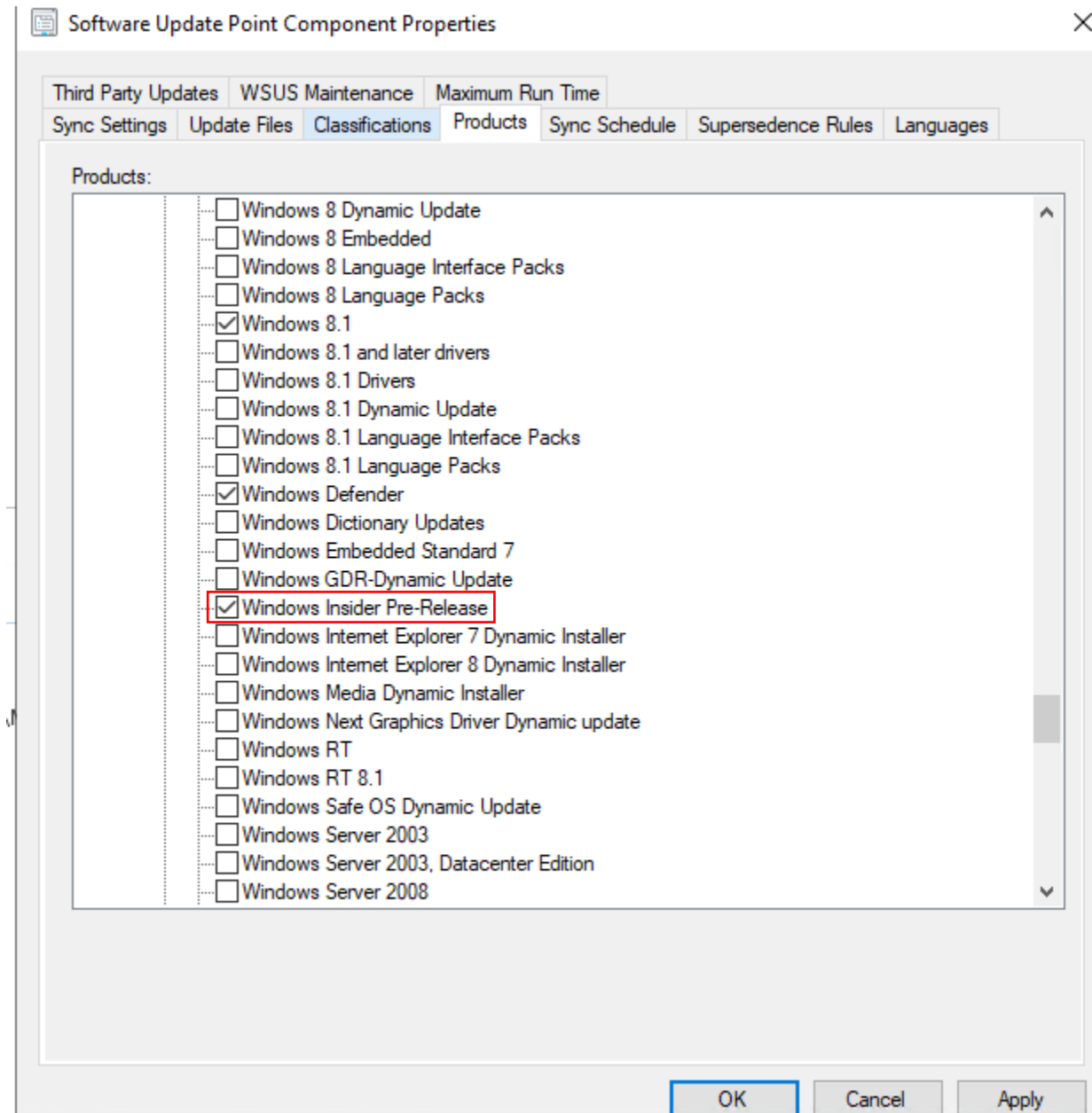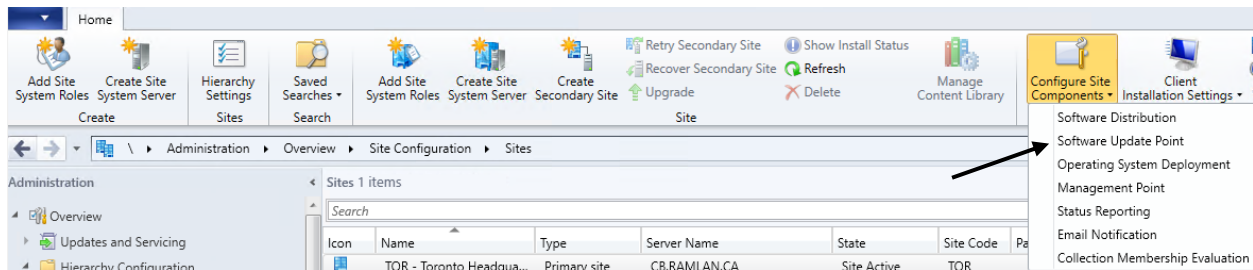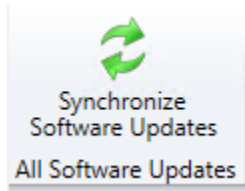