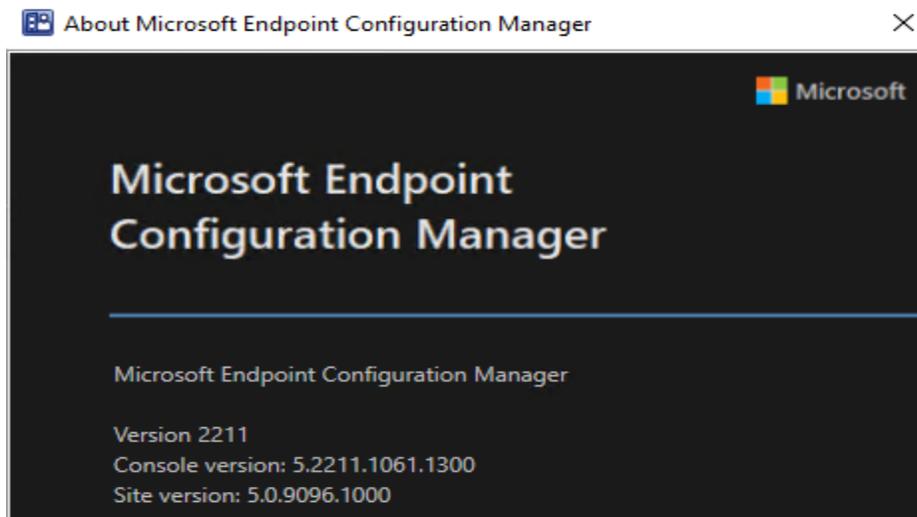
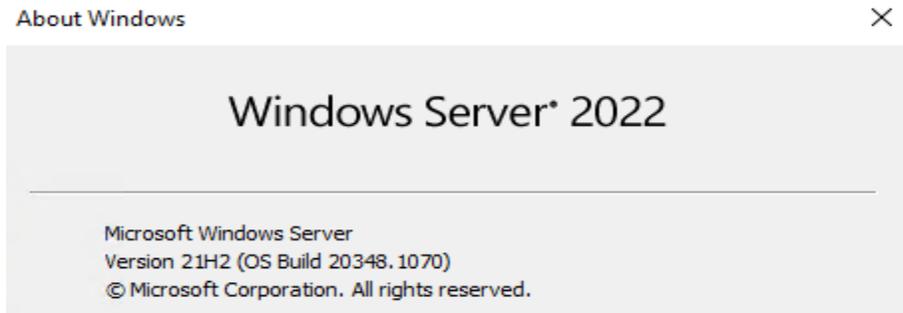


# How to setup PatchMyPC for Current Branch (Configuration Manager)

In this post, I am going to setup PatchMyPC on CB2211 running Windows Server 2022.



Hardware / Software requirements – They are pretty simple. Here it is...

## **Hardware: #**

The Publisher is a lightweight Windows application with a GUI frontend and a Windows service backend. The hardware requirements can be found below.

- CPU: 2 CPU or more
- Memory: 8GB of RAM or more
- Disk Space: 80GB of disk space or more
  - The amount of disk space required will depend on the number of selected products.

## **Software:**

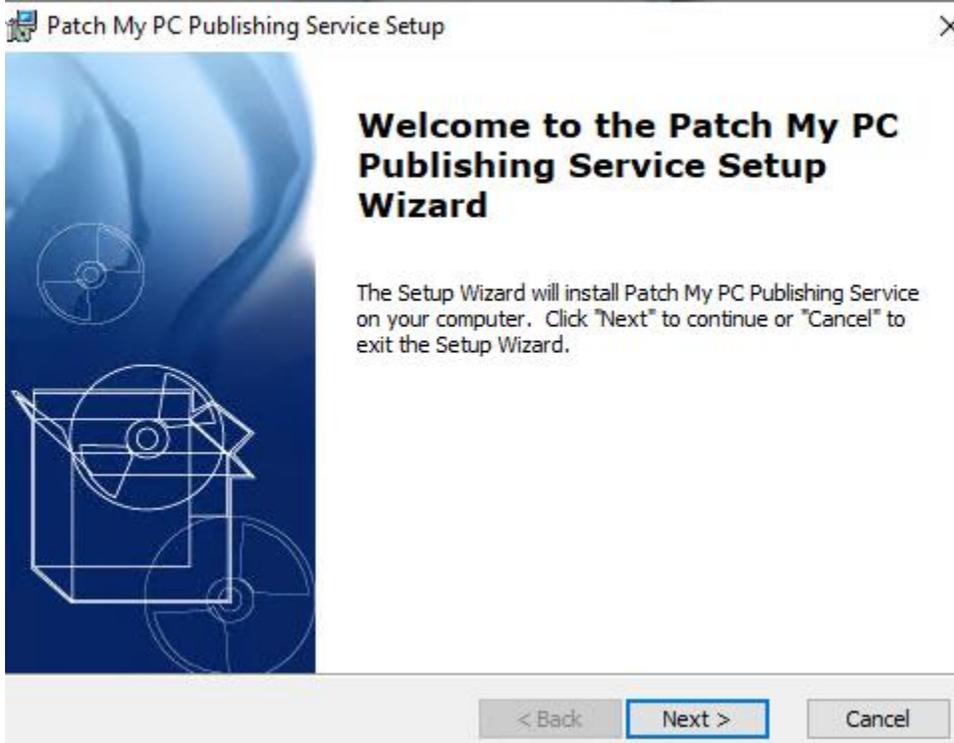
- Microsoft .NET Framework 4.6.2
- Internet Connection
  - [List of Domains Used for Downloads](#)
- Install the Publisher on top-most WSUS/Software Update Point in the environment
- Appropriate disk space depending on the number of products enabled
- Install the Configuration Manager console
- Supported Operating Systems
  - Windows Server 2012, Windows Server 2016, Windows Server 2019, Windows Server 2022
  - Windows Server Update Services (WSUS) installed and configured

