

Get WSUS Content .NET

Brief instruction

Searches for updates for Microsoft products, downloads them and allows installation without an internet connection

© 2007 - 2026 Peter Schirmer
Version 3.0.1.0
32-bit and 64-bit
Suitable for all languages

Requires Microsoft .NET Framework 10

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gwc@outlook.de

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English documentation was AI translated and checked

References to older versions

- Get better control over Windows Updates with Get WSUS Content .NET (English only)
<https://www.ghacks.net/2021/12/04/get-better-control-over-windows-updates-with-get-wsus-content-net/>
- Keep Windows updates under control with free tools
https://www.security-insider.de/windows-updates-mit-kostenlosen-tools-im-griff-a-787135/?fbclid=IwAR2wTyJvre-T39pAKr5MOp-PEGG9J703HhT-dYi67nsKUI_gz1ru8tjiKz_s
- “Quality over quantity: Top downloads of 2018” Category “Must-have programmes”
<https://www.zdnet.de/41525063/klasse-statt-masse-top-downloads-des-jahres-2018/2/>
- “Quality over quantity: Top downloads of 2017” Category “Must-have programmes”
<http://www.zdnet.de/41525063/klasse-statt-masse-top-downloads-des-jahres-2017/2/>
- “Quality over quantity: Top downloads of 2016” Category “Must-have programmes”
<http://www.zdnet.de/41525063/klasse-statt-masse-top-downloads-des-jahres-2016/2/>
- “Quality over quantity: Top downloads of 2015” Category “Must-have programmes”
<http://www.zdnet.de/41525063/klasse-statt-masse-top-downloads-des-jahres-2015/>
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http://www.chip.de/bildergalerie/Die-besten-Gratis-Tools-2013-Galerie_60103763.html?show=31
- WinTotal.de: Download of the Week 35/2013
- WinTotal.de editorial rating: 5/6 points
<http://www.wintotal.de/softwarearchiv/?id=6831>
- ZDNet.de: 5/5 points and the editorial team's download tip
<http://downloads.netmediaeurope.de/72298/get-wsus-content-net/>
- Computerbild.de: Top 250 downloads
- Chip.de: 4/5 points on initial listing
http://www.chip.de/downloads/Get-WSUS-Content-.NET_64701297.html

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1. What's new in version 3.0.1?

The release of Get WSUS Content .NET brings the following changes:

New

- Portable mode is back
- The program directory and update directory can be specified during setup
- A portable version can be created from an existing installation

Changes

- Error handling when creating update packages if the updates are not present on the hard drive

2. Motivation

2.1 What is Get WSUS Content .NET?

Get WSUS Content .NET scans computers for updates for Microsoft products, downloads them and offers various functions for customised patch management.

Get WSUS Content .NET utilises Microsoft Update Agent technology.

2.2 What can Get WSUS Content .NET do?

Get WSUS Content .NET scans the computer for updates for Microsoft products. The Microsoft Update servers on the internet can be used as the source, or, more specifically, the WSUS servers on the network.

A wide range of patch management tasks can be carried out with Get WSUS Content .NET, e.g. hiding updates, integration into an installation image, creating a bootable external hard drive, or the targeted selection and installation of updates using the offline installer. Updates from third-party providers can also be installed.

2.3 What Get WSUS Content .NET cannot do

To download updates using Get WSUS Content .NET, the relevant product must be 'accessible'. This means that the product must be installed on the local computer.

2.4 The concept

There are a wide variety of programmes designed to handle the installation of updates. Most programmes are updated and made available manually by the author on a monthly basis (e.g. update packages). Other approaches only take into account the updates contained in the 'wsusscn2.cab' file. These are exclusively security-related updates and do not provide a complete picture of all updates for a product.

Get WSUS Content .NET is different. It uses the Windows Update Agent. This is the method used to search for and install updates via Windows Update. The Windows Update Agent does not just take into account some of the updates, but all those offered via Windows Update. These include updates for Visual Studio, SQL Server and many more.

The biggest advantage of Get WSUS Content .NET is its vast range of features combined with ease of use: tasks are clearly organised in a tree structure.

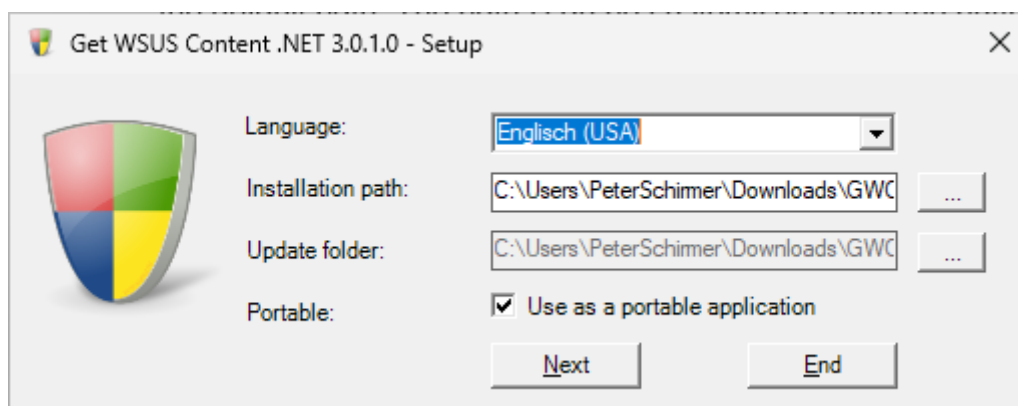
2.5 In a nutshell – the contents

The structure of this manual corresponds to the structure of the menu in the programme. A glossary of the terms mentioned is also included.

3. Setup

Get WSUS Content .NET can either be set up from scratch or an existing version can be updated.

Unzip the archive into a folder and run the “Setup.exe” file to set up a new installation – to update an existing version, run the “Update.exe” file.



Home Screen

Portable mode is selected by default. This allows Get WSUS Content .NET to be launched from any directory without having to run the setup each time. The download folder is automatically suggested as the default path. The paths can be customized using the buttons.

After clicking “Next,” the setup begins using the specified paths.

The directory is automatically created, and the content is copied into it. Shortcuts are created in the Start menu and on the desktop—this is not necessary for the portable version. The update directory can be changed later.

Once setup is complete, this will be displayed in the notifications and Get WSUS Content .NET is ready for use.

Benachrichtigungen  **Alle löschen**

 **GWC**

06:31

Setup was completed successfully

06:31

Language: ENU;1033

06:31

Update folder: C:\Users\PeterSchirmer
\Downloads\GWC\Updates

06:31

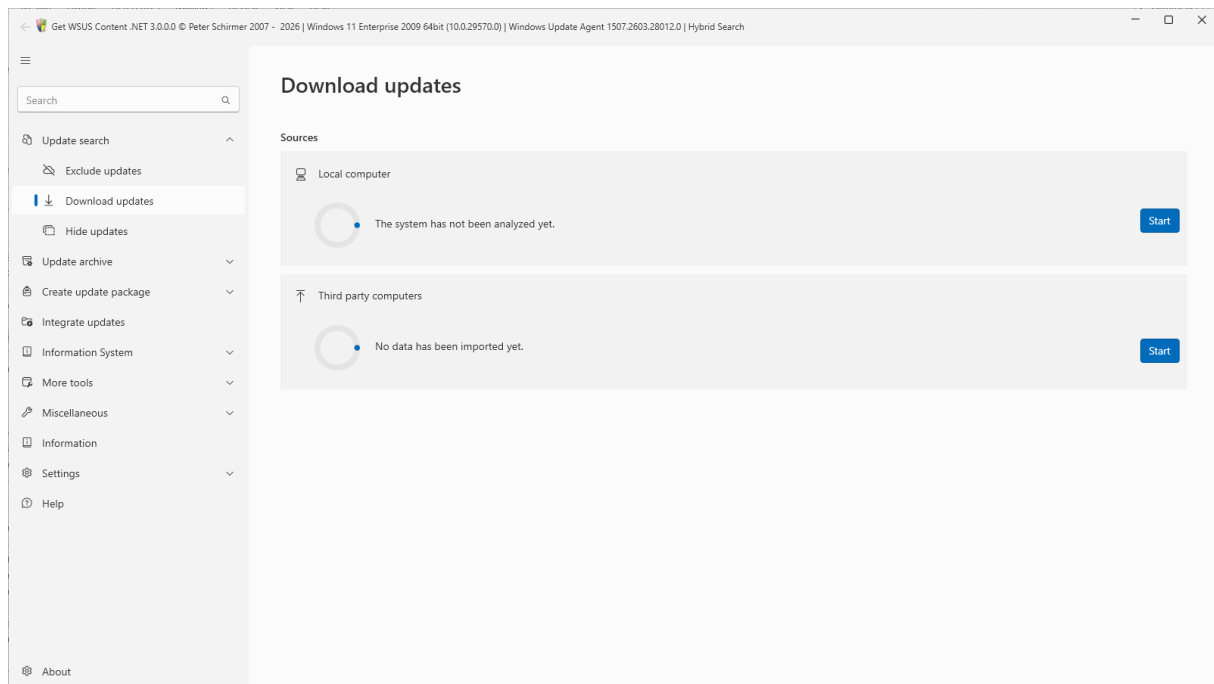
Installation path: C:\Users\PeterSchirmer
\Downloads\GWC