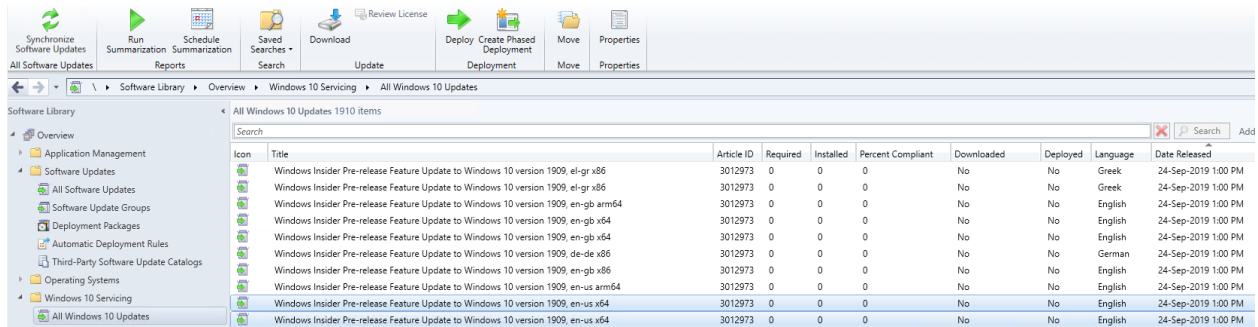# Publishing pre-release Windows 10 feature updates