You can download PatchMyPC MSI from here <https://patchmypc.com/msi>

Today (1)

 PatchMyPC-Publishing-Service.msi	02-Apr-2023 9:14 AM	Windows Installer ...	10,478 KB
--------------------------------------------------------------------------------------------------------------------	---------------------	-----------------------	-----------

**Installation** – Start the install by running the MSI

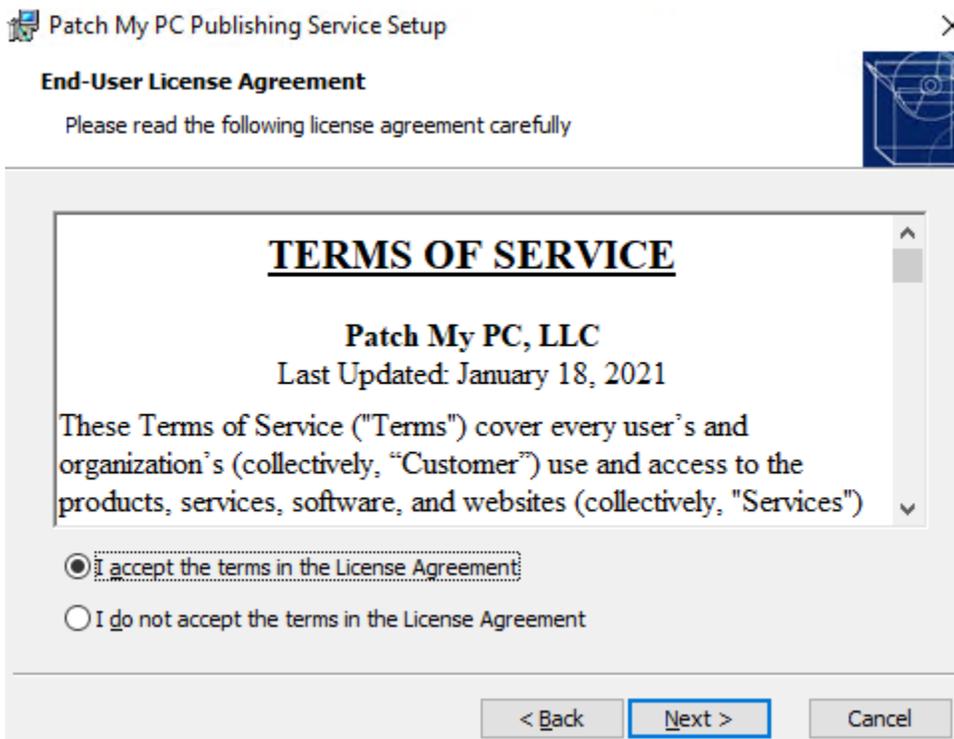


Patch My PC Publishing Service Setup

## Welcome to the Patch My PC Publishing Service Setup Wizard

The Setup Wizard will install Patch My PC Publishing Service on your computer. Click "Next" to continue or "Cancel" to exit the Setup Wizard.

< Back   Next >   Cancel



Patch My PC Publishing Service Setup

### End-User License Agreement

Please read the following license agreement carefully

**TERMS OF SERVICE**

**Patch My PC, LLC**  
Last Updated: January 18, 2021

These Terms of Service ("Terms") cover every user's and organization's (collectively, "Customer") use and access to the products, services, software, and websites (collectively, "Services")

I accept the terms in the License Agreement

I do not accept the terms in the License Agreement

< Back   Next >   Cancel



### Enable Intune Standalone Mode?

Optionally, you enable only Microsoft Intune publishing.



For Intune only customers, you can disable the components and prerequisite checks related to WSUS and Configuration Manager.

Enable Microsoft Intune standalone mode

Note: you can re-enable Configuration Manager and WSUS at any time in the Advanced options.

< Back

Next >

Cancel



### Select Installation Folder

This is the folder where Patch My PC Publishing Service will be installed.



To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".

Folder:

C:\Program Files\Patch My PC\Patch My PC Publishing Service\

Browse...

< Back

Next >

Cancel



### Ready to Install

The Setup Wizard is ready to begin the Patch My PC Publishing Service installation

