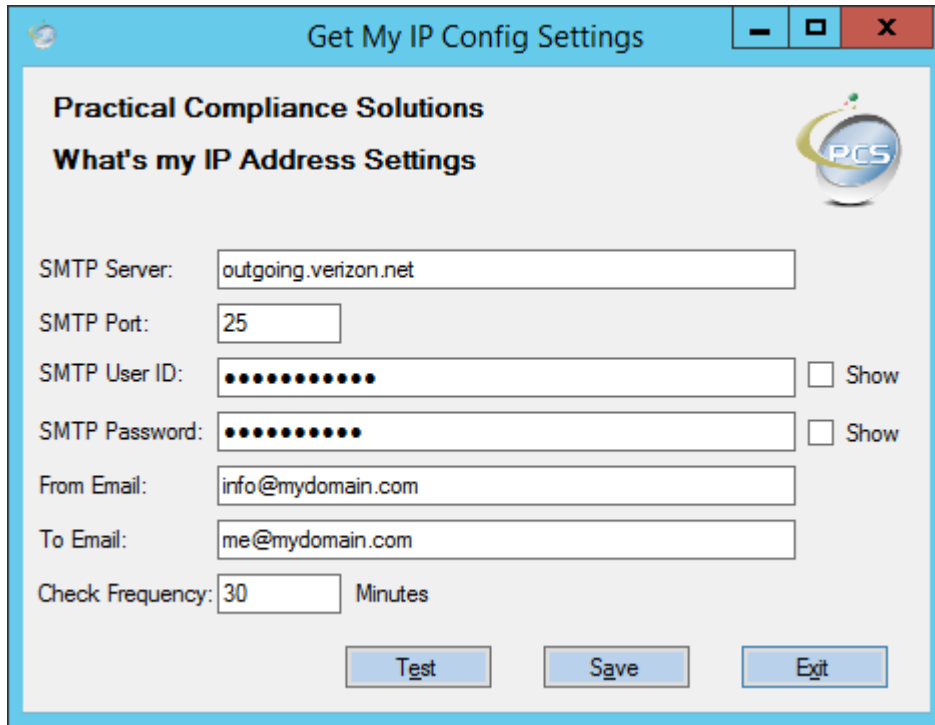


What is my IP can be automatically launched from the installation from the last screen.



# What Is My IP Installation Guide

The SMTP User ID and Password is encrypted in the configuration file.

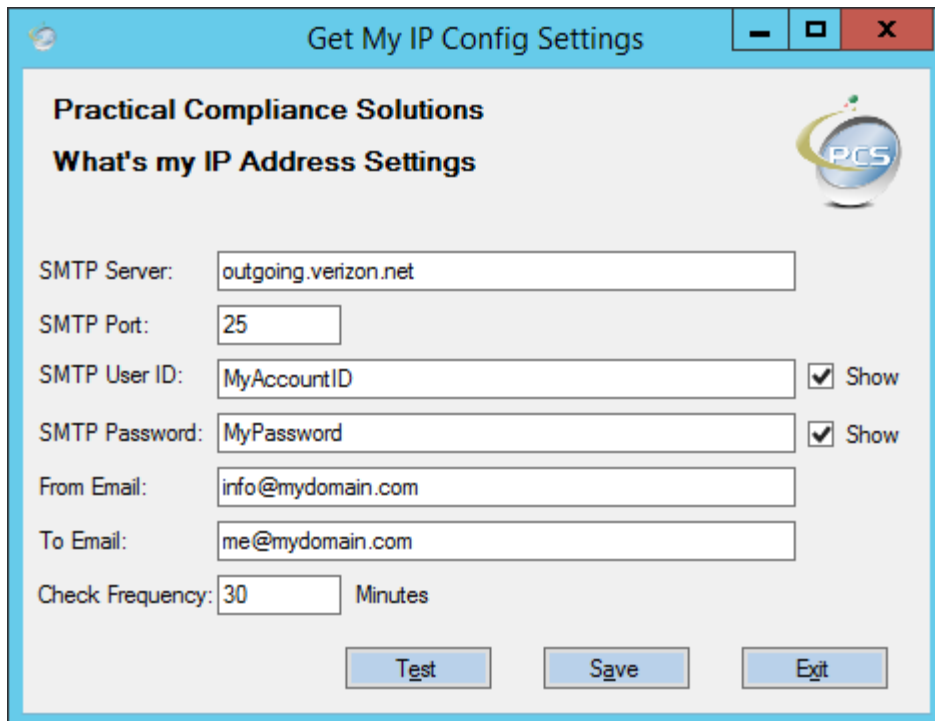


The screenshot shows a window titled "Get My IP Config Settings" with a blue header. Below the header, it says "Practical Compliance Solutions" and "What's my IP Address Settings" next to a PCS logo. The configuration fields are as follows:

- SMTP Server: outgoing.verizon.net
- SMTP Port: 25
- SMTP User ID: [Masked with 10 dots]  Show
- SMTP Password: [Masked with 10 dots]  Show
- From Email: info@mydomain.com
- To Email: me@mydomain.com
- Check Frequency: 30 Minutes

At the bottom, there are three buttons: "Test", "Save", and "Exit".

The from email should resemble something like [admin@yourdomain.com](mailto:admin@yourdomain.com) or [youemail@gmail.com](mailto:youemail@gmail.com)



This screenshot is identical to the one above, but the "Show" checkboxes for the SMTP User ID and Password fields are checked, revealing the text "MyAccountID" and "MyPassword" respectively.

- SMTP Server: outgoing.verizon.net
- SMTP Port: 25
- SMTP User ID: MyAccountID  Show
- SMTP Password: MyPassword  Show
- From Email: info@mydomain.com
- To Email: me@mydomain.com
- Check Frequency: 30 Minutes

At the bottom, there are three buttons: "Test", "Save", and "Exit".



# What Is My IP Installation Guide

You can enter up to two email addresses for the TO Email separated by a semi colon such as [myemail@gmail.com](mailto:myemail@gmail.com) ; [2015551212@vtext.com](mailto:2015551212@vtext.com)

In this example an email and a text message will be sent when the external IP address changes..

Fill out the SMTP Server information. If you have an SMTP Server installed that is set up as anonymous, then just supply the SMTP Server without credentials, otherwise enter your ISP's SMTP server the same way you would enter it if you were setting up a Microsoft Outlook mailbox.

le: mail.mydomain.com, or outgoing.verizon.net, or mail.optonline.net

The SMTP Port will also be necessary. The default is 25

After filling out all of the data, you can click test and a test email will be sent to the To Address from the From Address.

Clicking the Save button, saves the values to the configuration and starts the service.

Look at the log file to verify that your external IP Address is properly recorded.

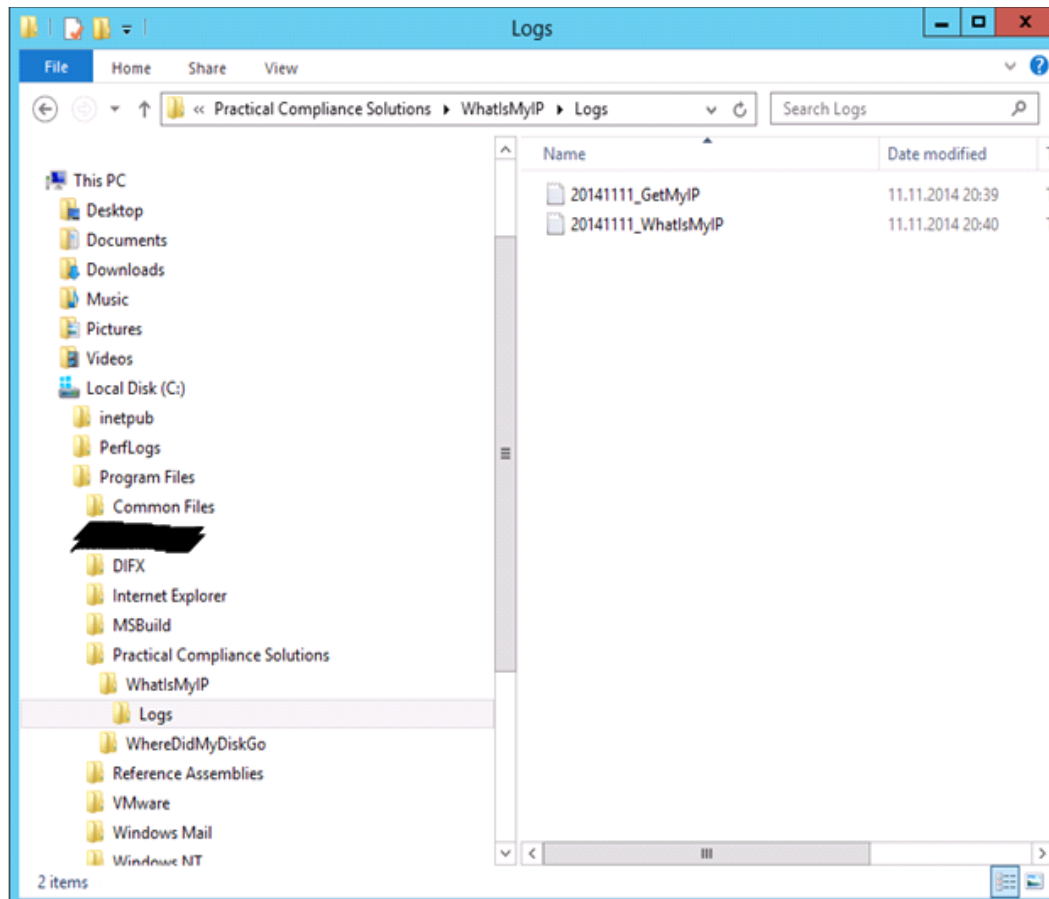
You will receive an email and or text message when your external IP Address changes.