06:30

Setup is starting

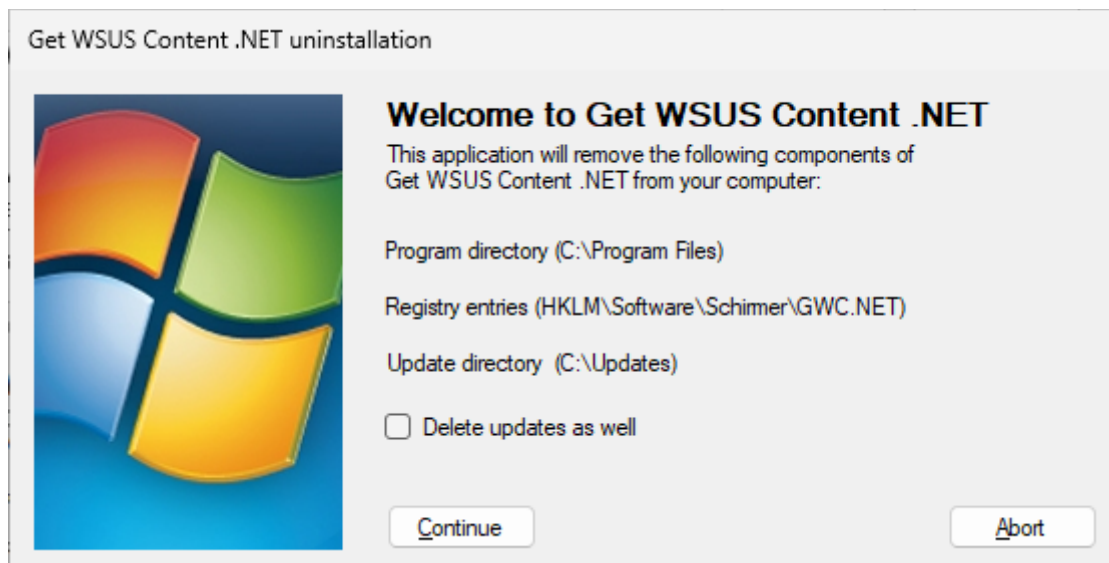
Weniger anzeigen

Completion of setup

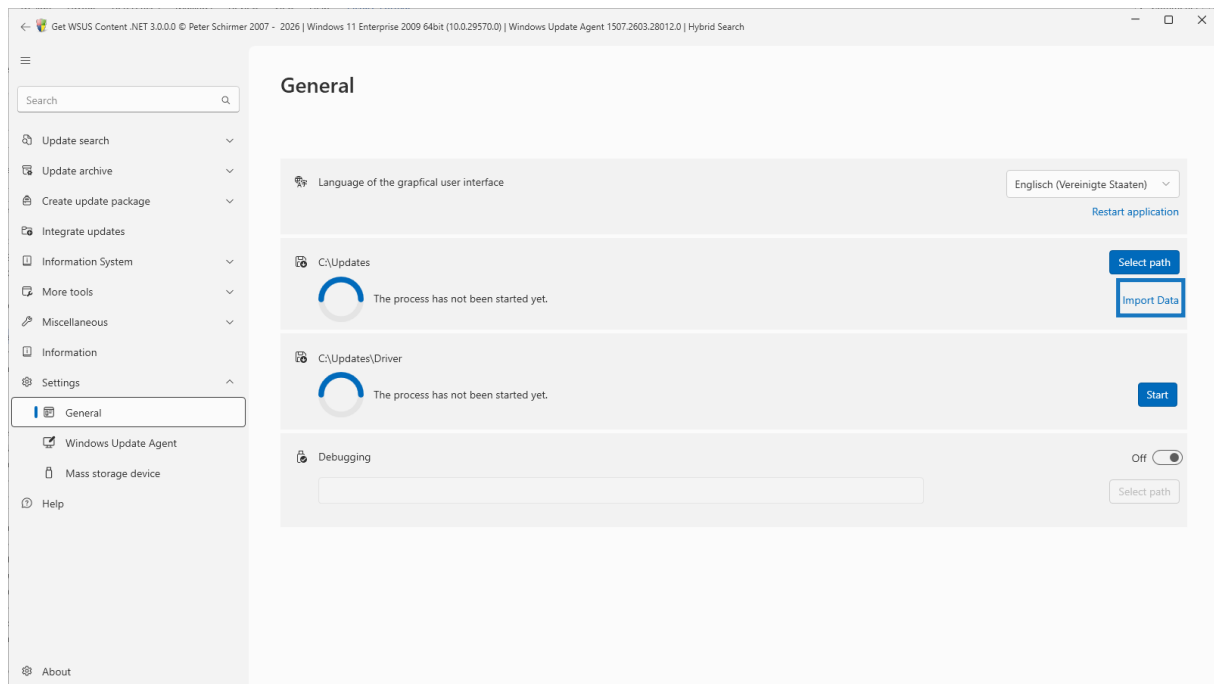


Get WSUS Content .NET is ready for use

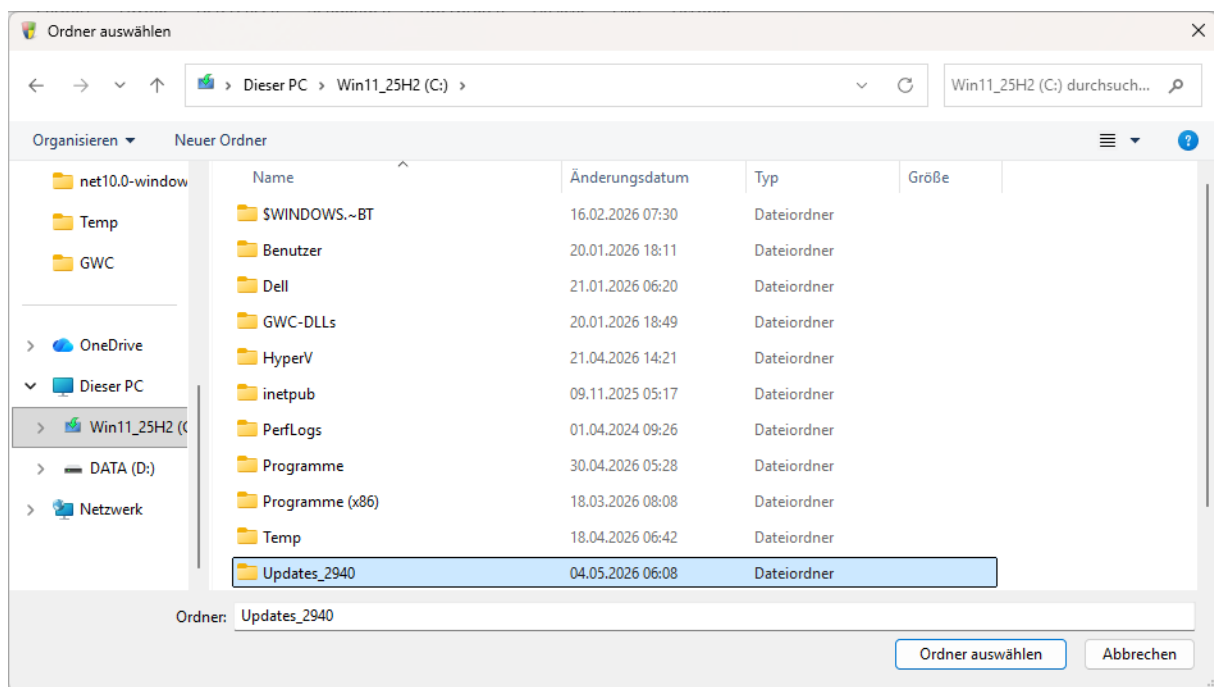
3.1 Uninstalling a previous version



Welcome screen during uninstallation



Transfer database



Select update directory

4. Using Get WSUS Content .NET

4.1 The basic problem

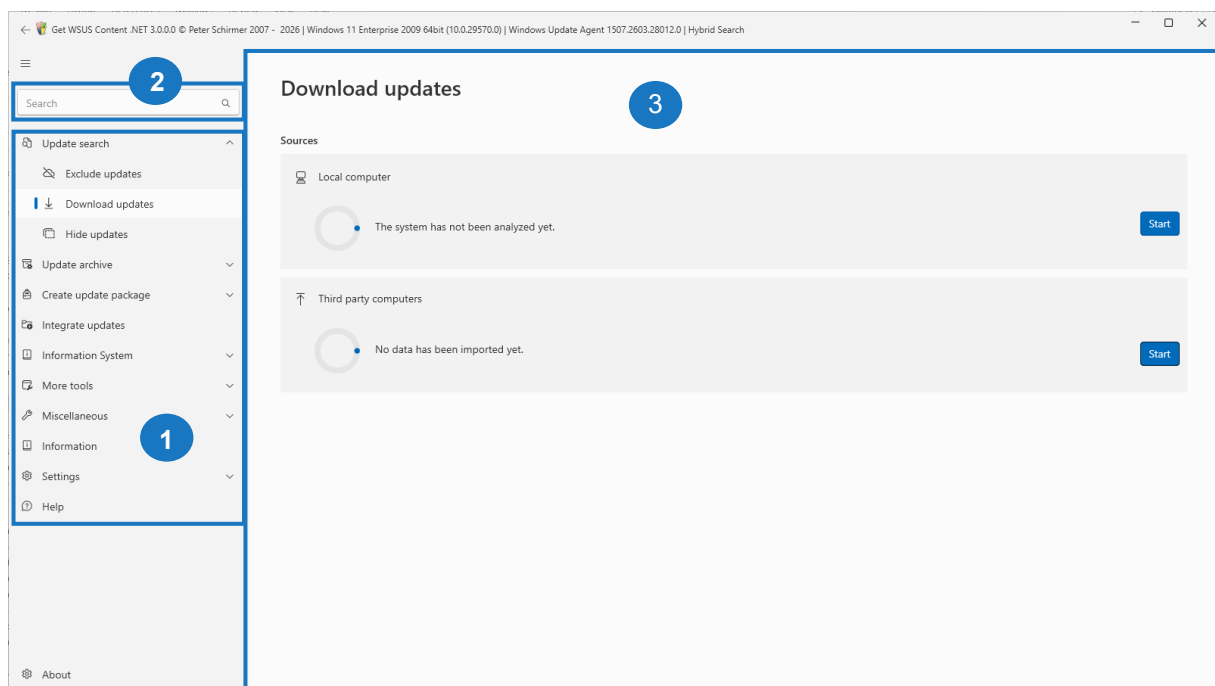
A large number of updates have been released to date for various Microsoft products. Some of these are extremely important, as they protect against intruders from the internet. Windows Update offers the option to install these updates online. However, if the computer needs to be reinstalled, Windows Update is of no help, as the updates are not stored on the computer in a simple format so that they can be reused later.

4.2 The solution

This is exactly where Get WSUS Content .NET comes in. The computer is scanned and all updates required for the computer are identified. These are downloaded and stored in a personal update archive for reuse. An external hard drive can be created from this update archive, which then installs the updates. Alternatively, the installation can also be carried out from the local hard drive.

4.3 Getting started

Get WSUS Content .NET is launched by double-clicking on it from the desktop or from the Start menu. The main dialogue box appears, divided into several sections.



The main dialogue

1. Tasks

On the left-hand side, the tasks that can be performed with Get WSUS Content .NET are displayed in a tree structure.

2. Search field

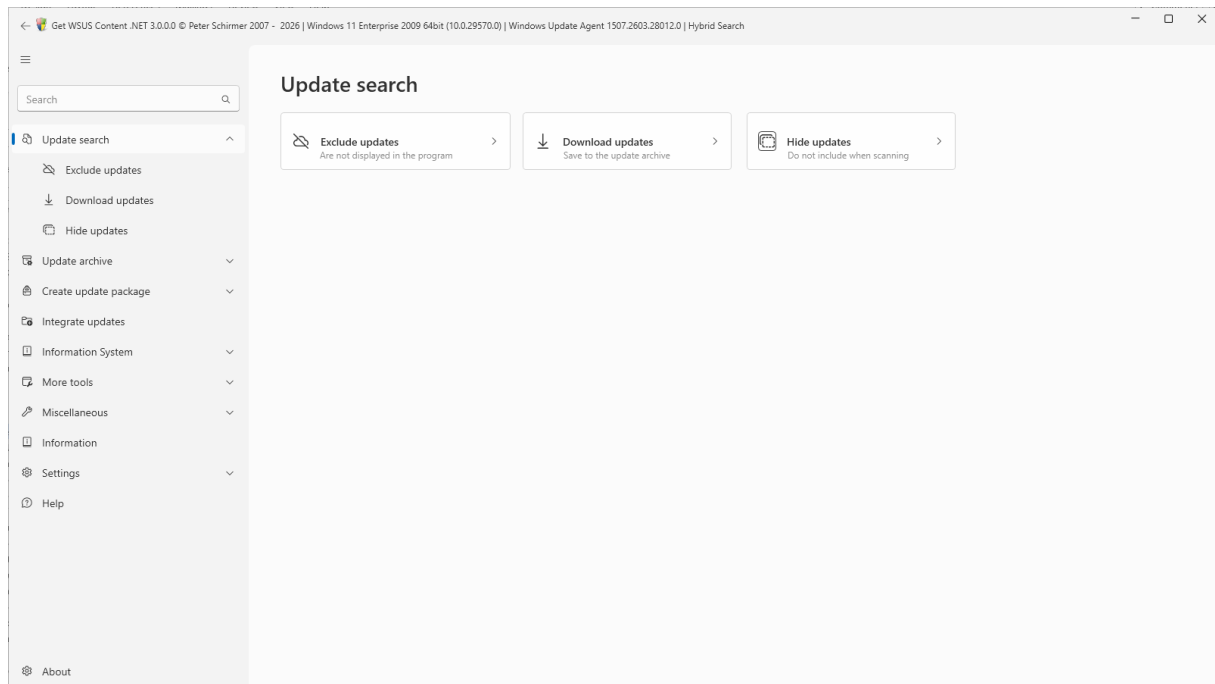
The input field allows you to search for individual tasks. They can be launched directly from the field.

3. Main section

The individual screens for the respective tasks are displayed in the centre of the programme. The image above shows the search for updates. Different screens are displayed depending on the selected task.