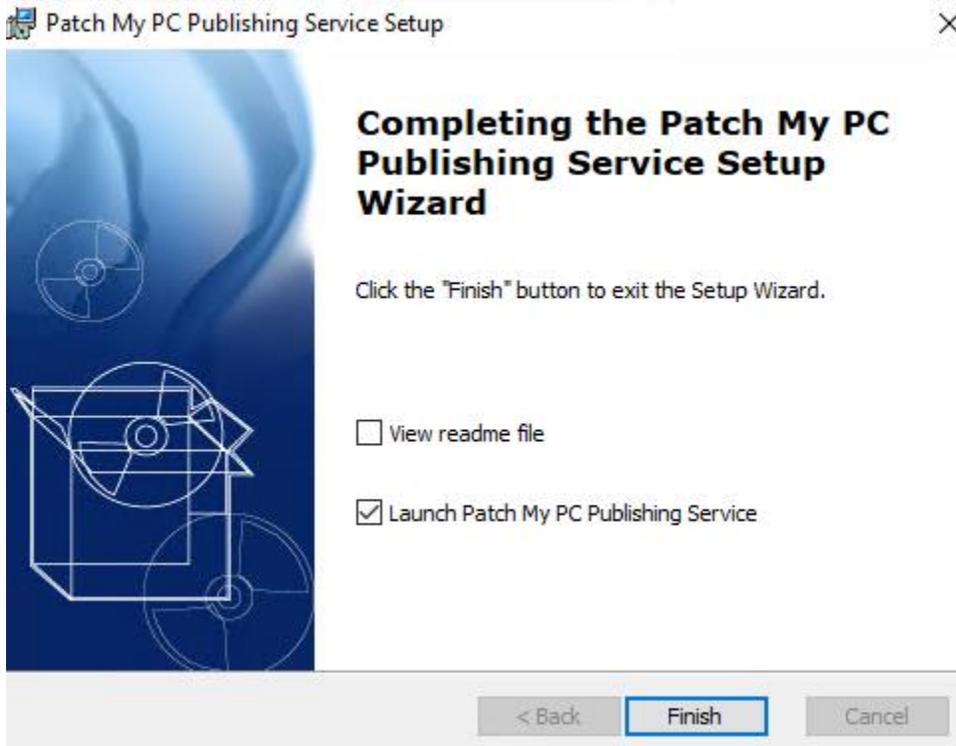


Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.

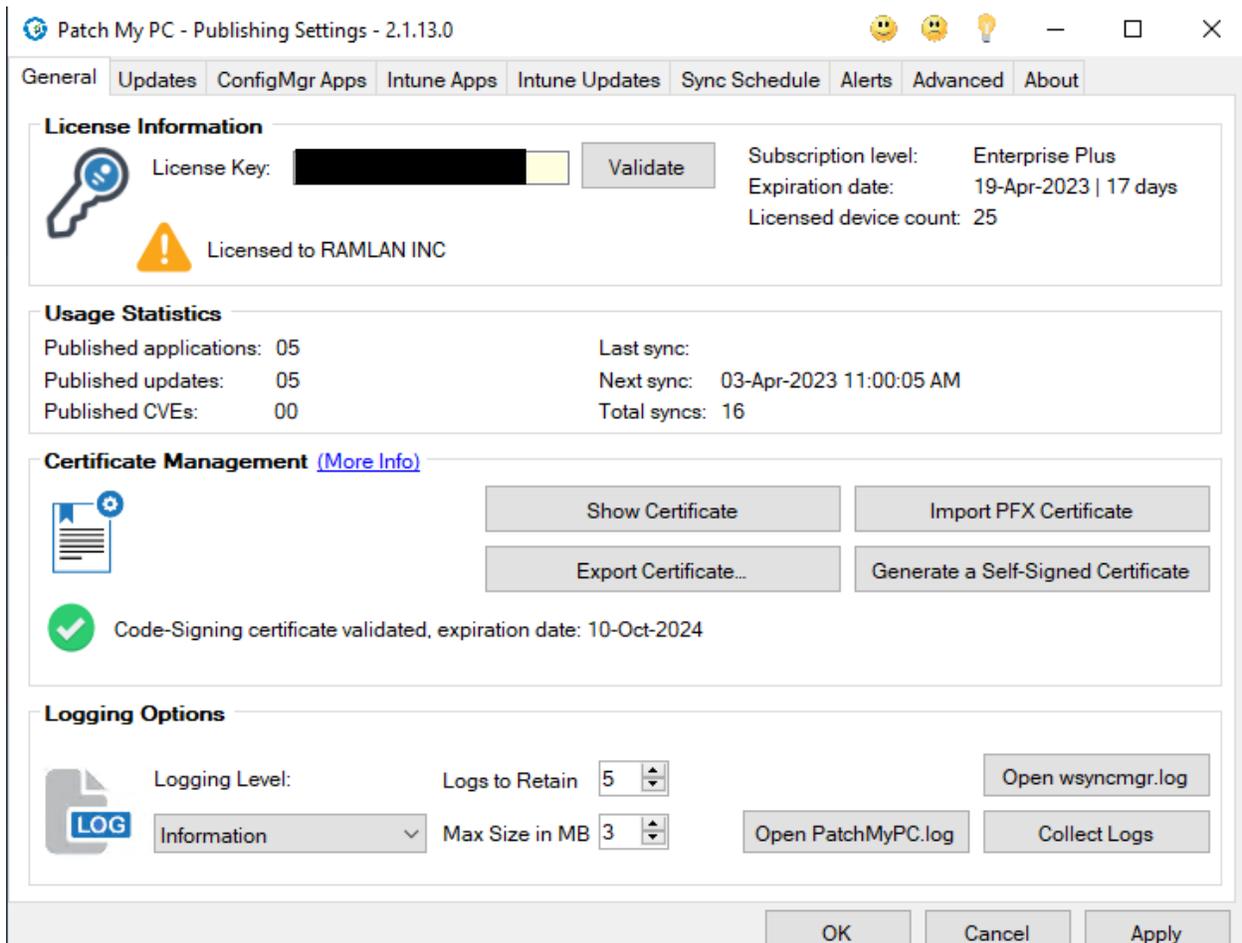
< Back

Install

Cancel



**Licensing** - When you launch PatchMyPC you will be asked to complete licensing information. I am using Trial version which is valid for 30 days.



**Content Repository** – Since we are running Windows Server 2022 we can ignore below error. Content Repository is already configured for us based on the install.

Please, review your settings... X

 Some settings are incorrect or missing. Click Cancel to correct them, or Ok to save them anyway.