## 1.3. Trouble Shooting:

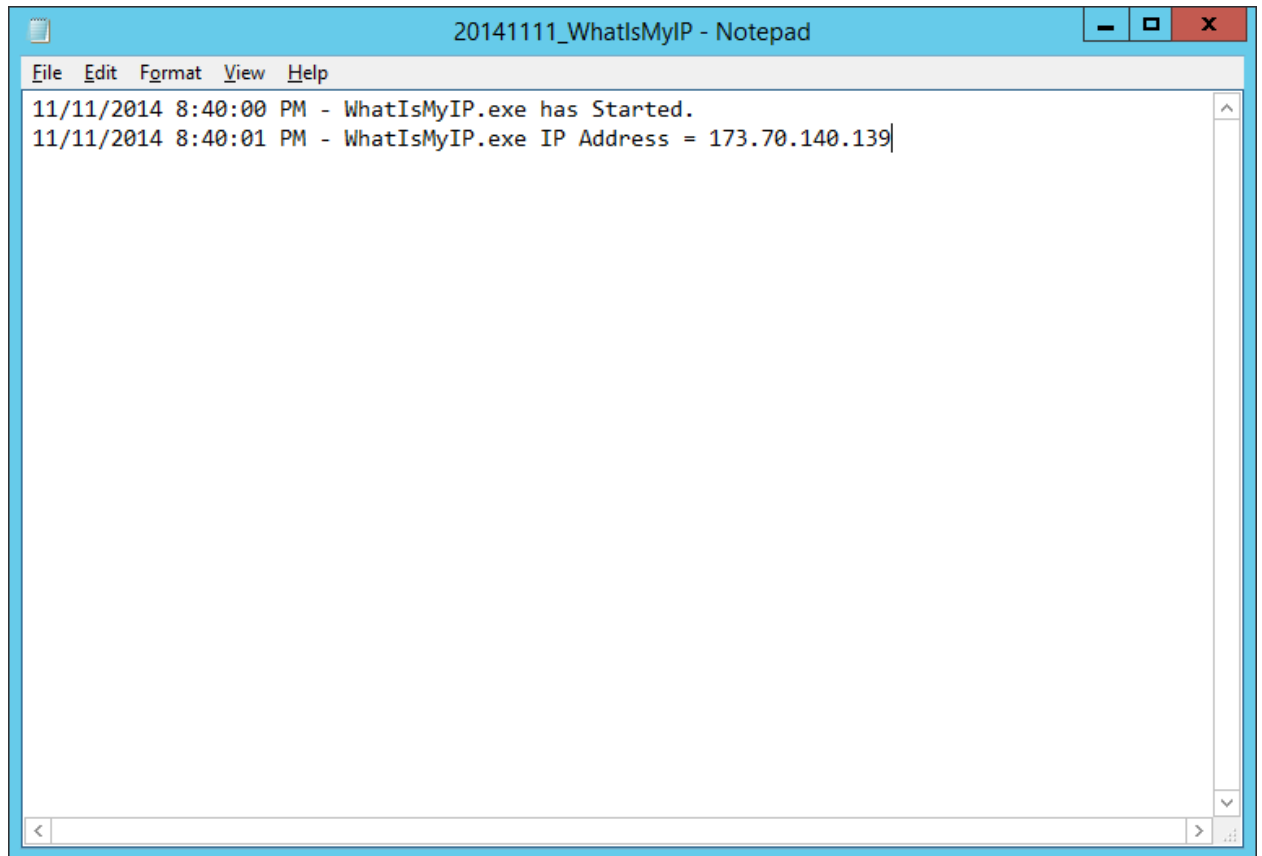
If something does not seem to work initially, everything you need to know will be in the log files.