In this post, I will show you how to enable pre-release of Windows 10 feature, if you want to test them in the lab or test environment and see how it is before deciding for production deployment. The base requirement of Current Branch should be 1810 and above.

After that perform the sync

The pre-release updates should shows up.

Now we can create a servicing plan to deploy to Win 10 Test collection. In my lab, I am going to deploy to Win 10 collection directly. They are running Win 10 v1903.

Create Servicing Plan

General

Specify general information for this servicing plan

Name: Win 10 Pre release v1909

Description:

< Previous | Next > | Summary | Cancel

Create Servicing Plan ✕

Servicing Plan

Choose the deployment plan for this servicing plan

Specify the target collection for the Windows upgrade deployment.

Target Collection: Win 10 [Browse...]

< Previous | Next > | Summary | Cancel

Create Servicing Plan

Deployment Ring

- General
- Servicing Plan
- **Deployment Ring**
- Upgrades
- Deployment Schedule
- User Experience
- Deployment Package
  - Download Location
  - Language Selection
- Summary
- Progress
- Completion

Specify the deployment ring

Specify the Windows readiness state to which this servicing plan should apply.

- ⦿ Semi-Annual Channel (Targeted)
- ◯ Semi-Annual Channel

How many days after Microsoft has published a new upgrade would you like to wait before deploying in your environment:

```
0
```

[< Previous] [Next >] [Summary] [Cancel]

Preview updates ✕

Configuration Manager returned 2 updates.

Filter...

Title	Article ID	Bulletin ID	Product
Windows Insider Pre-release Feature Update to Windows 10 version 1909, en-us x64	3012973		"Windows In
Windows Insider Pre-release Feature Update to Windows 10 version 1909, en-us x64	3012973		"Windows In

Above you can see there are two files. One pertains to Client Business and the other is Client Consumer. Wish Microsoft had a clear naming for each version.

[Close]

Create Servicing Plan — Upgrades

Select the property filters and search criteria

The upgrades that meet the specified criteria will be added to the associated deployment

Property filters:

- ☑ Architecture
- ☑ Language
- ☑ Product Category
- ☑ Required
- ☐ Superseded
- ☑ **Title**

Search criteria:

Architecture "x64"
Language "English"
Product Category "Windows Insider Pre-Release"
Required en-us
Title en-us

[Preview]

[< Previous] [Next >] [Summary] [Cancel]

Create Servicing Plan — Deployment Schedule

Configure schedule details for this deployment

Schedule evaluation
Specify if the schedule for this deployment is evaluated based upon Universal Coordinated Time (UTC) or the local time of the client.

Time based on: [Client local time ▼]

Software available time
Specify when software updates are available. After this rule is run, software updates are distributed to the content server. Then the software updates are available to install as soon as possible or scheduled to install at a configured period of time after the rule is run.

Note: You must enable this deployment before software updates are available to install.

- ⦿ As soon as possible
- ◯ Specific time: [7] [Days ▼]

Installation deadline
Specify a deadline for required software updates. The deadline is determined by adding the deadline time to the installation time. When the deadline is reached, required software updates are installed on the device and the device is restarted if necessary.

- ◯ As soon as possible
- ⦿ Specific time: [7] [Days ▼]

☐ Delay enforcement of this deployment according to user preferences, up to the grace period defined in client settings.

[< Previous] [Next >] [Summary] [Cancel]

Create Servicing Plan

User Experience

General
Servicing Plan
Deployment Ring
Upgrades
Deployment Schedule
User Experience
Deployment Package
Download Location
Language Selection
Summary
Progress
Completion

Specify the user experience for this deployment

User visual experience
User notifications:

[Display in Software Center, and only show notifications for computer restarts ▼]

Deadline behavior
When the installation deadline is reached, allow the following activities to be performed outside of any defined maintenance windows:

☐ Software Update Installation
☐ System restart (if necessary)

Device restart behavior
Some software updates require a system restart to complete the installation process. You can suppress this restart on servers and workstations.

Suppress the system restart on the following devices:

☐ Servers
☐ Workstations

Write filter handling for Windows Embedded devices
☐ Commit changes at deadline or during a maintenance window (requires restarts)

If this option is not selected, content will be applied on the overlay and committed later.

Software updates deployment re-evaluation behavior upon restart

☐ If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart

[< Previous] [Next >] [Summary] [Cancel]

Create Servicing Plan

Deployment Package

General
Servicing Plan
Deployment Ring
Upgrades
Deployment Schedule
User Experience
Deployment Package
Distribution Points
Download Location
Language Selection
Summary
Progress
Completion

Select deployment package for this automatic deployment rule

The deployment package contains the software update files associated with this rule that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.

○ Select a deployment package

[   ] [Browse...]

● Create a new deployment package

Name:
[Win 10 Pre Release v1909]

Description:
[   ]

Package source (Example):\\<server>\<folder path>
[\\cb\Sources\OSD\OS\WIN10\Servicing Plan\v1909] [Browse...]

Sending priority:
[High ▼]

☐ Enable binary differential replication

To minimize the network traffic between sites, binary differential replication updates only the content that has changed in the package.