- The license key format has not been validated. [General]
- Please verify the local content repository path. [Advanced]
- You have selected a product that requires a manual download due to vendor licensing. Please set the Local Content Repository path in the Advanced tab.
  - Oracle Java 8 (x64)
  - Oracle Java 8 (x86)
  - Oracle Java 8 (x64)
  - Oracle Java SE Development Kit 8 (x64)
  - Oracle Java SE Development Kit 8 (x86)

OK Cancel

Patch My PC - Publishing Settings - 2.1.13.0 😊 😞 💡 - □ X

General Updates ConfigMgr Apps Intune Apps Intune Updates Sync Schedule Alerts **Advanced** About

**Proxy Settings**

  Don't use proxy  
 Use proxy settings below:

URL:

Use Authentication Port:

Login:  Password:

**Local Content Repository** ([More Info](#))

Some products require manual download. You will need to download the newest update to the local content repository for these products manually. The local content repository can also be a fallback for download failures and hash mismatches.

Local Content Path:  Browse...

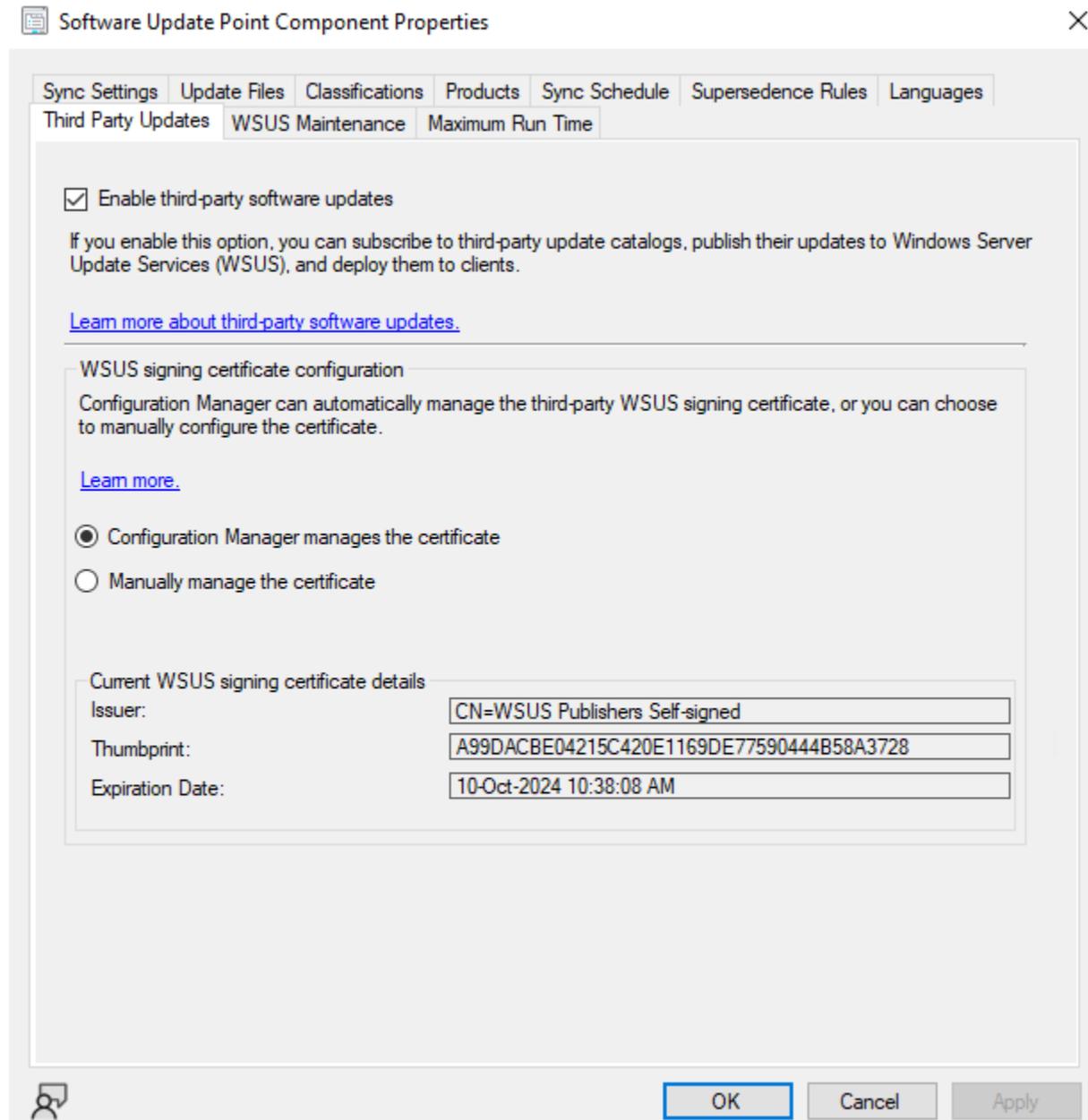
[Set to default](#)  Delete the update file in the local repository after publishing

Check the local content repository for content files before attempting to download content files from the internet.