# What Is My IP Installation Guide



# What Is My IP Installation Guide



```
20141111_WhatIsMyIP - Notepad
File Edit Format View Help
11/11/2014 8:40:00 PM - WhatIsMyIP.exe has Started.
11/11/2014 8:40:01 PM - WhatIsMyIP.exe IP Address = 173.70.140.139|
```

Using invalid credentials, we generated this error just as an example.

```
11.11.2014 20:38:05 - Running Program: C:\Program Files\Practical Compliance
Solutions\WhatIsMyIP\WhatIsMyIP.exe - ARGS:
11.11.2014 20:39:26 - - An error occurred in Module: GetMyIPConfig.exe.sSendEmail -
System.Net.Mail.SmtpException: Failure sending mail. ---> System.Net.WebException: Unable
to connect to the remote server ---> System.Net.Sockets.SocketException: No connection could
be made because the target machine actively refused it xxx.xxx.xxx.xxx
  at System.Net.Sockets.Socket.DoConnect(EndPoint endPointSnapshot, SocketAddress
socketAddress)
  at System.Net.ServicePoint.ConnectSocketInternal(Boolean connectFailure, Socket s4,
Socket s6, Socket& socket, IPAddress& address, ConnectSocketState state, IAsyncResult
asyncResult, Int32 timeout, Exception& exception)
```