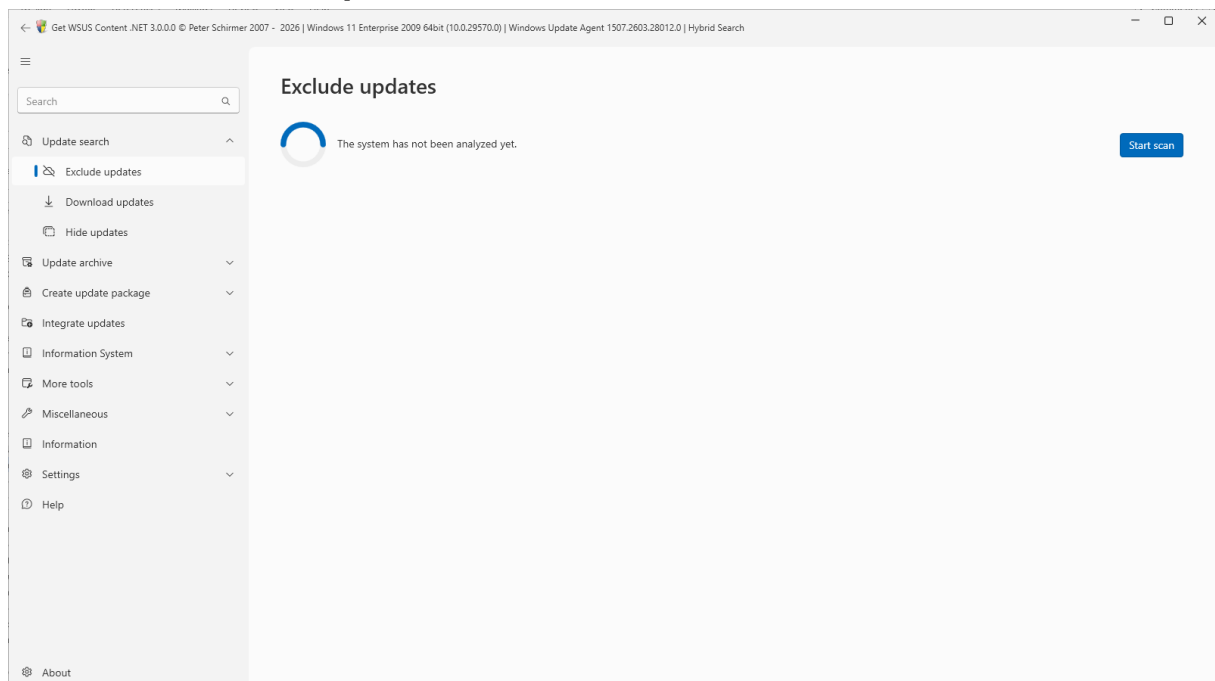
4.4 Tasks

4.4.1.1 Update search

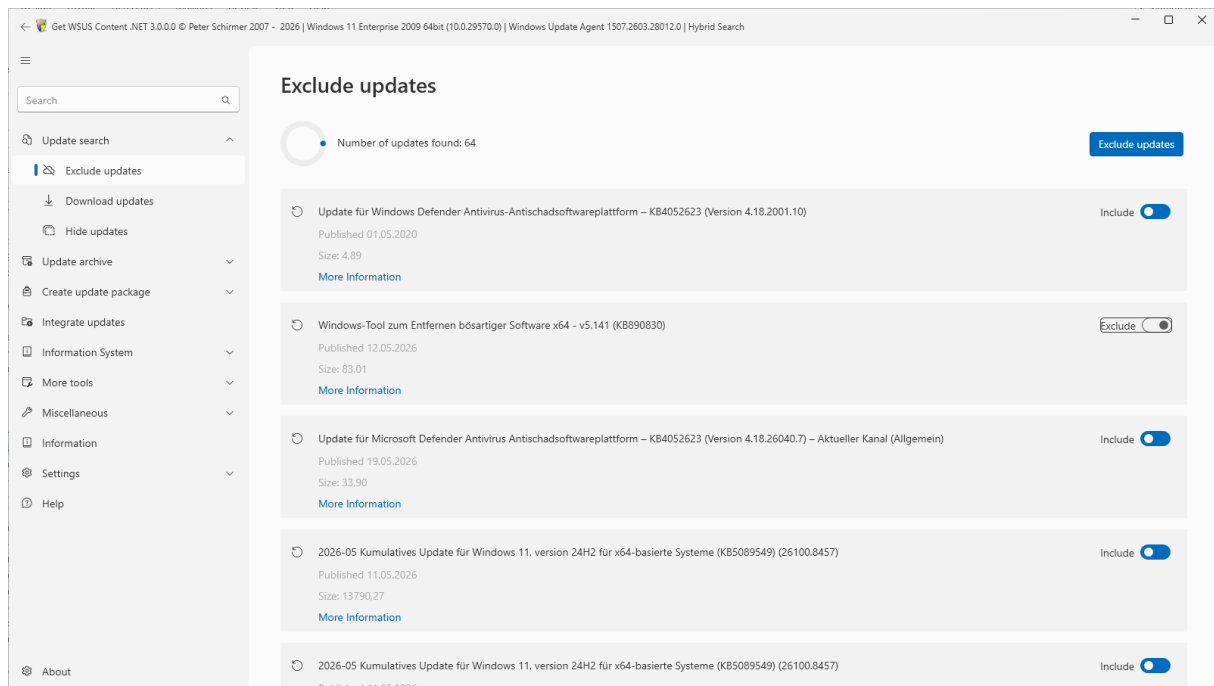


Overview of tasks

4.4.1.1.1 Exclude Updates

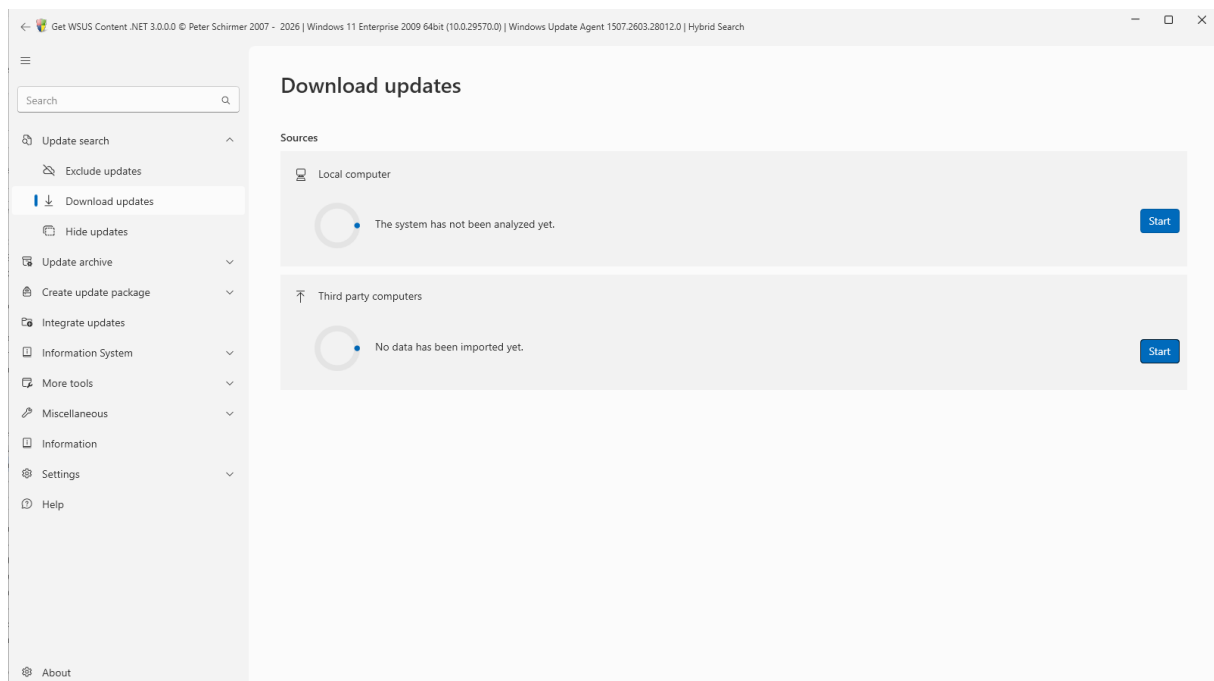


Start screen

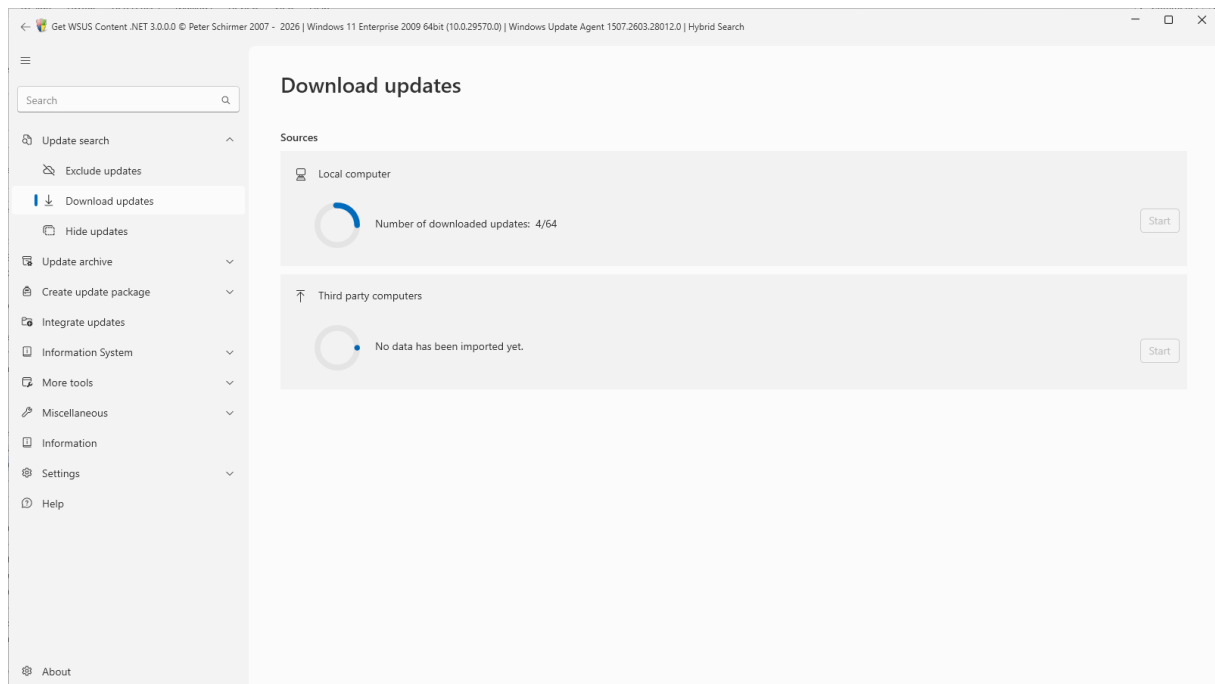


Scan results

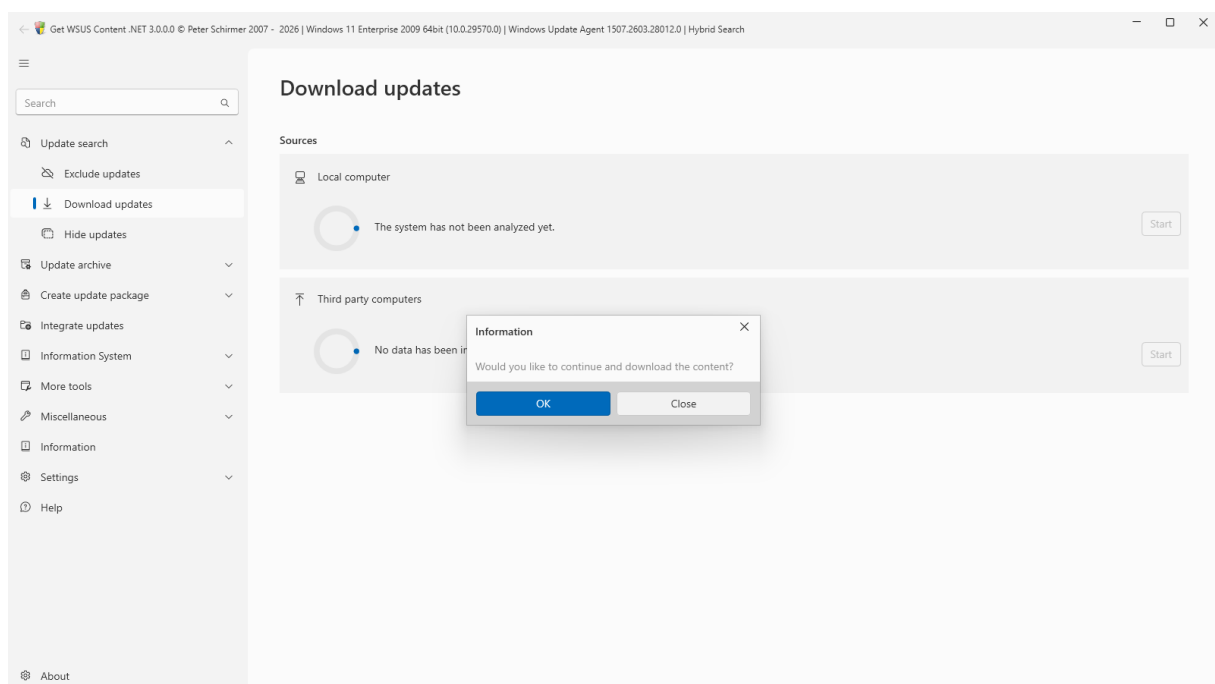
4.4.1.1.2 Download updates



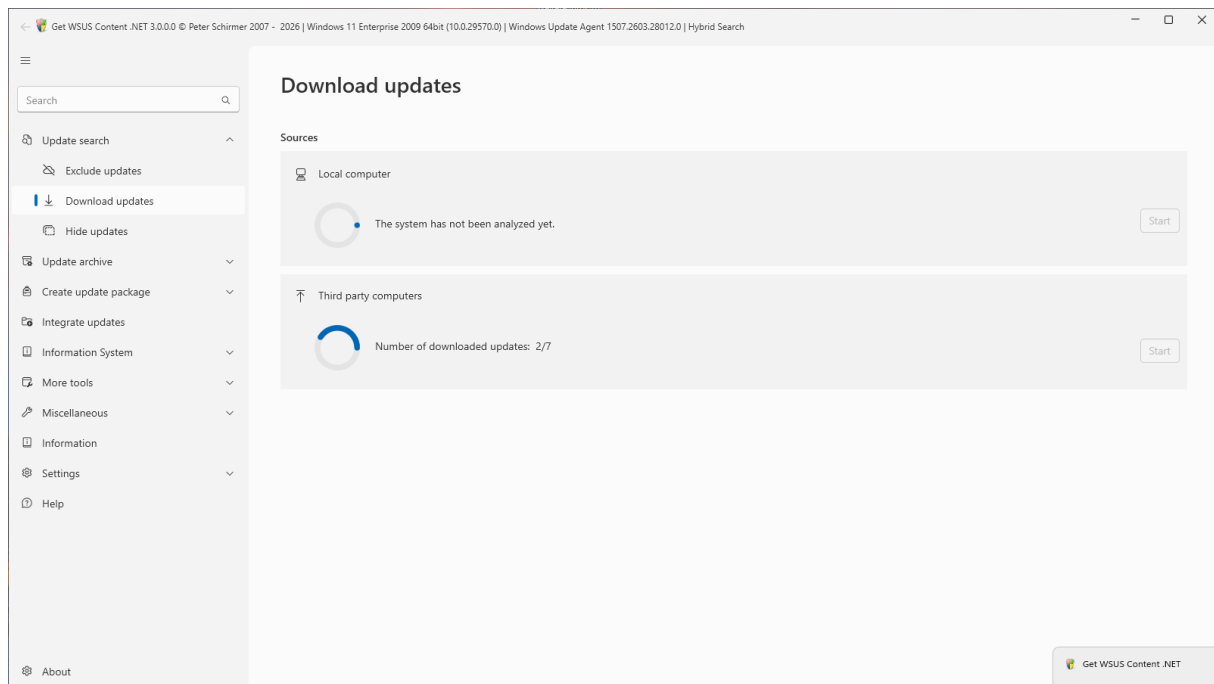
Sources for downloading updates



Download in progress

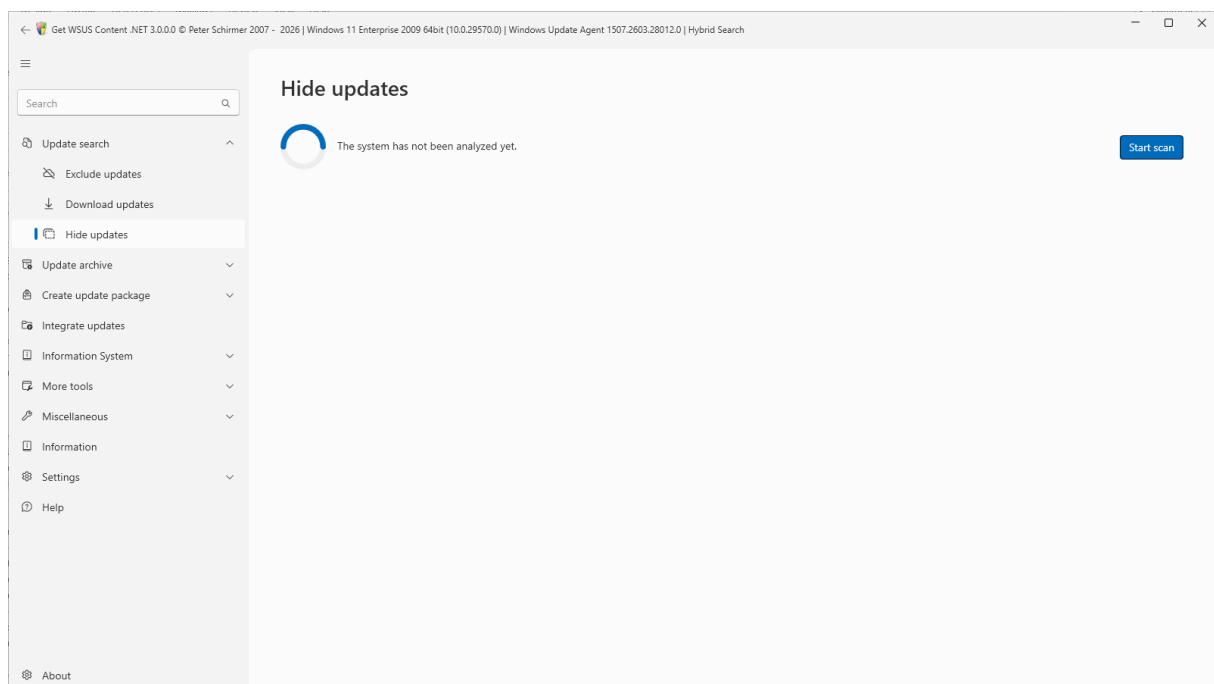


Note

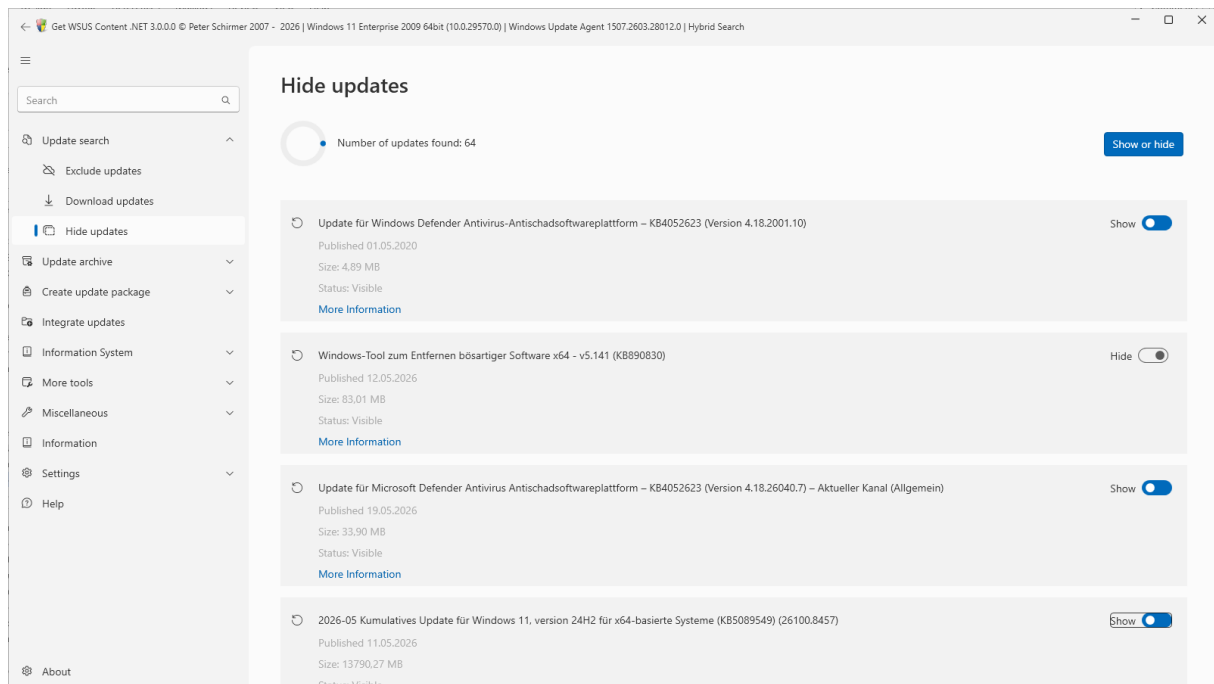


Download in progress

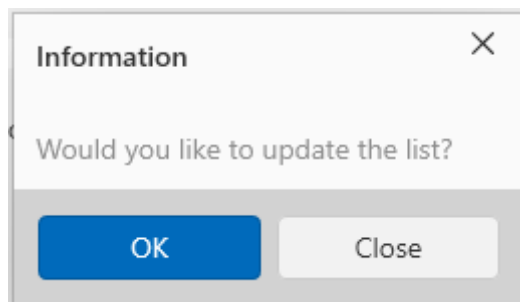
4.4.1.1.3 Show and hide updates



Start screen

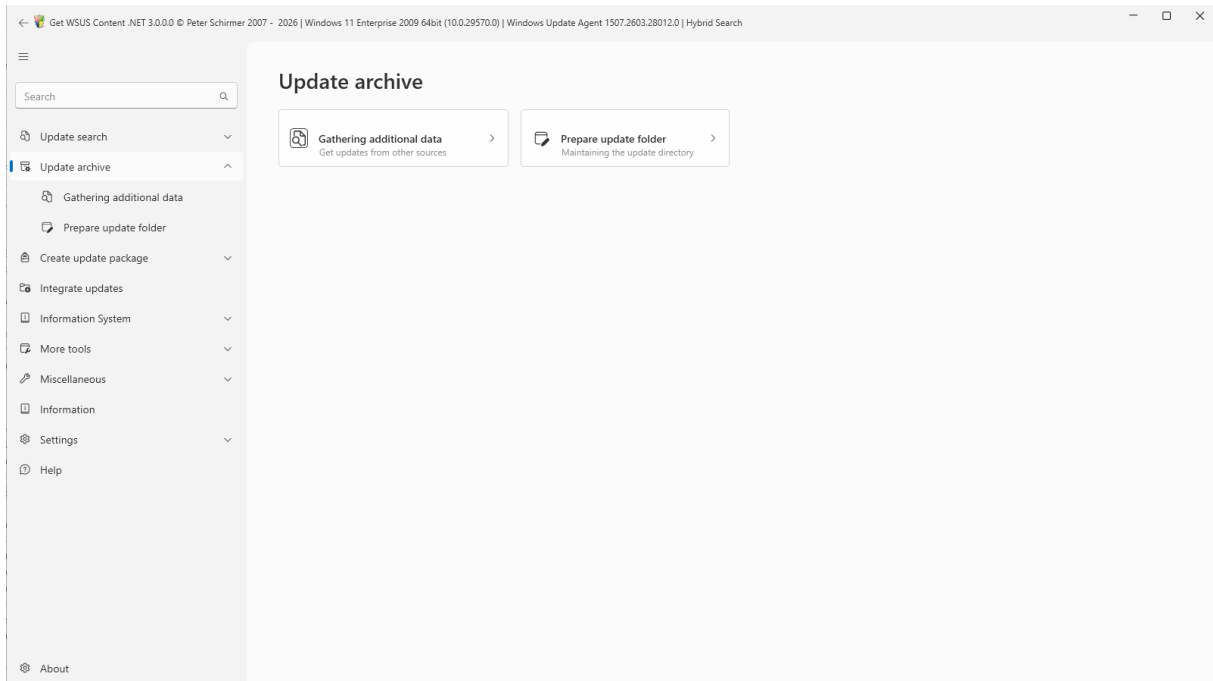


The selection dialogue



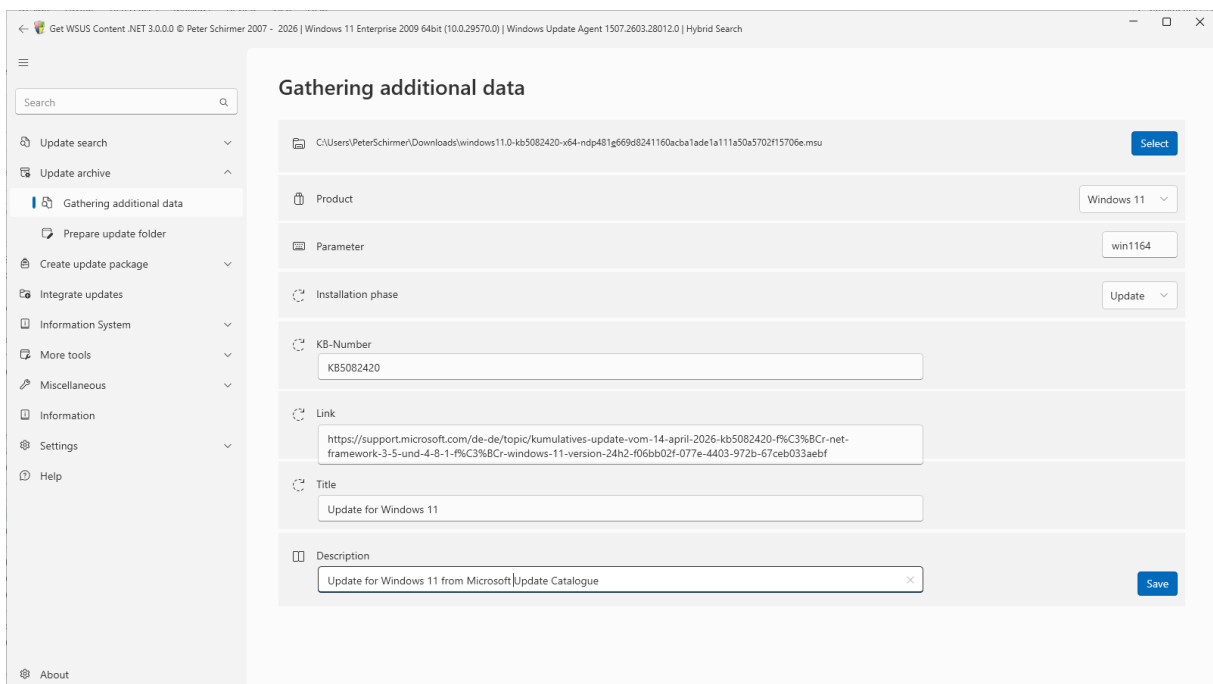
Note

4.4.1.1.4 Update archive



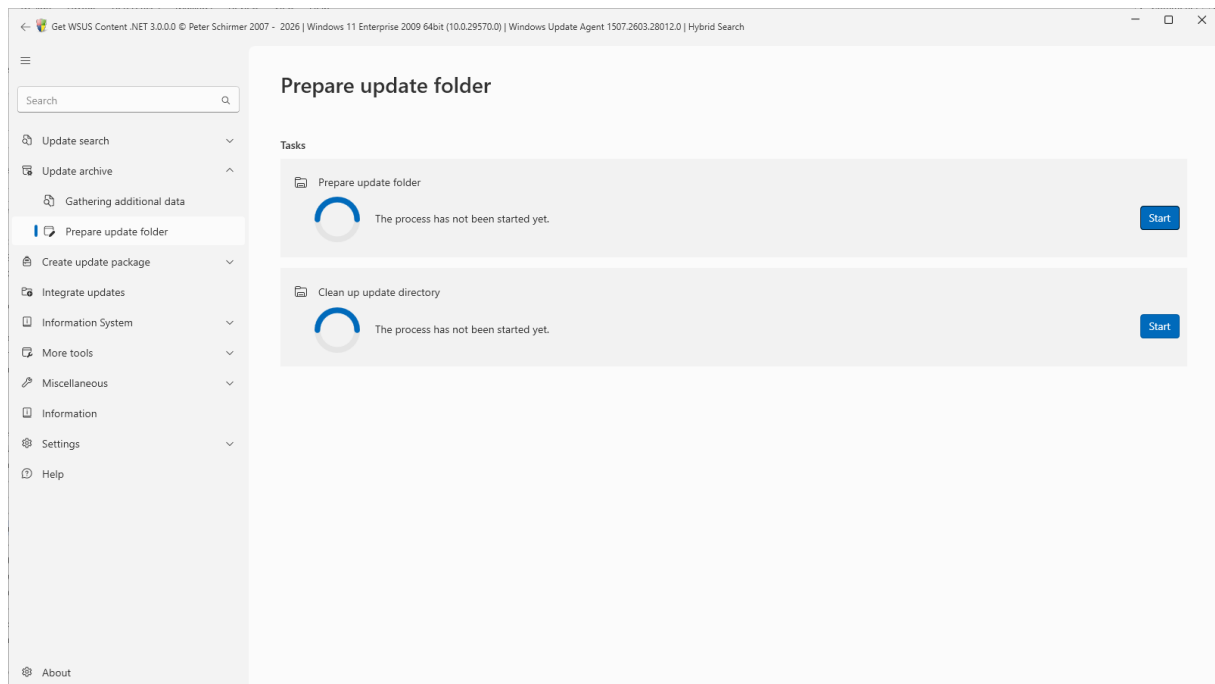
Overview of tasks

4.4.1.1.5 Gathering additional data



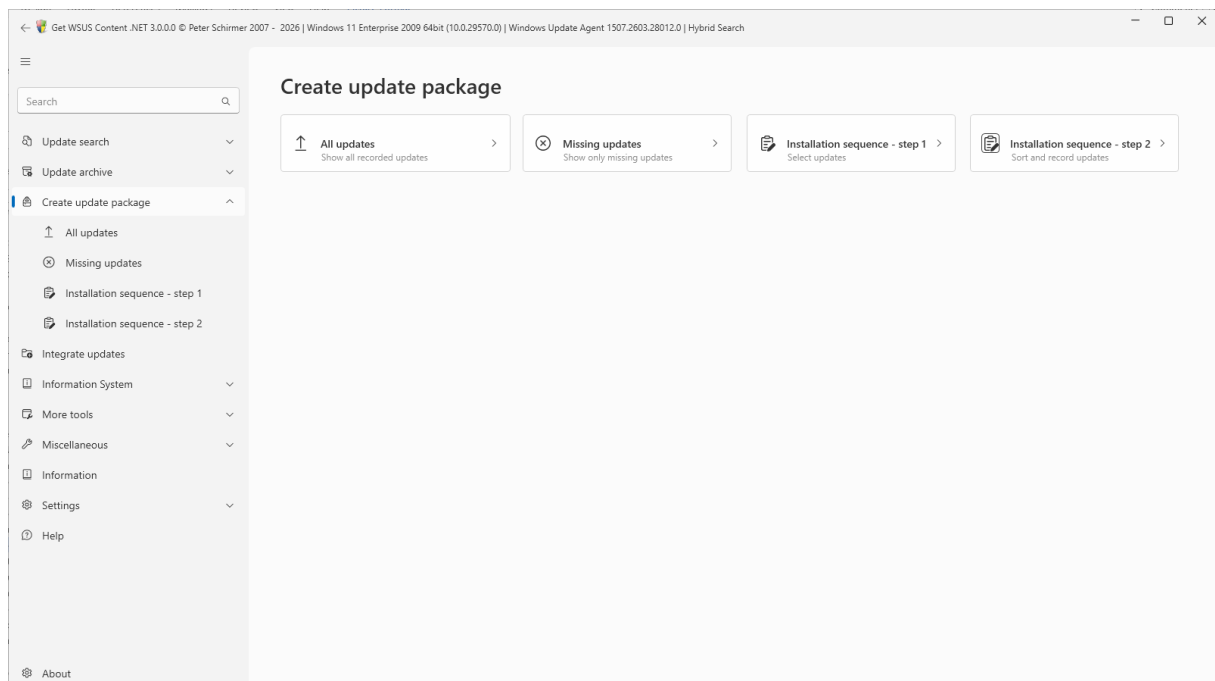
Capture

4.4.1.1.6 Organising the update directory



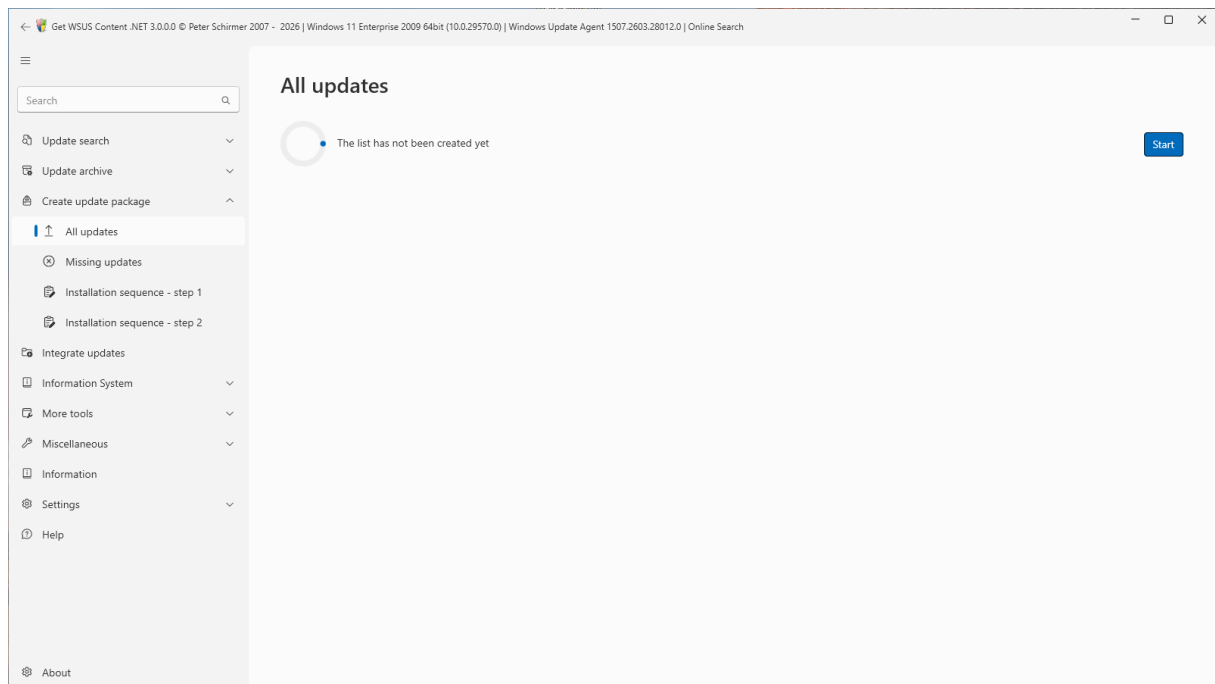