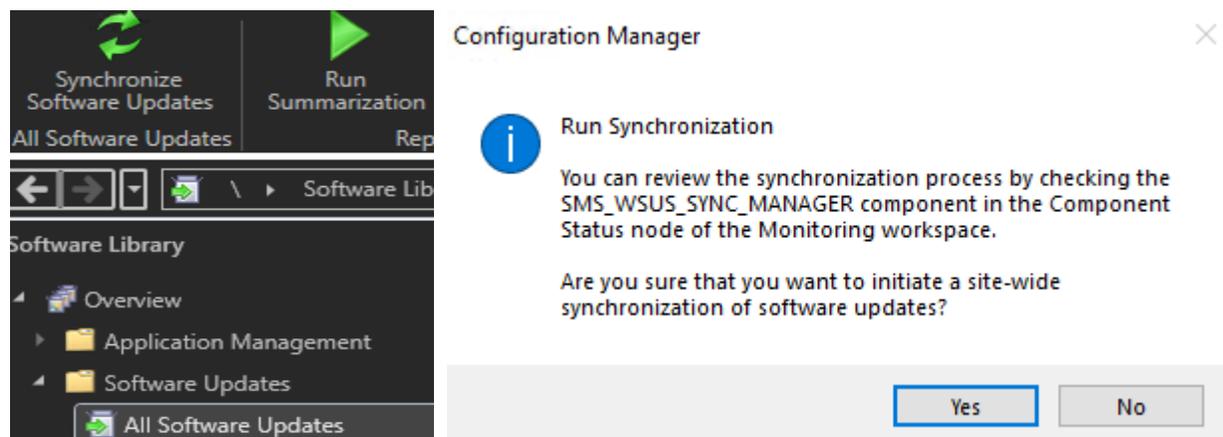
**Certificate – Self Signed** - When working with a Configuration Manager or WSUS implementation, proper certificate configuration is crucial. One way Microsoft helps ensure an update is considered secure and from a trusted source is through the utilization of a code signing certificate. This requirement means all custom updates must be code signed before injection into WSUS. We provide three different ways to configure the certificate.

In most organizations, allowing Configuration Manager to manage the certificate is acceptable and the easiest option.

Open SCCM Console – Administration – Sites – Right Click Site – Configure Site Components – Software Update Point



Browse to Software Library – All Software Updates – Sync Software Updates



You can check the logs from here

**Logging Options**

 Logging Level:  Logs to Retain:  Max Size in MB:

You can check certificate info from here

**Certificate Management** [\(More Info\)](#)



 The certificate has not been tested yet

**Current Certificate**



Issuer:   
Subject:   
Effective Date:   
Expiration Date:   
Code Signing:   
Public Key:   
Thumbprint:

WSUS certificate is installed in the Trusted Publishers certificate store: **Yes**  
WSUS certificate is installed in the Trusted Root certificate store: **Yes**

**Updates** - To enable products to publish, check the **Enable publishing of third-party updates** checkbox.

 Patch My PC - Publishing Settings - 2.1.13.0 

Enable publishing of third-party updates

Then click Options and complete the following

WSUS Options

**Trigger a Software Update Point Sync** ([More Info](#))  
 Trigger a ConfigMgr software update sync. This synchronization pulls metadata that meets the configured criteria from the upstream WSUS server or from Microsoft Update.

Perform delta synchronization    Perform full synchronization    Configure SMS Provider connection...

**ConfigMgr Product Management**

Product Name	Selected In ConfigMgr
Patch My PC	<input checked="" type="checkbox"/>

Refresh

**ConfigMgr Component Management**  
 The WCM component of ConfigMgr records details about the software update point configuration and connections to the WSUS server for subscribed update categories, classifications, and languages. This component can be restarted during the initial Patch My PC setup after the first update is published to quickly onboard the Patch My PC product into ConfigMgr.

WCM Component Status: *Running*    Query    Restart

**Update Republishing Options**  
 Set whether a 'republished update' should have the update name appended with a tag indicating when the republish happened. If this is left unchecked a republished Google Chrome update might have a name as shown below.  
 Google Chrome 84.0.4147.105 (x64) - (Republished on 2020-09-22 at 11:52)

Do not append republished updates with a republished datetime.

**Modify Published Updates** ([More Info](#))  
 You can use this wizard to modify published third-party updates. You can expire, delete, and change the WSUS console visibility for published updates.

Run Wizard...

**WSUS Maintenance** ([More Info](#))

Show unreferenced WSUS folders...

Enable the automatic deletion and cleanup of the UpdateServicesPackages folder for declined third-party updates.  
 Only delete declined Patch My PC third-party updates.

Automatically run the Unneeded updates files clean action in the WSUS Server Cleanup Wizard

**Standalone WSUS Mode** ([More Info](#))

Make updates appear in the WSUS console. This option isn't needed if using Configuration Manager.  
 Use SYSTEM account when connecting to the SQL database or define a custom account below.