## 1.4. Removing What Is My IP

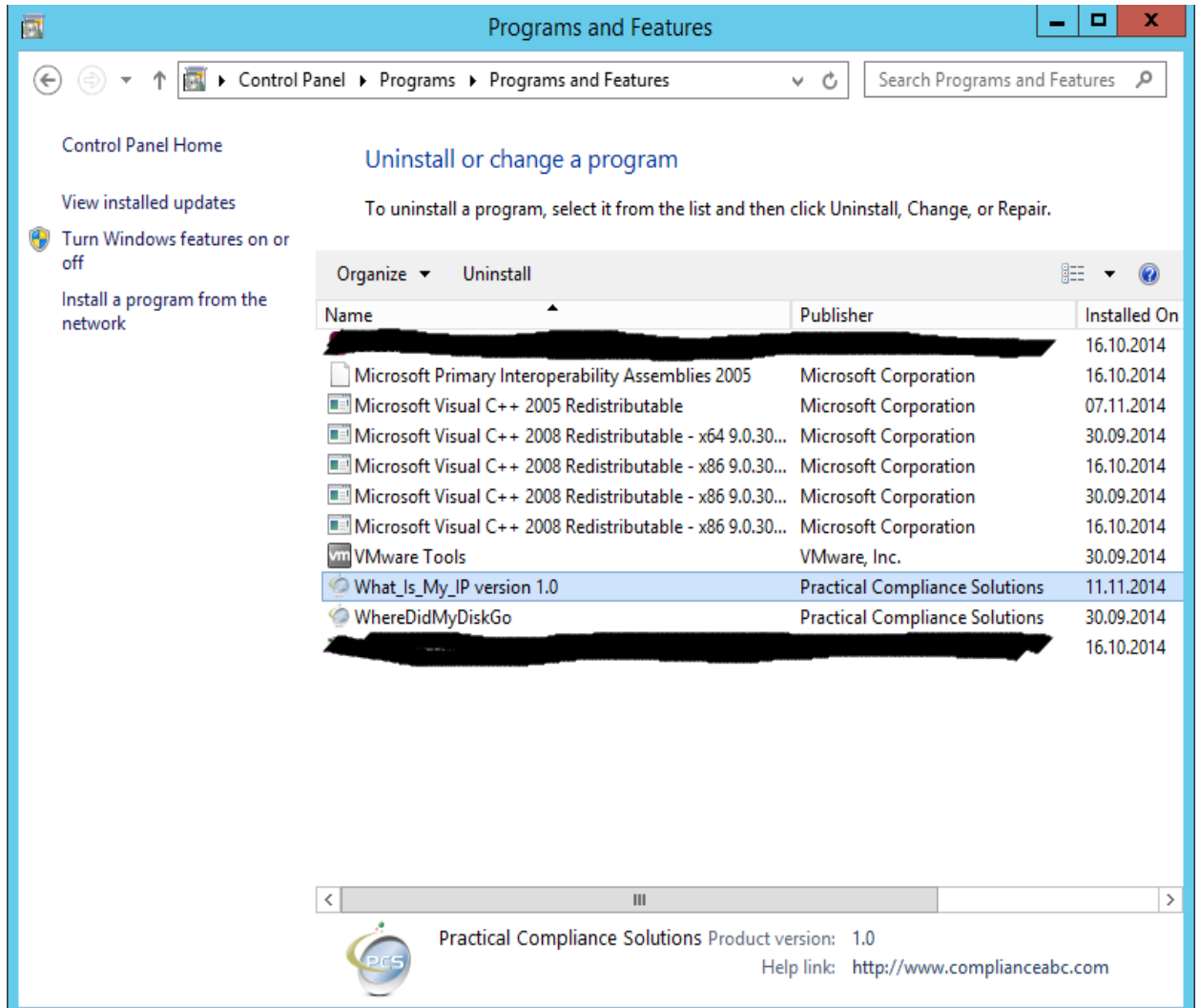
Open Control Panel and select “Add Remove Programs” or “Programs and Features”

Find What\_Is\_My\_IP, select it and remove it.