Initial screen

4.4.1.2 Create update package

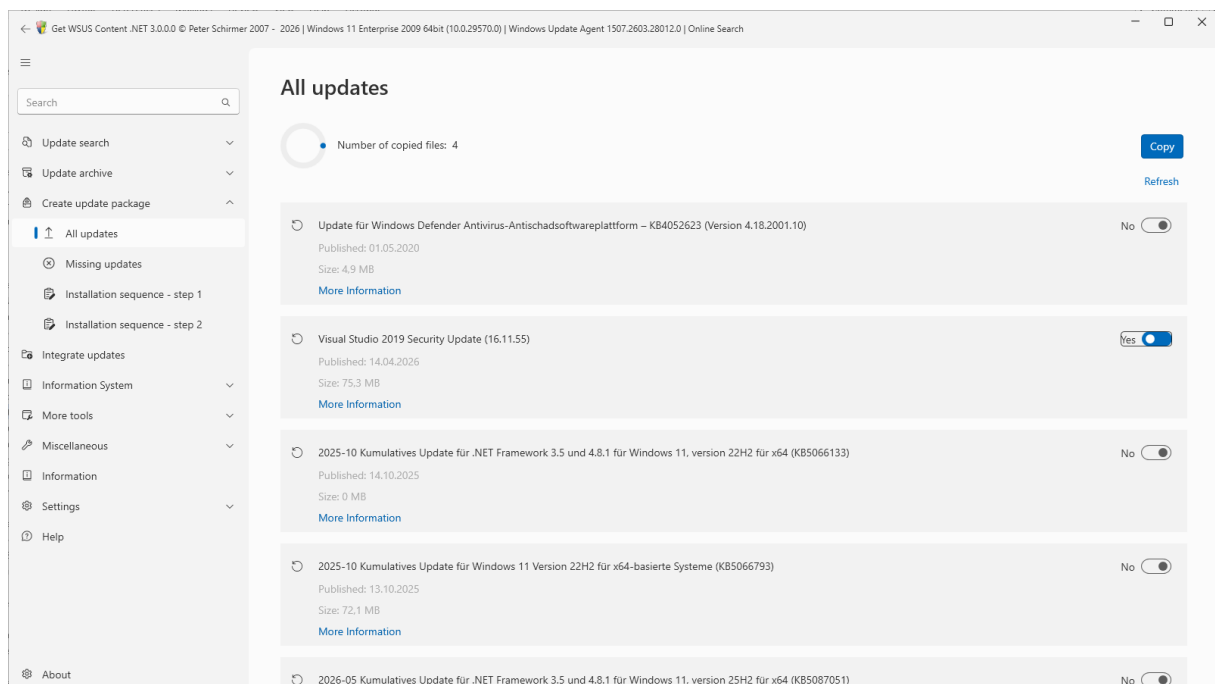


Task overview

4.4.1.2.1 All updates

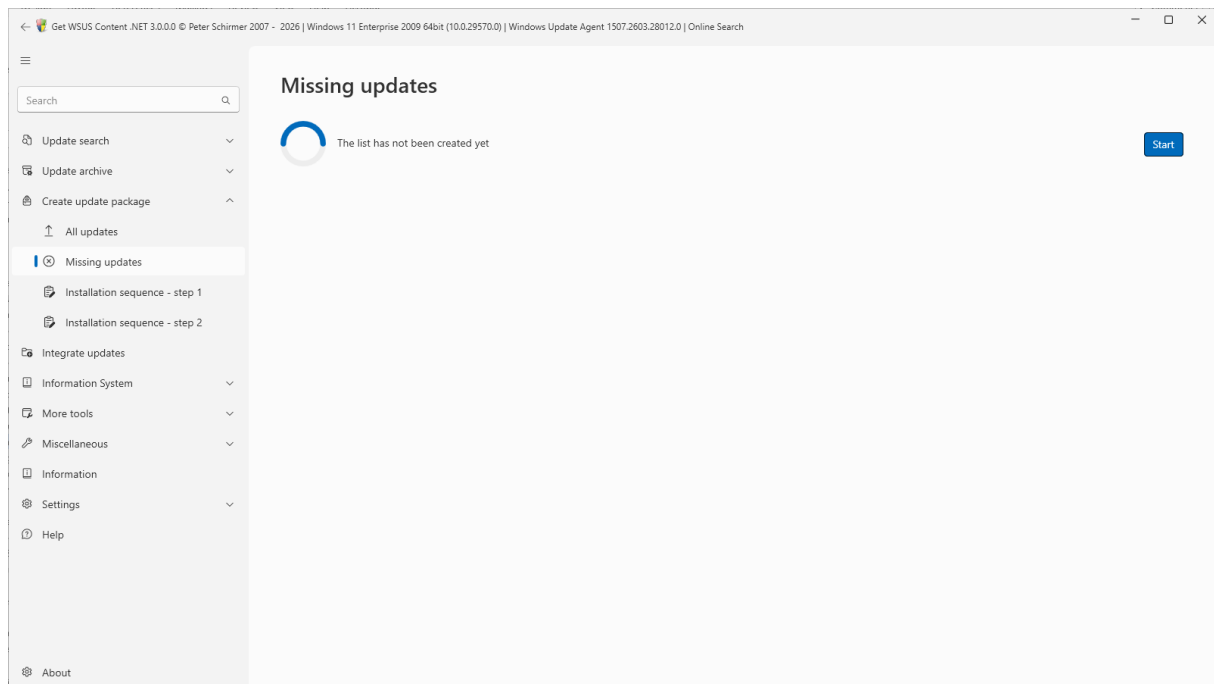


Initial screen

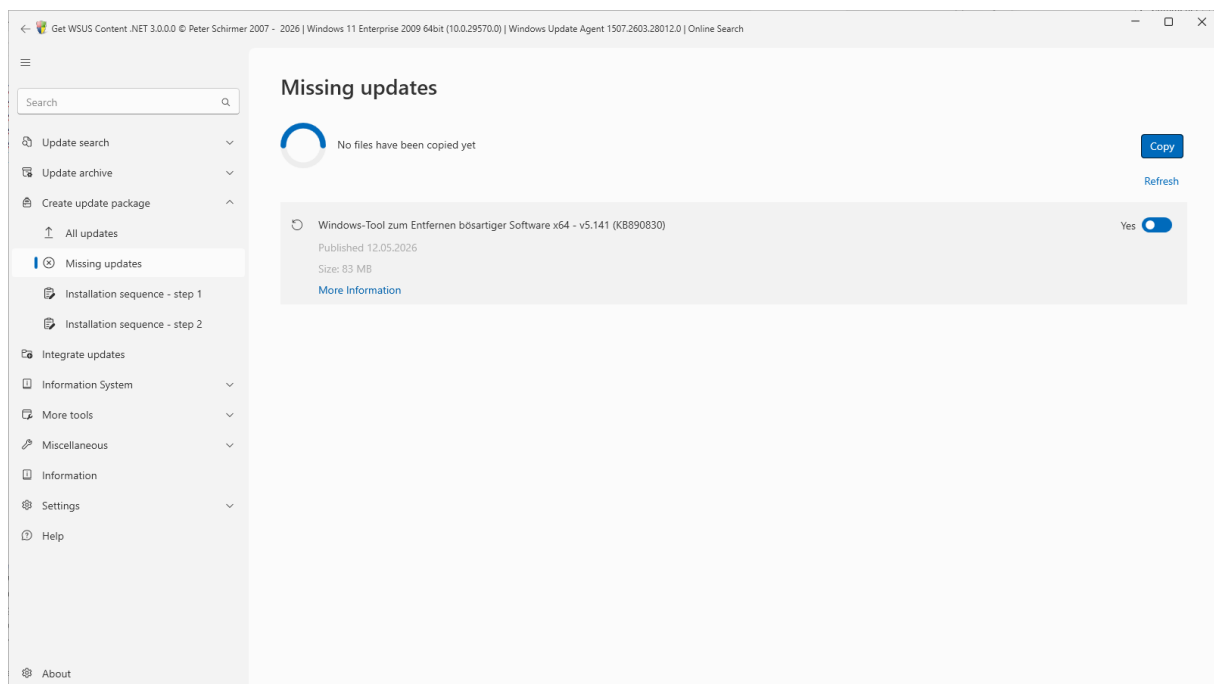


Selecting updates

4.4.1.2.2 Missing updates

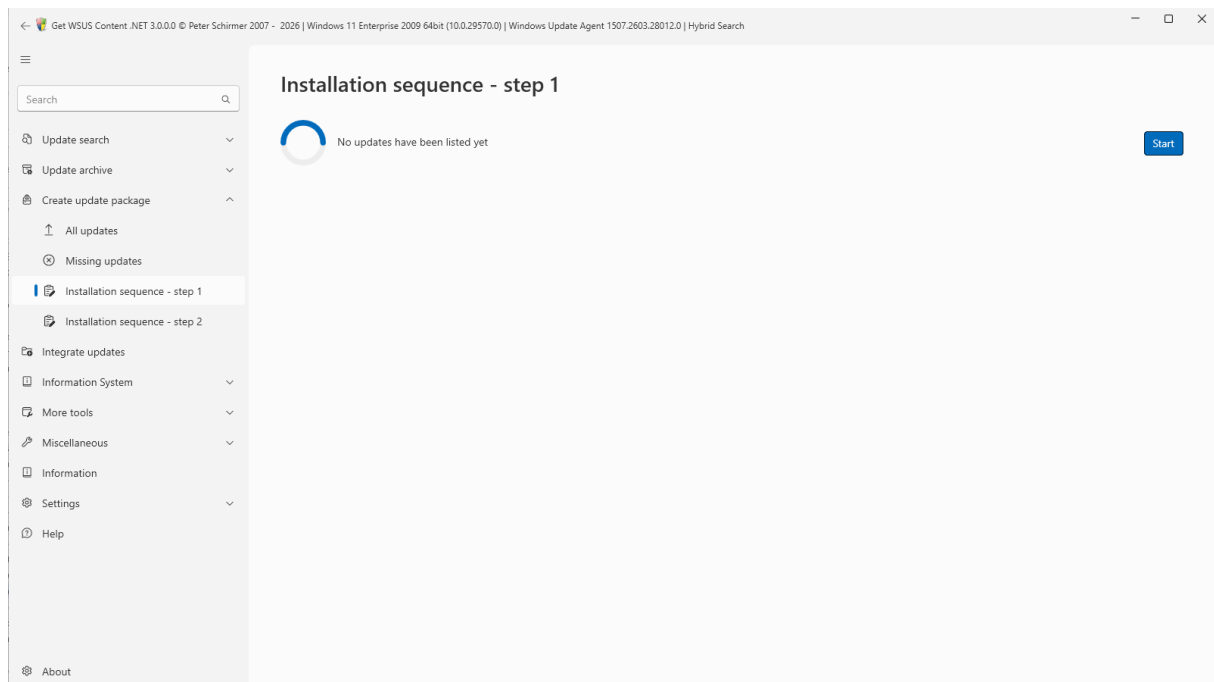


Initial screen

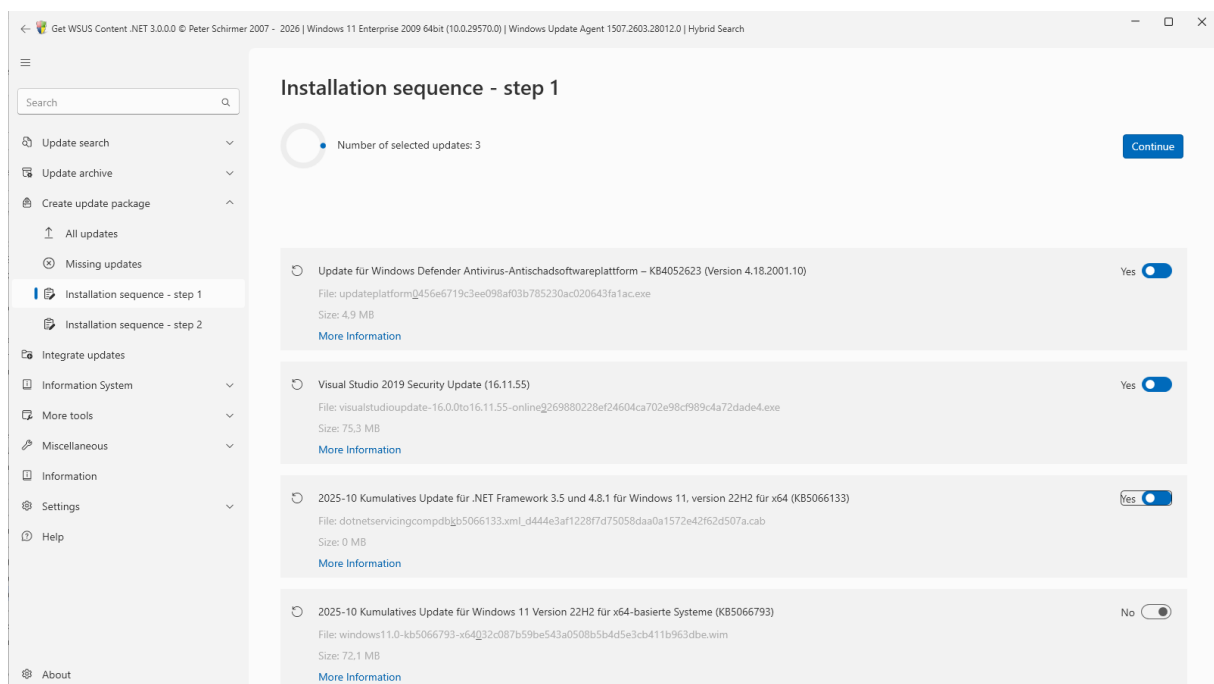


There is one missing update on the computer

4.4.1.2.3 Create installation sequence, steps 1 and 2



Start screen



The loaded and selected data

Get WSUS Content .NET 3.0.0.0 © Peter Schirmer 2007 - 2026 | Windows 11 Enterprise 2009 64bit (10.0.29570.0) | Windows Update Agent 1507.2603.28012.0 | Hybrid Search

Search

Update search
Update archive
Create update package
All updates
Missing updates
Installation sequence - step 1
Installation sequence - step 2
Integrate updates
Information System
More tools
Miscellaneous
Information
Settings
Help
About

Installation sequence - step 2

File:

Installation phase:

KB-Number:

Title:

Description:

Link:

Load files

Save

Set order

Get WSUS Content .NET 3.0.0.0 © Peter Schirmer 2007 - 2026 | Windows 11 Enterprise 2009 64bit (10.0.29570.0) | Windows Update Agent 1507.2603.28012.0 | Hybrid Search

Search

Update search
Update archive
Create update package
All updates
Missing updates
Installation sequence - step 1
Installation sequence - step 2
Integrate updates
Information System
More tools
Miscellaneous
Information
Settings
Help
About

Installation sequence - step 2

File:

Installation phase:

KB-Number:

Title:

Description:

Link:

Load files

Save

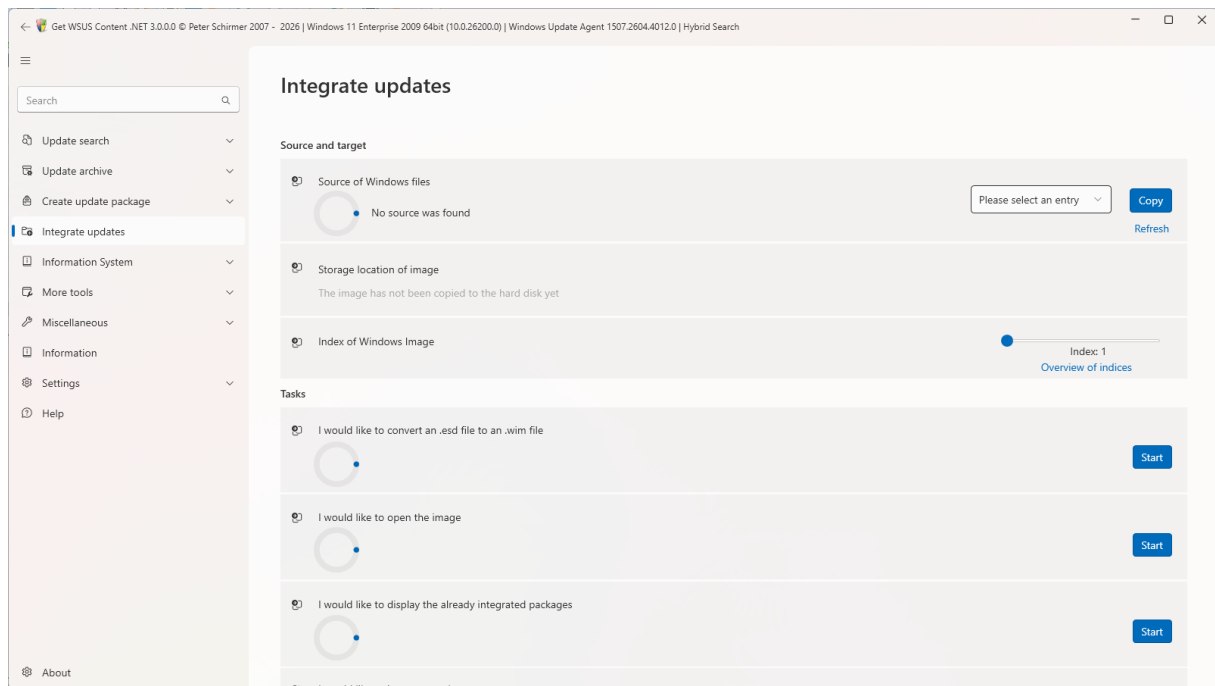
KB Visual Studio 2019 Security Update (16.11.55)
File: visualstudioupdate-16.0.0to16.11.55-online@269880228ef24604ca702e98cf989c4a72dade4.exe
Size: 75.3 MB
[More Information](#)

KB Update für Windows Defender Antivirus-Antischadsoftwareplattform – KB4052623 (Version 4.18.2001.10)
File: updateplatform@456e6719c3ee098af03b785230ac020643fa1ac.exe
Size: 4.9 MB
[More Information](#)