SQL Login:     SQL Password:     Test

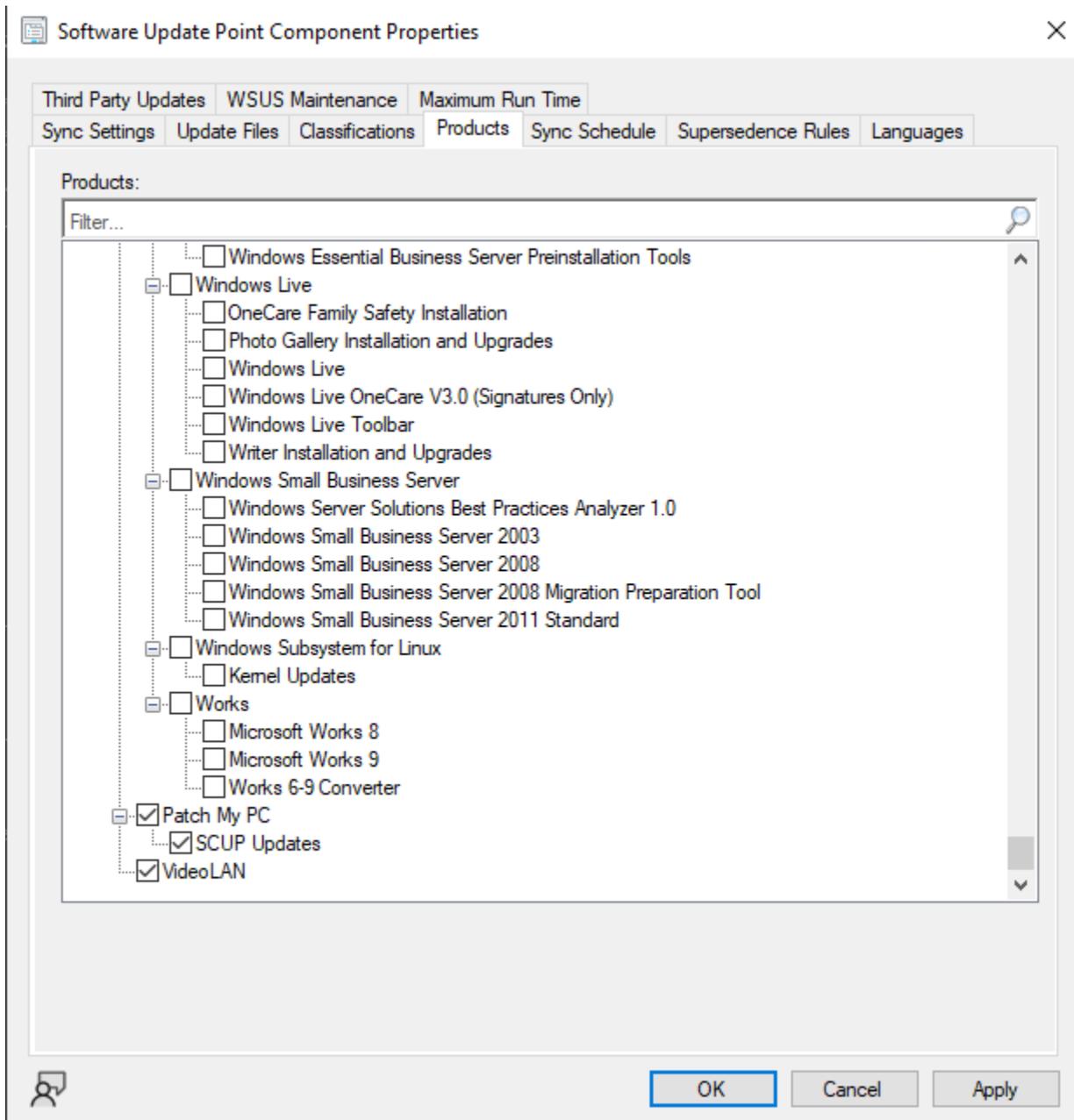
Ok    Cancel

Now for test run enable few applications.

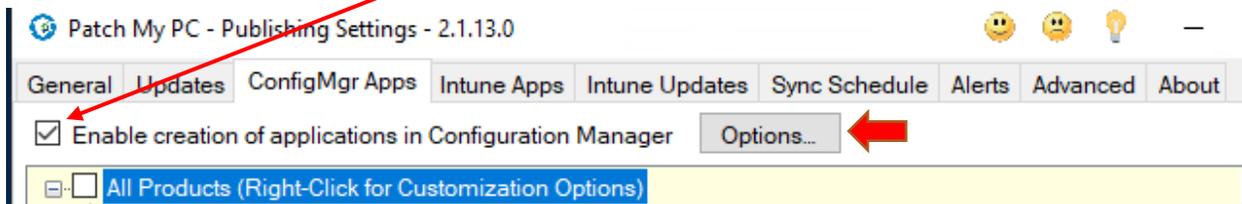
<p><b>Igor Pavlov</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 7-Zip (x64) - EXE Install (Full Content)</li> <li><input type="checkbox"/> 7-Zip (x86) - EXE Install (Full Content)</li> <li><input checked="" type="checkbox"/> 7-Zip (x64) - MSI Install (Full Content)</li> <li><input type="checkbox"/> 7-Zip (x86) - MSI Install (Full Content)</li> </ul>	<p><b>Notepad++ Team</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Notepad++ (x86) (Full Content)</li> <li><input checked="" type="checkbox"/> Notepad++ (x64) (Full Content)</li> </ul>
<p><b>Tim Kosse</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> FileZilla Client (x86) (Full Content)</li> <li><input checked="" type="checkbox"/> FileZilla Client (x64) (Full Content)</li> <li><input type="checkbox"/> FileZilla Server (x64) (Full Content)</li> </ul>	<p><b>VideoLAN</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> VLC Media Player (x86) - EXE Install (Full Content)</li> <li><input type="checkbox"/> VLC Media Player (x64) - EXE Install (Full Content)</li> <li><input type="checkbox"/> VLC Media Player (x86) - MSI Install (Full Content)</li> <li><input checked="" type="checkbox"/> VLC Media Player (x64) - MSI Install (Full Content)</li> </ul>

**Enable SUP** - Next, you will need to enable the product in Configuration Manager to ensure the updates appear and become deployable via Configuration Manager.

Sites – Primary Site – Right Click – Configure Site Components – Software Update Point - Products



**Configuring Apps** – First enable this option



Then click Options. I have gone with the following settings. Default settings will work fine for most setups.

## ConfigMgr Apps Options

**Connection and Source Options** [\(More Info\)](#)

Configure SMS Provider connection...