○ No deployment package

Clients download content from peers or the Microsoft cloud.

[< Previous] [Next >] [Summary] [Cancel]

Create Servicing Plan — Distribution Points

Distribution Points

General
Servicing Plan
Deployment Ring
Upgrades
Deployment Schedule
User Experience
Deployment Package
Distribution Points
Download Location
Language Selection
Summary
Progress
Completion

Specify the distribution points or distribution point groups to host the content

Distribution points or distribution point groups:

Filter...   [Add ▼]

                                                                             [Remove]

Name	Description	Associations
CB.RAMLAN.CA	Distribution point	
Toronto	Distribution point group	0

[< Previous] [Next >] [Summary] [Cancel]

Create Servicing Plan — Download Location

Download Location

General
Servicing Plan
Deployment Ring
Upgrades
Deployment Schedule
User Experience
Deployment Package
Distribution Points
Download Location
Language Selection
Summary
Progress
Completion

Specify download location for this Automatic Deployment Rule

If your site server does not have an Internet connection, you can download the software updates from a different computer and save them to a network location accessible by the site server.

(●) Download software updates from the Internet

(○) Download software updates from a location on my network:

Example: \\<server>\<folder path>

[   ] [Browse...]

Note:

When the deployment package contains all required software updates, select "Download software updates from the internet". The software updates files will be validated, but will not be downloaded again.

[< Previous] [Next >] [Summary] [Cancel]

Create Servicing Plan

Language Selection

General
Servicing Plan
Deployment Ring
Upgrades
Deployment Schedule
User Experience
Deployment Package
    Distribution Points
    Download Location
    Language Selection
Summary
Progress
Completion

Specify the update languages for product

Edit...

Product	Update languages
Windows Update	English
Office 365 Client Update	English (United States)

< Previous | Next > | Summary | Cancel

Create Servicing Plan

Summary

General
Servicing Plan
Deployment Ring
Upgrades
Deployment Schedule
User Experience
Deployment Package
    Distribution Points
    Download Location
    Language Selection
Summary
Progress
Completion

Confirm the settings

Details:

```
General:
    • Servicing Plan: Win 10 Pre release v1909
Servicing Plan:
    • Target Collection: Win 10
Deployment Ring:
    • Servicing Ring: Semi-Annual Channel (Targeted)
    • Deferral: 0 days
Upgrades:
    • Architecture: "x64"
    • Language: "English"
    • Product Category: "Windows Insider Pre-Release"
    • Required: en-us
    • Title: en-us
Deployment Schedule:
    • Deployment schedules will be based on: Client local time
    • Time between rule run and deployment available: As soon as possible
    • Time between deployment available and deadline: 7 Days
    • Delayed enforcement on deployment: No
User Experience:
    • User Notifications: Display in Software Center, and only show notifications for computer restarts
    • Install software updates outside the maintenance window when deadline is reached: No
    • Restart system outside the maintenance window when deadline is reached: Suppressed
    • Commit changes at deadline or during a maintenance window (requires restarts): Suppressed
    • If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart: No
    • If a restart is required it will be: Allowed

Package
The software updates will be placed in a new package:
    • Win 10 Pre Release v1909
Content (2):
    • CB.RAMLAN.CA
    • Toronto
Download Location:
    • Download software updates from the Internet
```