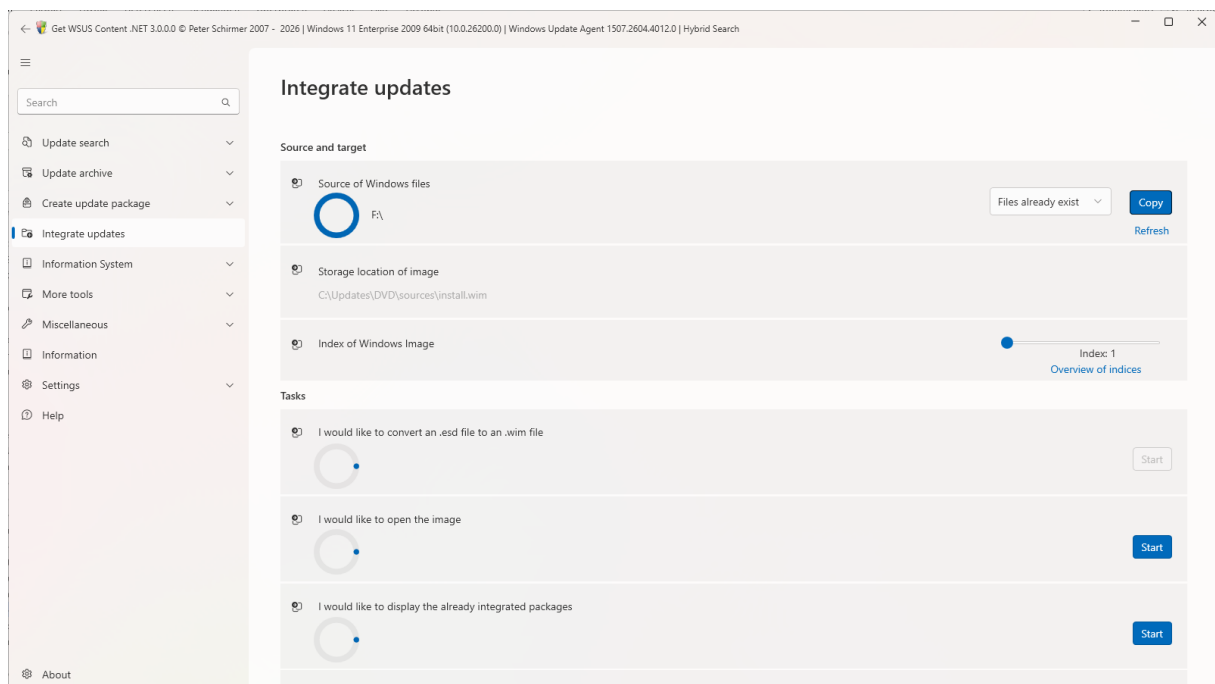
KB 2025-10 Kumulatives Update für .NET Framework 3.5 und 4.8.1 für Windows 11, version 22H2 für x64 (KB5066133)
File: dotnetservicingcompdbb5066133.xml_d444e3af1228f7d75058daa0a1572e42f62d507a.cab

Defined order and details for the sequence file

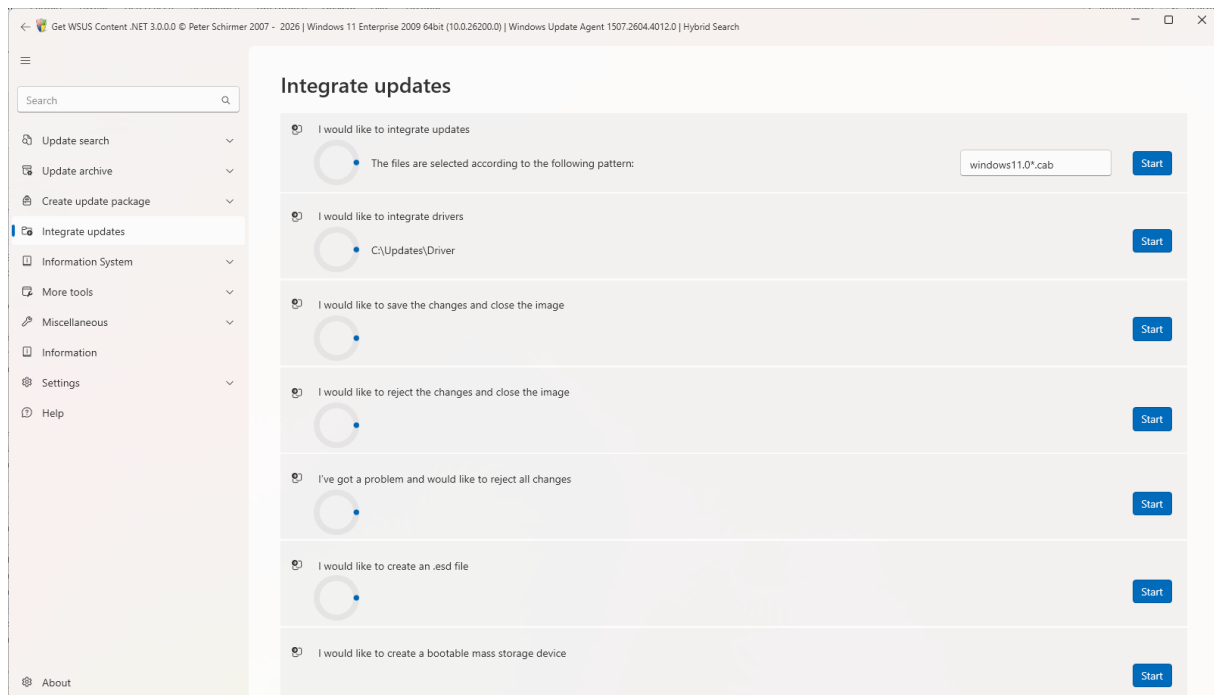
4.4.1.3 Integrating updates



Tasks for integration



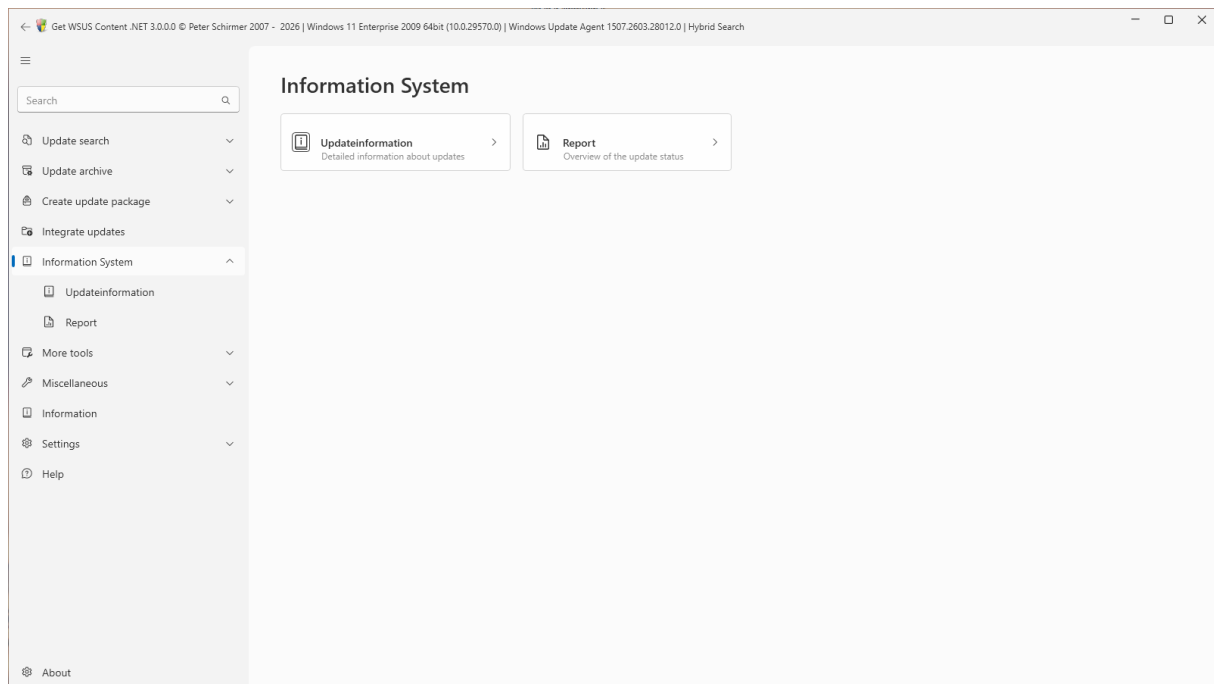
Options for editing the image, part 1



Options for editing the image, Part 2

4.4.1.4 Information System

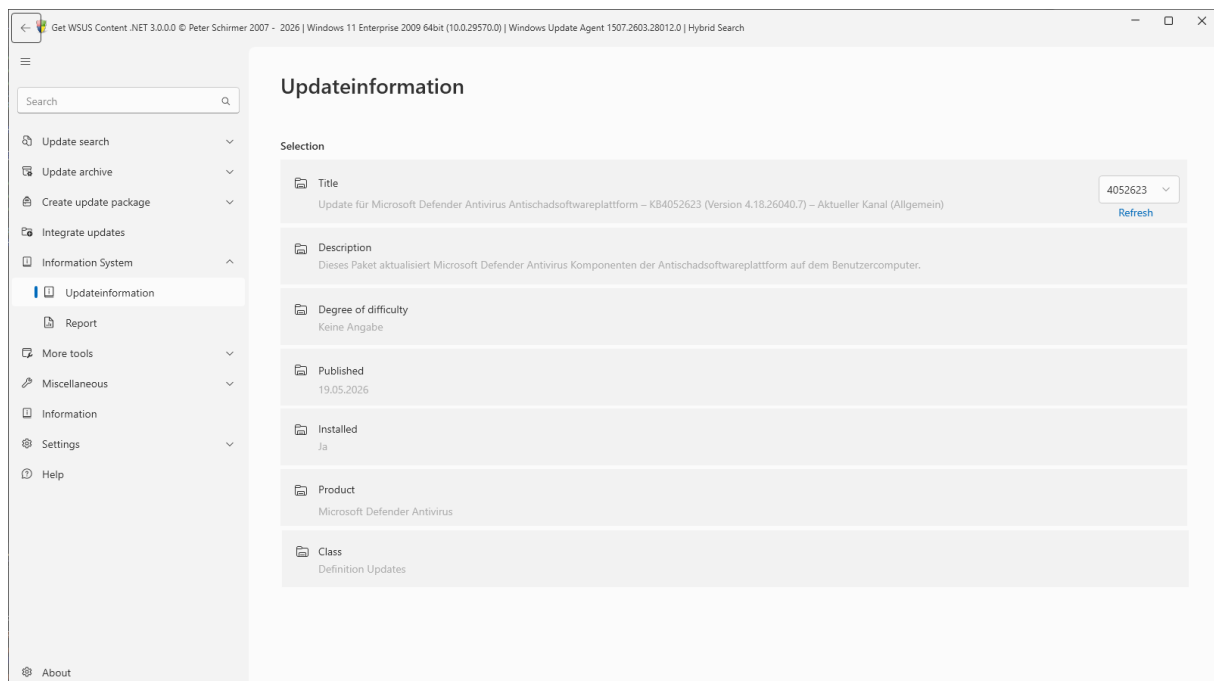
The following tasks are available here:



Overview of tasks

4.4.1.4.1 Updateinformation

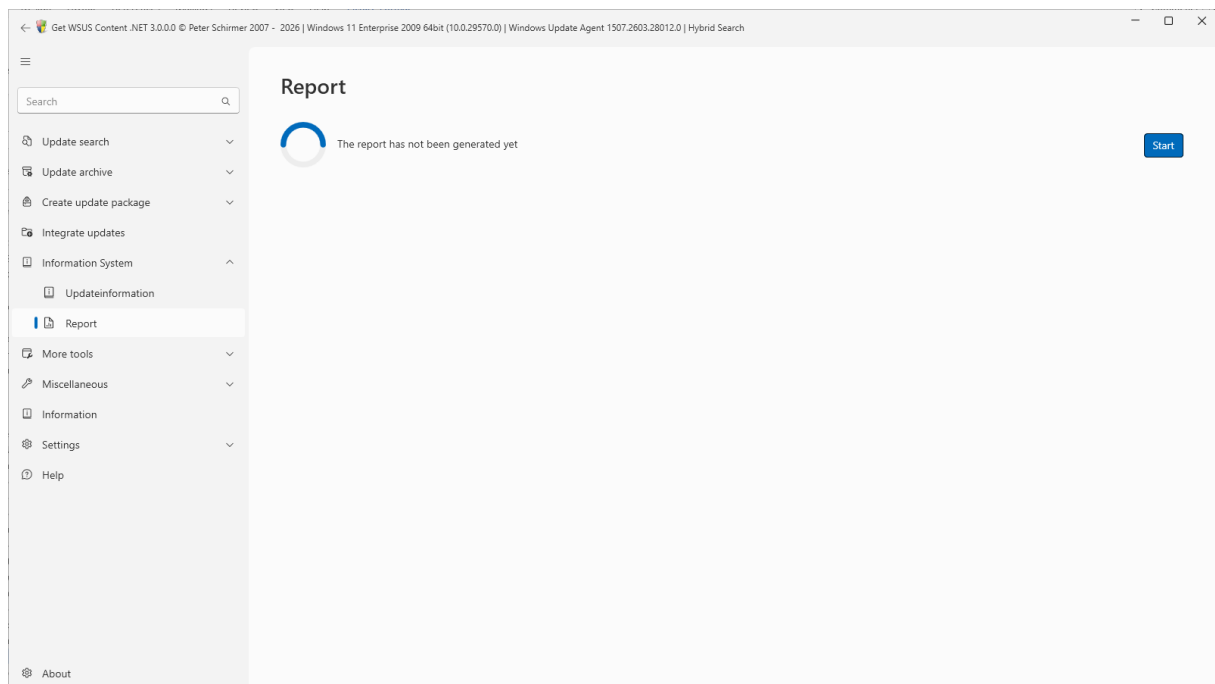
Detailed information on each individual update found can be accessed.



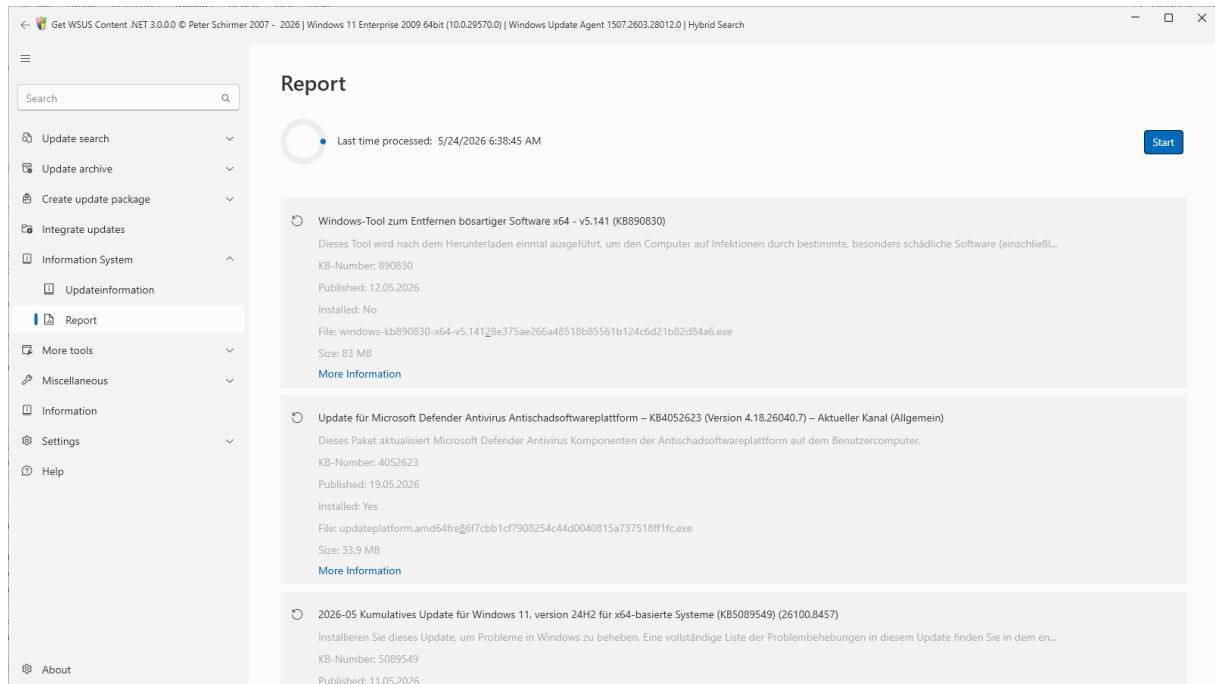
Information about an update

4.4.1.4.1 Report

The "Report" function can be used to display an overview of the update status.