Source Folder:

**Application Creation Options** [\(More Info\)](#)

- Allow applications to be installed from the Install Application task sequence action.
- Allow clients to use distribution points from the site's default boundary group.
- Code-sign the PowerShell detection method script using the WSUS Signing Certificate.
- Do not include the version in the application name, so the application name doesn't change after updates.
- Move applications to the following folder in the applications node of the console: [Applications\PatchMYPC](#)

**When a New Application Update is Available** [\(More Info\)](#)

- Update existing application's metadata, deployment type, detection method, and content files (Default)
  - Delay the in-place application upgrade by  days.
- Create a new application without modifying any previous applications
- Retain up to  previously created applications.
- Remove administrative categories from retained applications
- Delete applications even if they have a deployment

**Content Distribution Options**

- Automatically distribute content for any newly created applications.

By default, we distribute content to every distribute point individually. If you prefer to use a distribution point group(s), please add at least one group.

Name
Toronto

Now we will create few applications for testing.

- Notepad++ Team
  - Notepad++ (x86)
  - Notepad++ (x64)
- FileZilla Client
  - FileZilla Client (x86)
  - FileZilla Client (x64)
- VideoLAN
  - VLC Media Player (x86) - EXE Install
  - VLC Media Player (x64) - EXE Install
  - VLC Media Player (x86) - MSI Install
  - VLC Media Player (x64) - MSI Install
- Igor Pavlov
  - 7-Zip (x64) - EXE Install
  - 7-Zip (x86) - EXE Install
  - 7-Zip (x64) - MSI Install
  - 7-Zip (x86) - MSI Install

**Sync Schedule** - By default, we recommend the Publisher sync runs on a daily basis. The sync schedule only controls **when updates or applications are published** to your environment. Patch My PC does **not automatically create deployments** in Configuration Manager for you.

The screenshot shows the 'Sync Schedule' configuration window. The 'Daily' option is selected, with the schedule set to 'At 7 H 0 M PM ± 5 minutes'. Other options include 'Weekly' (On Friday at 10:30 PM), 'The' (Second Tuesday at 7:00 PM with an offset of 0 days), 'Monthly' (On the 4th at 7:00 PM), and 'Hourly' (Every 4 hours). There is also a 'Disable sync schedule' option. A checkbox is checked for 'Trigger ConfigMgr software update point sync when new third-party updates are published', with a 'Configure SMS Provider connection...' button below it. A 'Run Publishing Service Sync' button is at the bottom right. The window has standard 'OK', 'Cancel', and 'Apply' buttons at the bottom.

### Alerts – Email –

The screenshot shows the 'Alerts' configuration window, specifically the 'SMTP Settings' section. The 'Send Email Reports' checkbox is checked. The 'Common Email Providers' dropdown is set to ' administrator@ramlan.ca'. The 'Sender' field is 'administrator@ramlan.ca', 'Recipients' is 'ram@ramlan.ca', and 'CC Recipients' is 'ramlan@infotechram.com'. The 'Server' is 'EX2019.RAMLAN.CA'. Under 'Email Authentication', 'Specified User' is selected. The 'Specified User' section has 'Login' as 'administrator' and 'Password' as '\*\*\*\*\*'. There are 'Change subject...' and 'Add text to body...' buttons. The 'Webhook Settings' section is currently disabled. The window has 'OK', 'Cancel', and 'Apply' buttons at the bottom.

Email Sent Successfully

A test email has been sent. Please check your inbox.

OK

**Advanced – Local Content Repository** – Certain products require the content to be downloaded ahead of time into a known folder. This typically is related to specific vendors who's content can only be downloaded after logging in or paying for the software.

#### Local Content Repository [\(More Info\)](#)

Some products require manual download. You will need to download the newest update to the local content repository for these products manually. The local content repository can also be a fallback for download failures and hash mismatches.

Local Content Path:

[Set to default](#)

Delete the update file in the local repository after publishing

Check the local content repository for content files before attempting to download content files from the internet.

**Backup and Restore Settings** - All settings within the publisher are backed up the publisher is closed using the "OK" button, or the "Apply" button. These settings are stored in the backup directory where the Publisher is installed. You can get an immediate backup of the publisher at any time using the options in the Advanced tab.

#### Backup and Restore Settings [\(More Info\)](#)

Automatically backup the latest settings to:

About – Below is the current version installed.

Patch My PC - Publishing Settings - 2.1.13.0

General Updates ConfigMgr Apps Intune Apps Intune Updates Sync Schedule Alerts Advanced **About**

#### Version Details

Currently Installed Version: 2.1.13.0

Latest Available Stable Version: 2.1.13.0

Last check for a new version: 2020-03-17 4:28:56 PM

State: **Running**

Disable self-updates (Not Recommended)

Install preview builds

Updates will be automatically installed at the end of each scheduled sync when needed.

#### Release History

For a full list of our releases and accompanying release notes, please see our [Release Notes](#)

If you have any feedback or suggestions, please contact us and let us know! [Contact Us Page](#)

#### Technical Support

Having Issues? Please use our technical support contact form to let us know [Technical Support Page](#)

You can also search our support forum for common issues and create a support ticket [Support Forum Page](#)

#### Application Request?

We are always open to adding any new applications that would provide our customers value.

Please submit any new application request to our forum thread [Request New Software](#)

Once you have all the configuration done it is time to perform one final sync for All Software Updates and then deploy test application to a device to see how it works out.