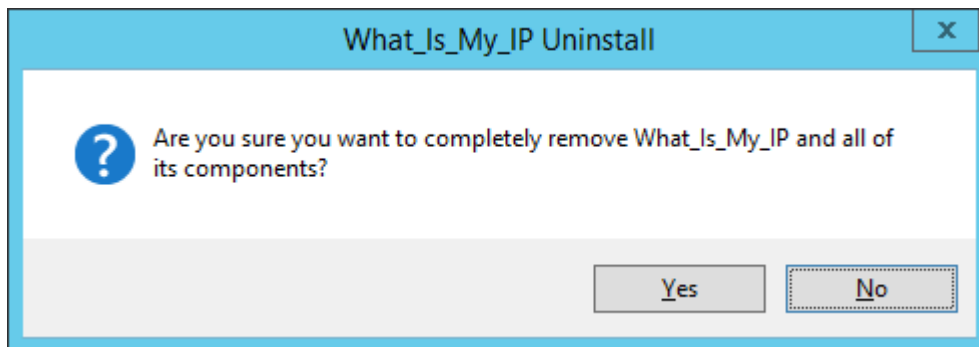




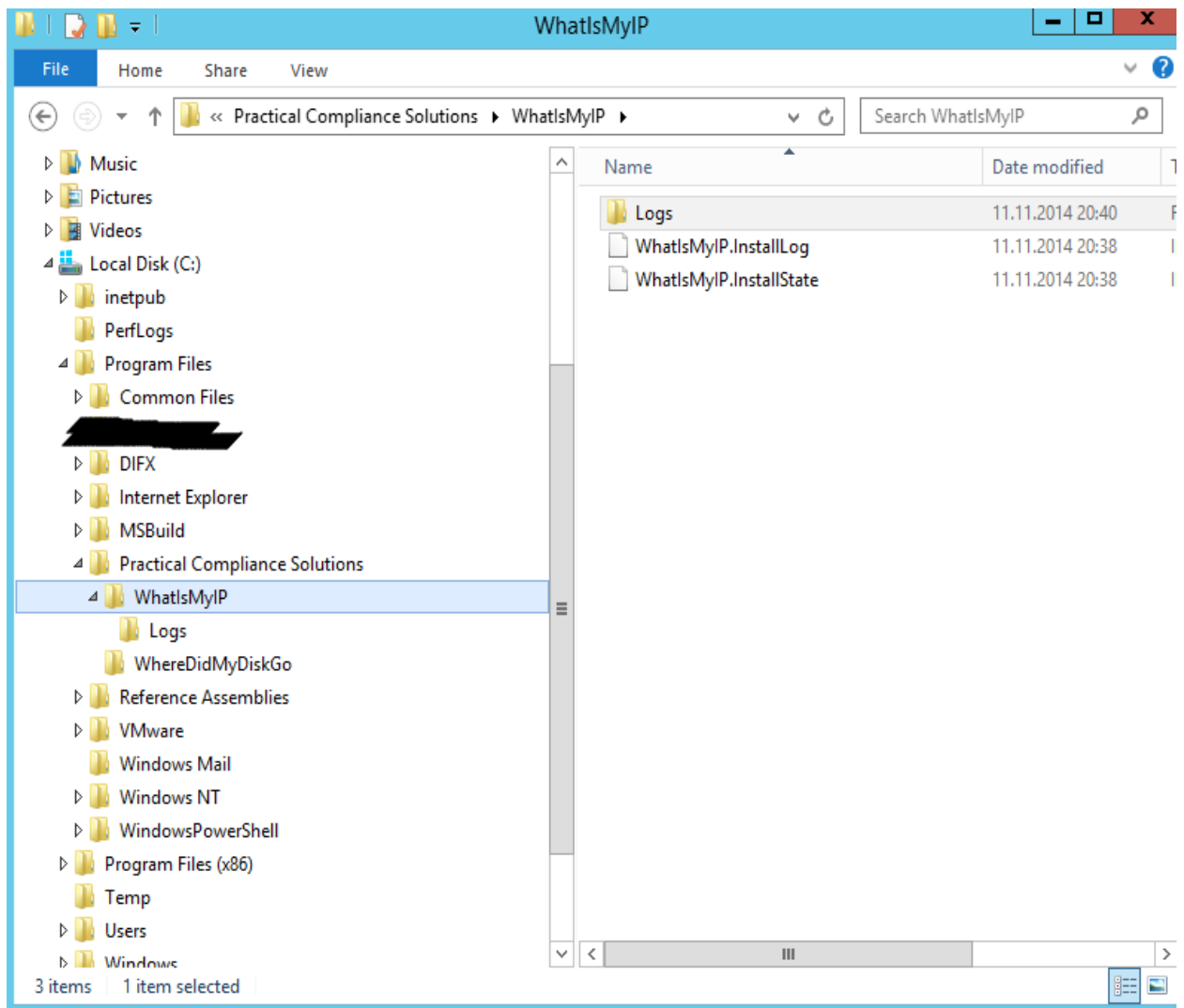
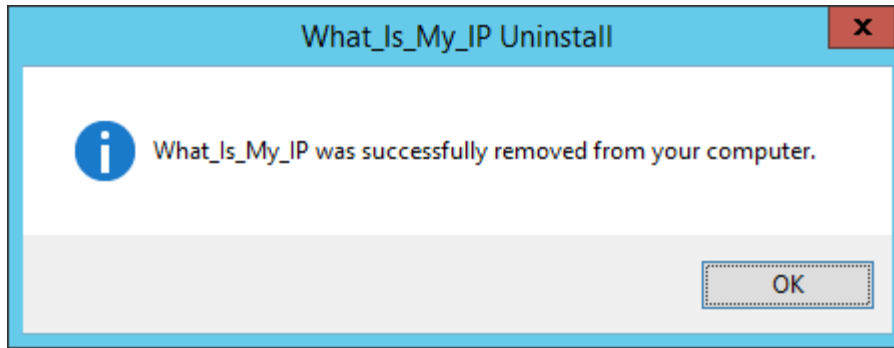
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Answer YES



# What Is My IP Installation Guide



You can then delete the directory manually. The uninstall process always leaves behind the logs. Also if the shortcut is left behind you can delete it as well.