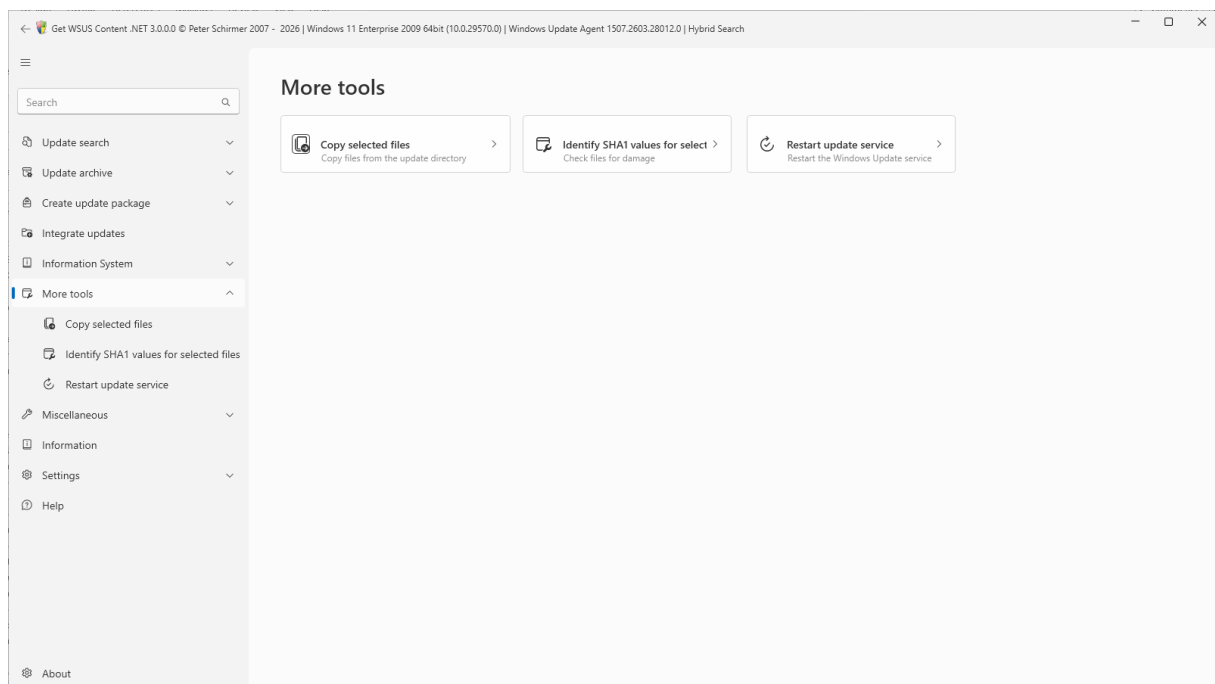


Initial screen



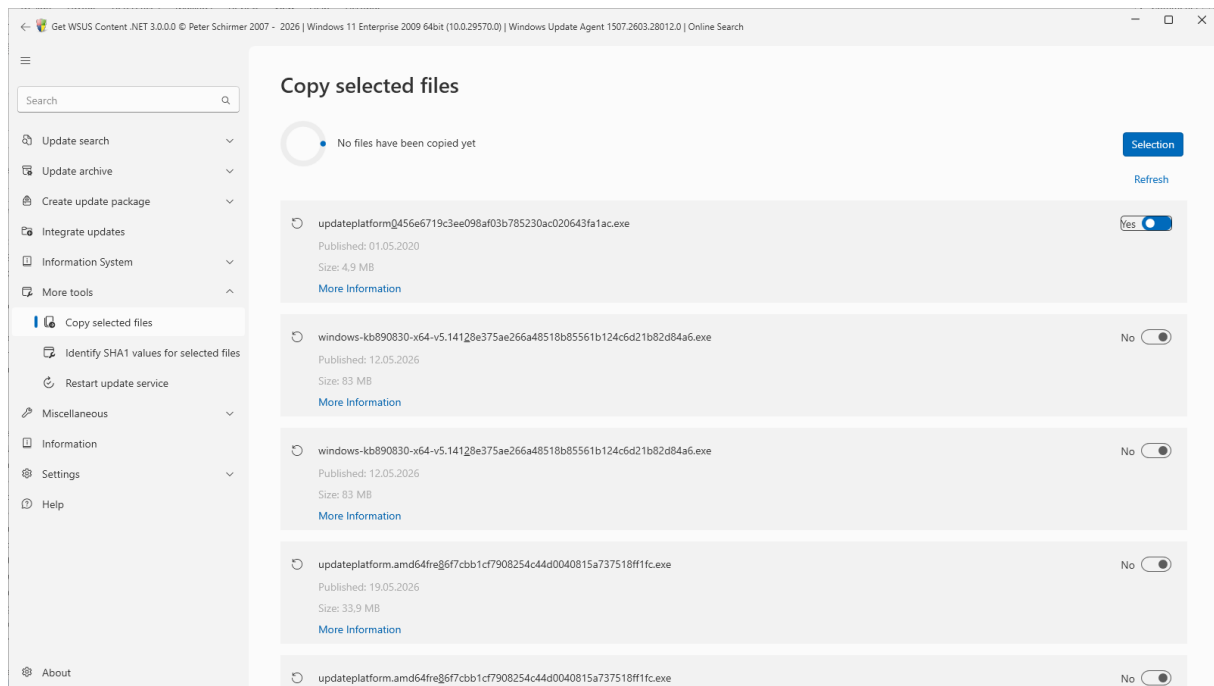
The result

4.4.1.5 More tools



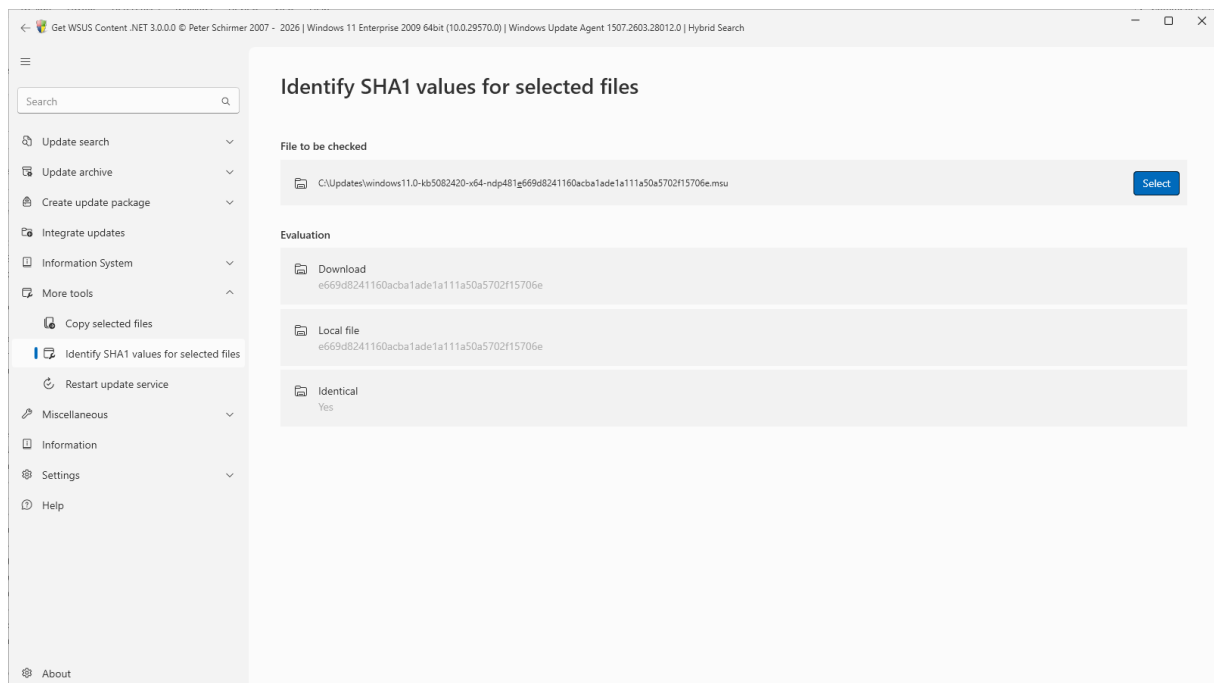
Overview of tasks

4.4.1.5.1 Copy selected files



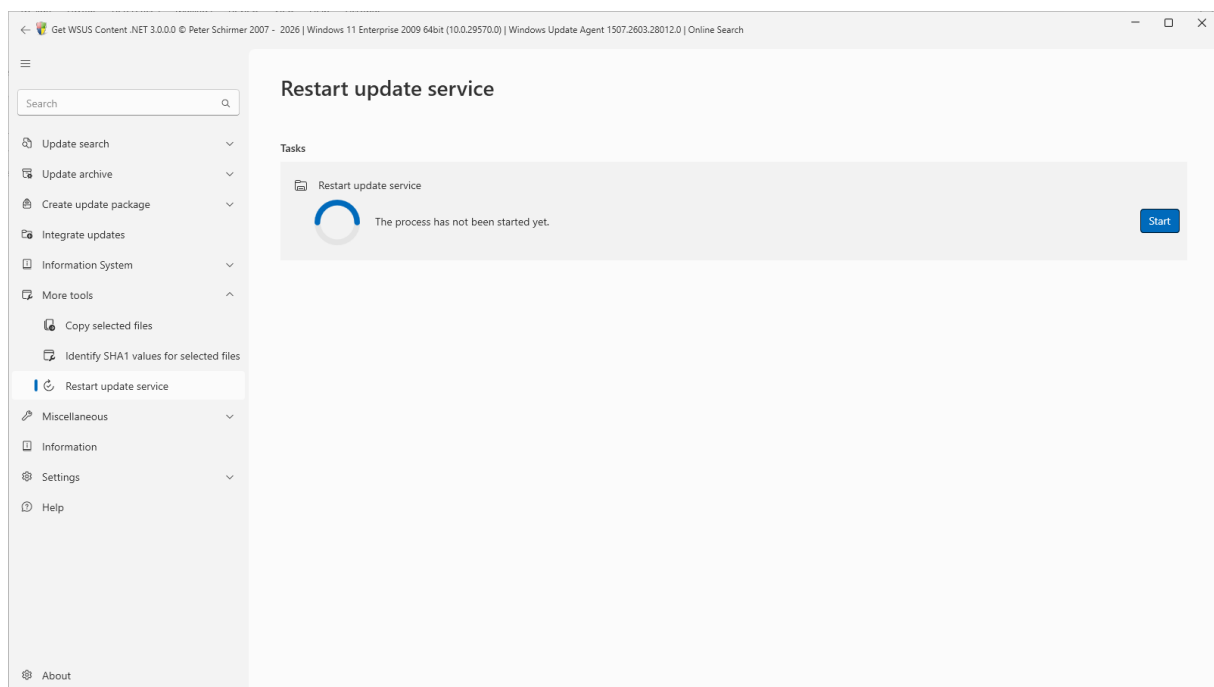
Start screen

4.4.1.5.2 Identify SHA1 values for selected files



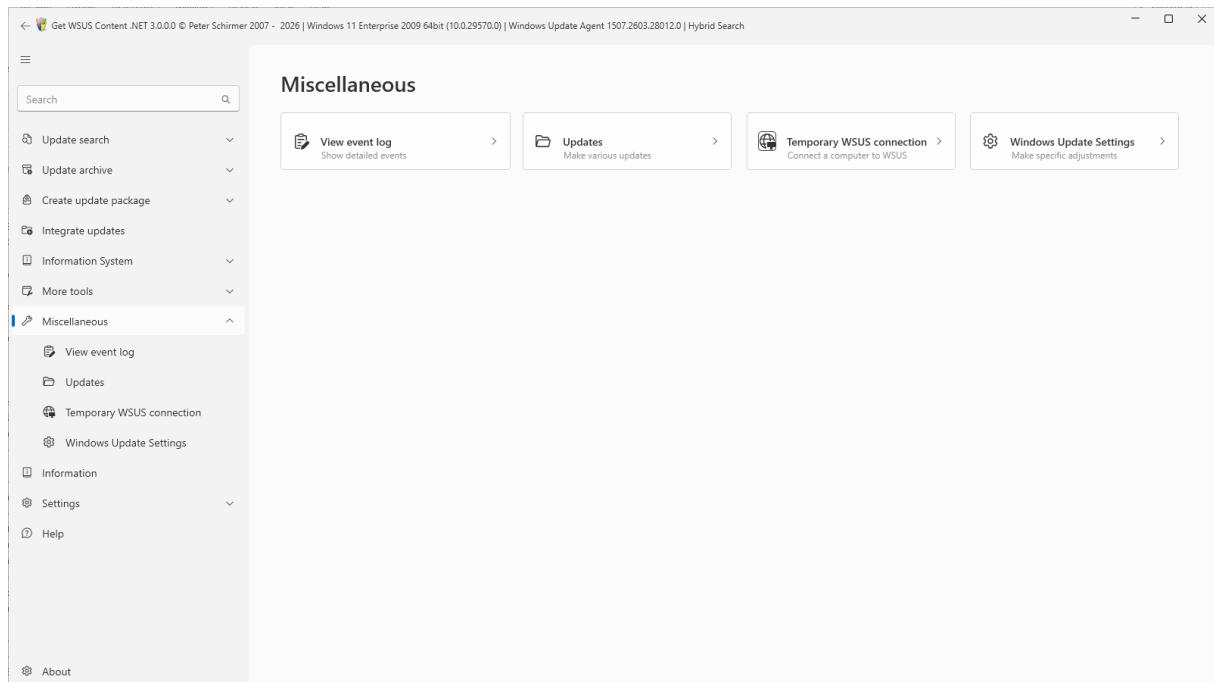
Comparing the SHA1 value of a file

4.4.1.5.3 Restart update service



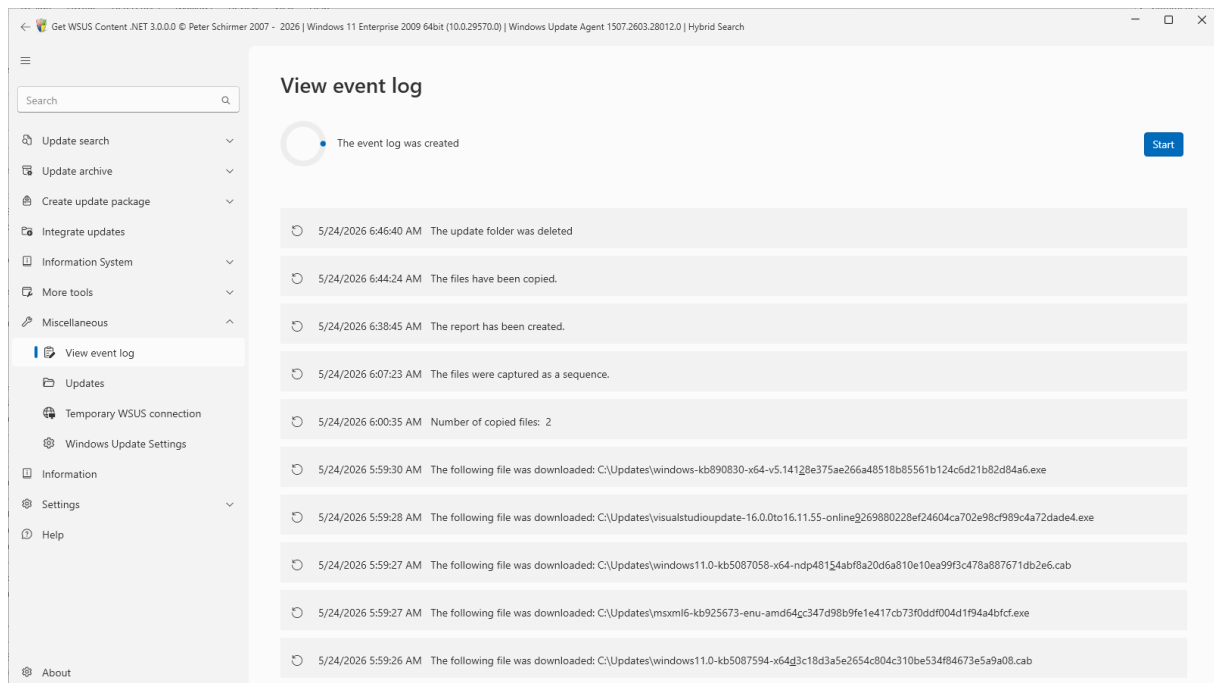
Initiate restart of the update service