To change these settings, click Previous. To apply the settings, click Next.
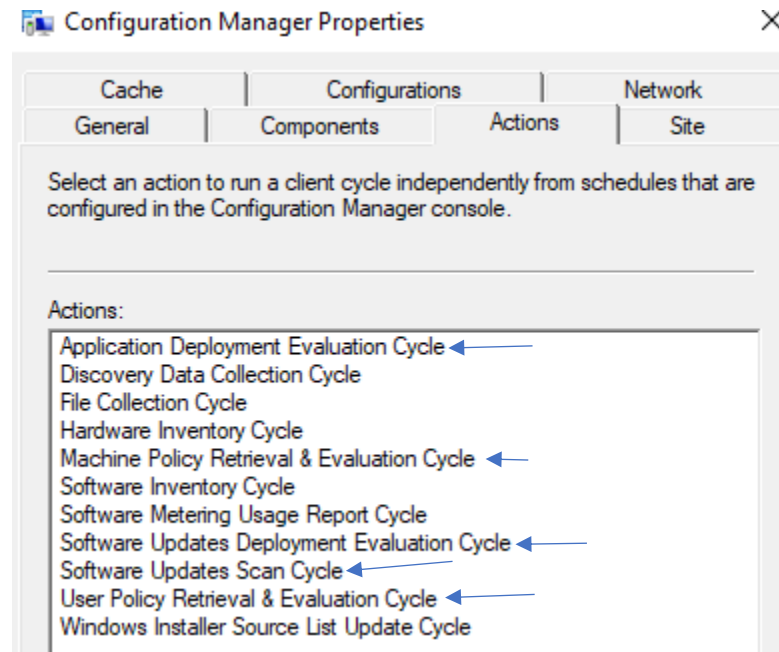
< Previous | Next > | Summary | Cancel

Create Servicing Plan — Completion

The Create Servicing Plan completed successfully

Details:

General:
- Servicing Plan: Win 10 Pre release v1909
Servicing Plan:
- Target Collection: Win 10
Deployment Ring:
- Servicing Ring: Semi-Annual Channel (Targeted)
- Deferral: 0 days
Upgrades:
- Architecture: "x64"
- Language: "English"
- Product Category: "Windows Insider Pre-Release"
- Required: en-us
- Title: en-us
Deployment Schedule:
- Deployment schedules will be based on: Client local time
- Time between rule run and deployment available: As soon as possible
- Time between deployment available and deadline: 7 Days
- Delayed enforcement on deployment: No
User Experience:
- User Notifications: Display in Software Center, and only show notifications for computer restarts
- Install software updates outside the maintenance window when deadline is reached: No
- Restart system outside the maintenance window when deadline is reached: Suppressed
- Commit changes at deadline or during a maintenance window (requires restarts): Suppressed
- If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart: No
- If a restart is required it will be: Allowed

Package
- Success: The software updates were placed in a new package:
  - Win 10 Pre Release v1909
- Success: Content (2):

To exit the wizard, click Close.

[< Previous] [Next >] [Summary] [Close]

Servicing Plans 2 items

Icon	Name	Description	Enabled	Last Error Code	Last Error Description	Last Error Time	Last Evaluation Time
	Win 10 Pre release v1909			0X00000000	Success		
	Windows 10 v1903	This will update all system		0X00000000	Success		22-Sep-2019 4:06 AM

Context menu:
- Run Now
- Enable
- Disable
- Refresh   F5
- Delete   Delete
- Properties
- Recast RCT

All Objects / Scope

Saved Searches / Search Settings — Options

Save Current Search / Save Current Search As — Save

Close — Active Search

Software Library > Overview > Windows 10 Servicing

Software Library

- Overview
  - Application Management
  - Software Updates
    - All Software Updates
    - Software Update Groups
    - Deployment Packages
    - Automatic Deployment Rules
    - Third-Party Software Update Catalogs
    - Operating Systems
    - Windows 10 Servicing
      - All Windows 10 Updates
      - Servicing Plans
      - Windows Update for Business Policies
    - Desktop Analytics Servicing
      - Deployment Plans
      - Connection Health
    - Office 365 Client Management
      - Office 365 Updates
      - Office 365 Proplus Upgrade Readiness
    - Scripts

- Assets and Compliance
- Software Library
- Monitoring
- Administration
- Community

Windows 10 Servicing

Windows 10 Usage — 1903

Windows 10 Rings
- Semi-Annual Channel (Targeted)
- Semi-Annual Channel
- Long-term Servicing Channel

Create Servicing Plan

Expired — 0 %

Alerts —

Expire Soon — 0 %

Servicing Plan Monitoring
- Windows 10 v1903
- Win 10 Pre release v1909

Deploy Now

Percent Compliance — Production

After some time, you will see it has downloaded Win 10 v1909 which is about 3.5GB. There are two versions Client Business & Client Consumer.