I have 7-Zip v22 deployed to All Systems collection. It is showing up in Software Center

Software Center

RAMLAN INC

Applications > Application details

7-ZIP

7-Zip (MSI-x64)  
Published by Igor Pavlov

Install

Intune CP  
Applications 1  
Personal  
Updates  
Operating Systems

Software Center

RAMLAN INC

Applications > Application details

7-ZIP

7-Zip (MSI-x64)  
Published by Igor Pavlov

Uninstall

Intune CP  
Applications 1  
Personal  
Updates  
Operating Systems

About 7-Zip

7-ZIP

7-Zip 22.01 (x64)  
2022-07-15  
Copyright (c) 1999-2022 Igor Pavlov  
7-Zip is free software

www.7-zip.org OK

Software Center

RAMLAN INC

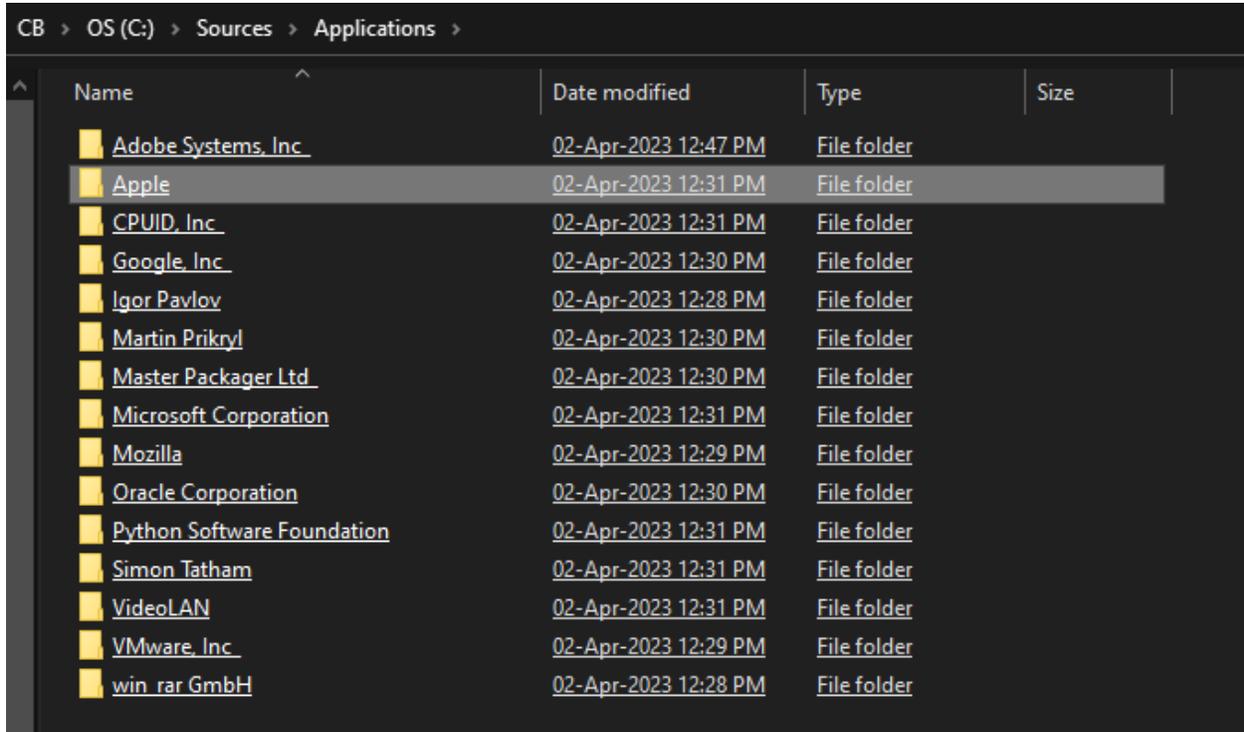
All Upcoming

Filter: All Sort by: Application name: A to Z

Name	Publisher	Install date
7-ZIP 7-Zip (MSI-x64)	Igor Pavlov	02-Apr-2023
Configuration Manager Support Center	Microsoft	24-May-2021
Edge		10-Apr-2020

Intune CP  
Applications  
Personal  
Updates  
Operating Systems  
Installation status

This is how Applications folder will look when you have done all the configuration.



Name	Date modified	Type	Size
Adobe Systems, Inc	02-Apr-2023 12:47 PM	File folder	
Apple	02-Apr-2023 12:31 PM	File folder	
CPUID, Inc	02-Apr-2023 12:31 PM	File folder	
Google, Inc	02-Apr-2023 12:30 PM	File folder	
Igor Pavlov	02-Apr-2023 12:28 PM	File folder	
Martin Prikryl	02-Apr-2023 12:30 PM	File folder	
Master Packager Ltd	02-Apr-2023 12:30 PM	File folder	
Microsoft Corporation	02-Apr-2023 12:31 PM	File folder	
Mozilla	02-Apr-2023 12:29 PM	File folder	
Oracle Corporation	02-Apr-2023 12:30 PM	File folder	
Python Software Foundation	02-Apr-2023 12:31 PM	File folder	
Simon Tatham	02-Apr-2023 12:31 PM	File folder	
VideoLAN	02-Apr-2023 12:31 PM	File folder	
VMware, Inc	02-Apr-2023 12:29 PM	File folder	
win_rar GmbH	02-Apr-2023 12:28 PM	File folder	

If you add more applications it will show up during next sync cycle.

With this we have completed the setup of PatchMYPC for Current Branch 2211 (Configuration Manager).

Thanks

Ram

2<sup>nd</sup> Apr 2023

**Note: None of the applications will be deployed to devices. You control how to deploy and to which collections within Configuration Manager.**