I logged into Win 10 workstation and ran these policies so update will show up in Software Center.

After few minutes the update show up in Software Center for install.

Software Center ✕

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⊗ Confirm you want to upgrade the operating system on this computer.

Upgrading the operating system will take time and your computer might restart several times.

This in-place upgrade installs the new operating system and automatically migrates your apps, data, and settings.

Click Install Operating System to begin. Otherwise, click Cancel.

Install   **Cancel**

Applications

Updates 1

Operating Systems

Installation status

Device compliance

Options

Personal

Updates > Update details

Windows Insider Pre-release Feature Update to Windows 10 version
Published by Microsoft

Cancel   ⟳ Installing...

You accept the terms of the Windows Insider Program Agreement by downloading this Upgrade, by installing the Upgrade, or by continuing to use this Upgrade.

Status: Downloading (23% complete)
Restart required: Might be required
Article ID: 3012973

Applications

Updates 1

Operating Systems

Installation status

Device compliance

Options

Personal

details

Windows Insider Pre-release Feature Update to Windows 10 version 1909, en-us
Published by Microsoft

Cancel   ⟳ Installing...

You accept the terms of the Windows Insider Program Agreement by downloading this Upgrade, by installing the Upgrade, or by continuing to use this Upgrade.

Status: Downloading (99% complete)
Restart required: Might be required
Article ID: 3012973

Here you can see on the workstation it has downloaded and started the installation.

| | File | Home | Share | View |

This PC > Local Disk (C:) > Windows > ccmcache > 1q

Search 1q

Name	Date modified	Type	Size
18363.356.190918-2052.19h2_release_svc_refresh_CLIENTBUSINESS_VOL_x64FRE-en-us.esd	24-Sep-2019 10:52 PM	ESD File	3,401,310 KB
WindowsUpdateBox	24-Sep-2019 10:58 PM	Application	22,251 KB

Quick access
Desktop
Downloads
Documents

RAMLAN INC

- Applications
- Updates   **1**
- Operating Systems
- Installation status
- Device compliance
- Options
- Personal

Updates > Update details

Windows Insider Pre-release Feature Update to Windows 10 version
Published by Microsoft

Cancel   ◯ Installing...

You accept the terms of the Windows Insider Program Agreement by downloading this Upgrade, by installing the Upgrade, or by continuing to use this Upgrade.

Status: **Installing**
Restart required: **Might be required**
Article ID: 3012973

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- Applications
- Updates
- Operating Systems
- Installation status
- Device compliance
- Options
- Personal

Updates > Update details

Windows Insider Pre-release Feature Update to Windows 10 version
Published by Microsoft

Restart

You accept the terms of the Windows Insider Program Agreement by downloading this Upgrade, by installing the Upgrade, or by continuing to use this Upgrade.

Status: **Will restart 01-Oct-2019 11:14:00 PM**
Restart required: **Yes**
Article ID: 3012973

Software Center   ✕

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⚠ **Your computer must be restarted.**

Save your work to avoid losing data. Notify users logged on to this computer that they should log off immediately for a pending restart.

Click Restart to restart the computer now, otherwise click Cancel.

Restart   **Cancel**

This is the log you can monitor during installation.

File Action Media Clipboard View Help

Working on updates 0%
Don't turn off your PC. This will take a while.

Your PC will restart several times.

Working on updates 2%
Don't turn off your PC. This will take a while.

Your PC will restart several times.

After restart you will see this

We've got some updates for your PC

These updates help protect you in an online world

Don't turn off your PC

This concludes the whole process of creating a servicing plan and deploying Win 10 v1909 in test bed.

Thanks!

Ram Lan
25th Sep 2019