4.4.2 Miscellaneous



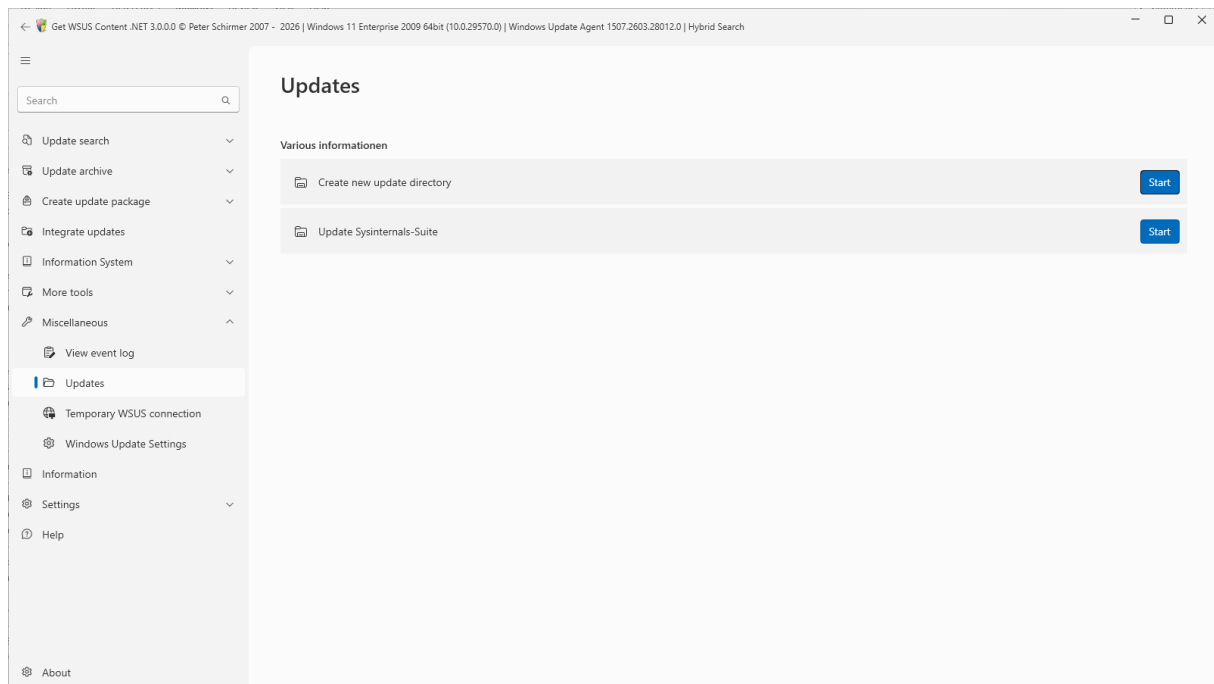
Overview of tasks

4.4.2.1.1 View event log



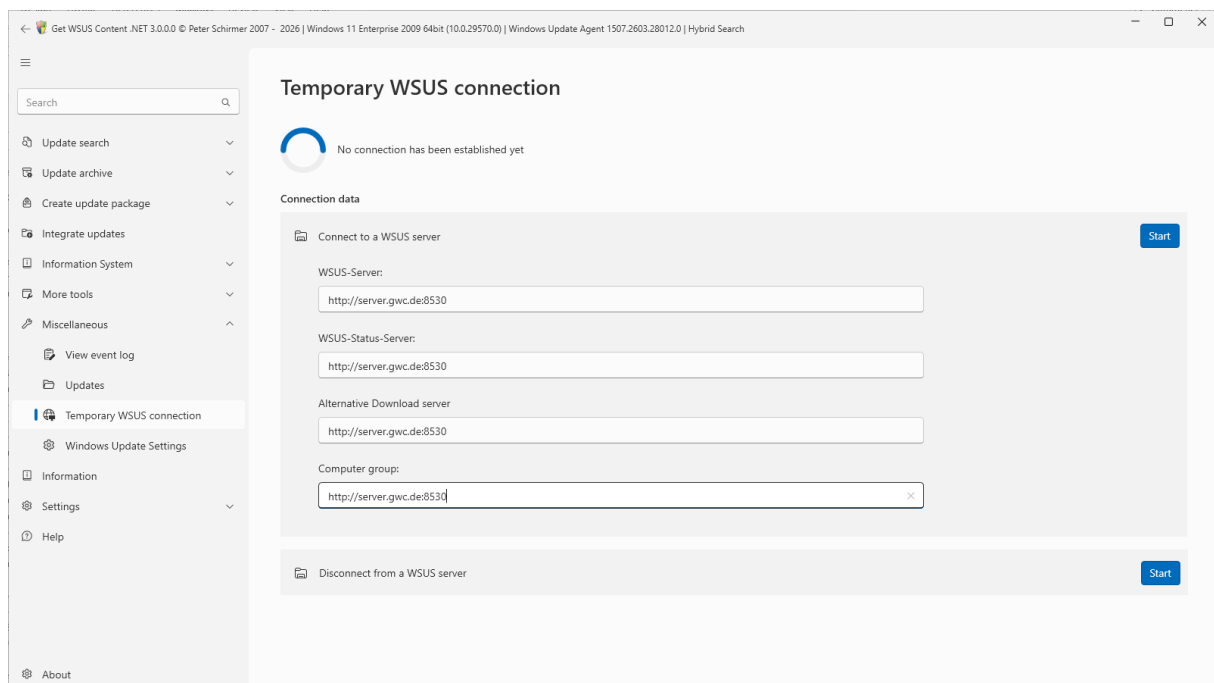
Output

4.4.2.1.2 Updates



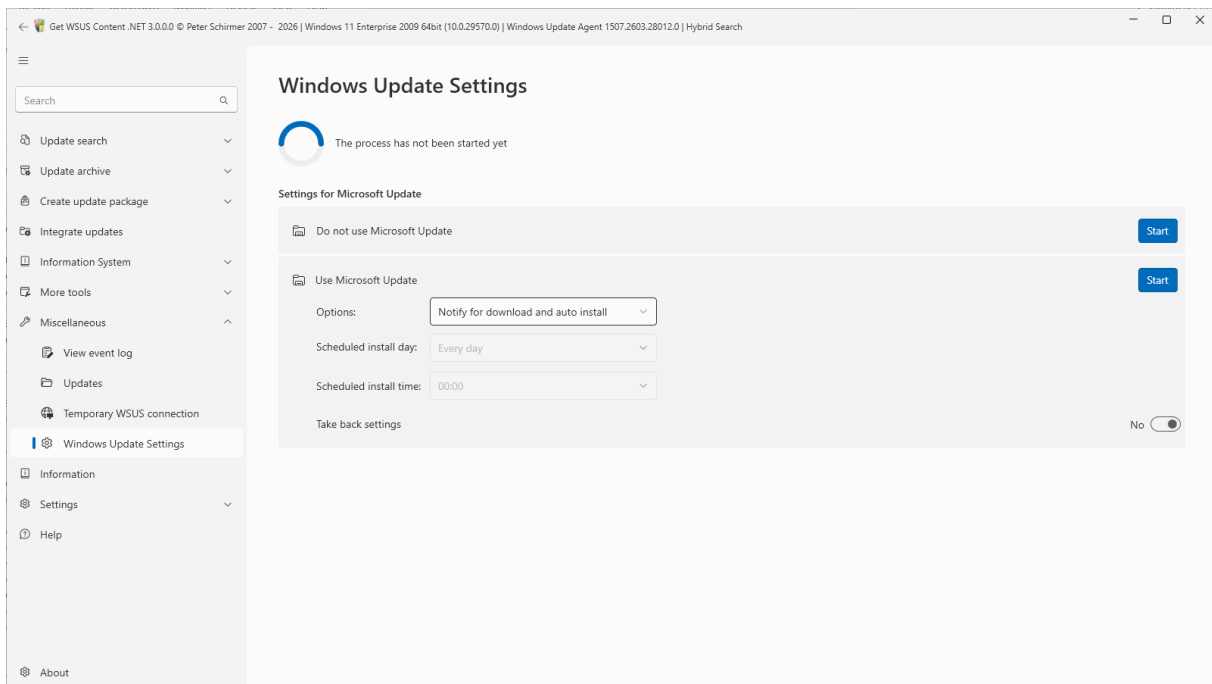
Start screen

4.4.2.1.3 Temporary WSUS connection



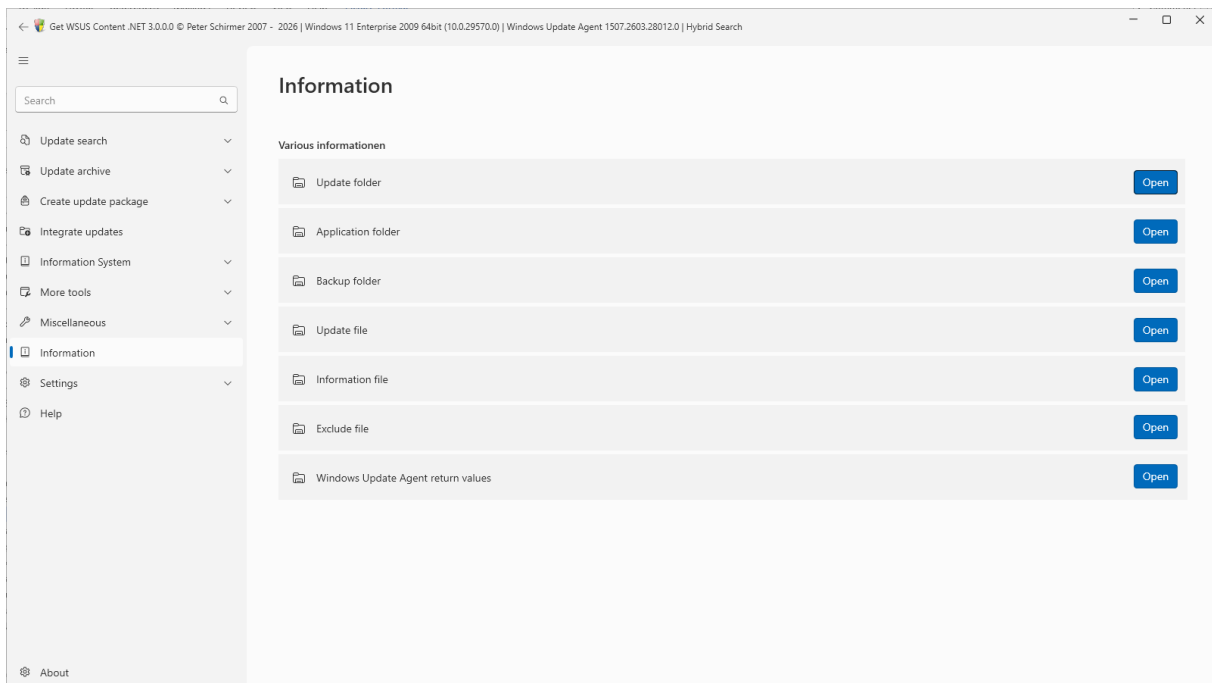
Establish a temporary connection to a WSUS server

4.4.2.1.4 Windows Update Settings



Settings for Microsoft Update

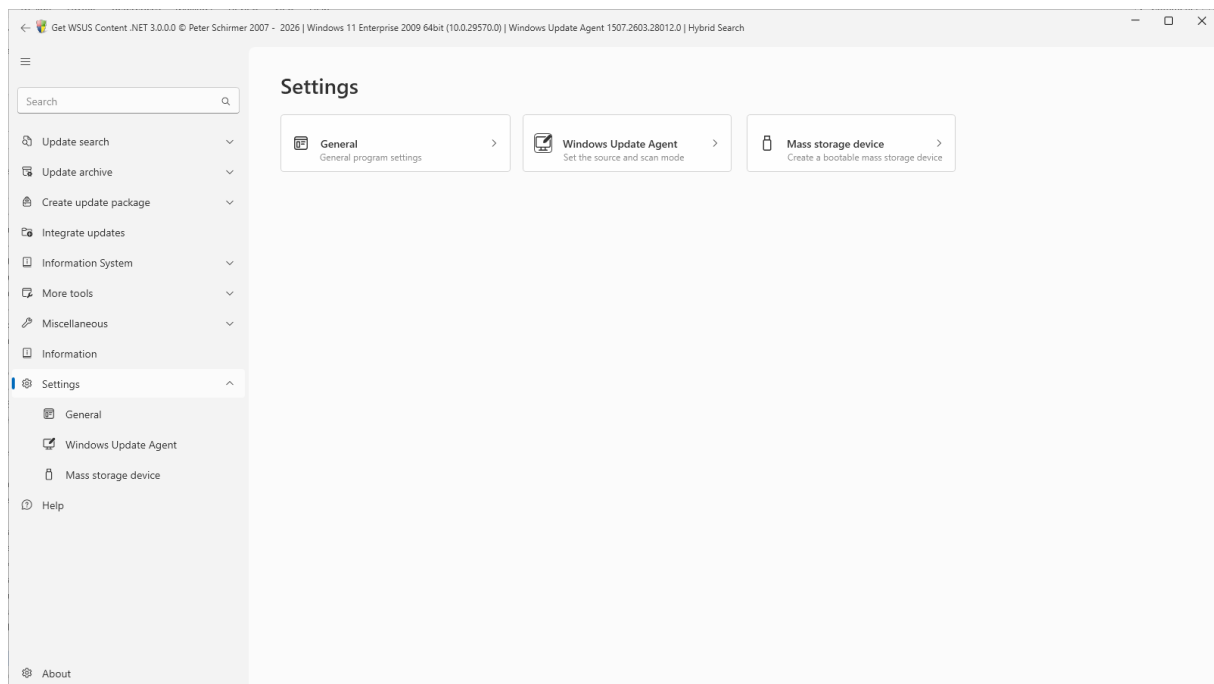
4.4.3 Information



Sources of information

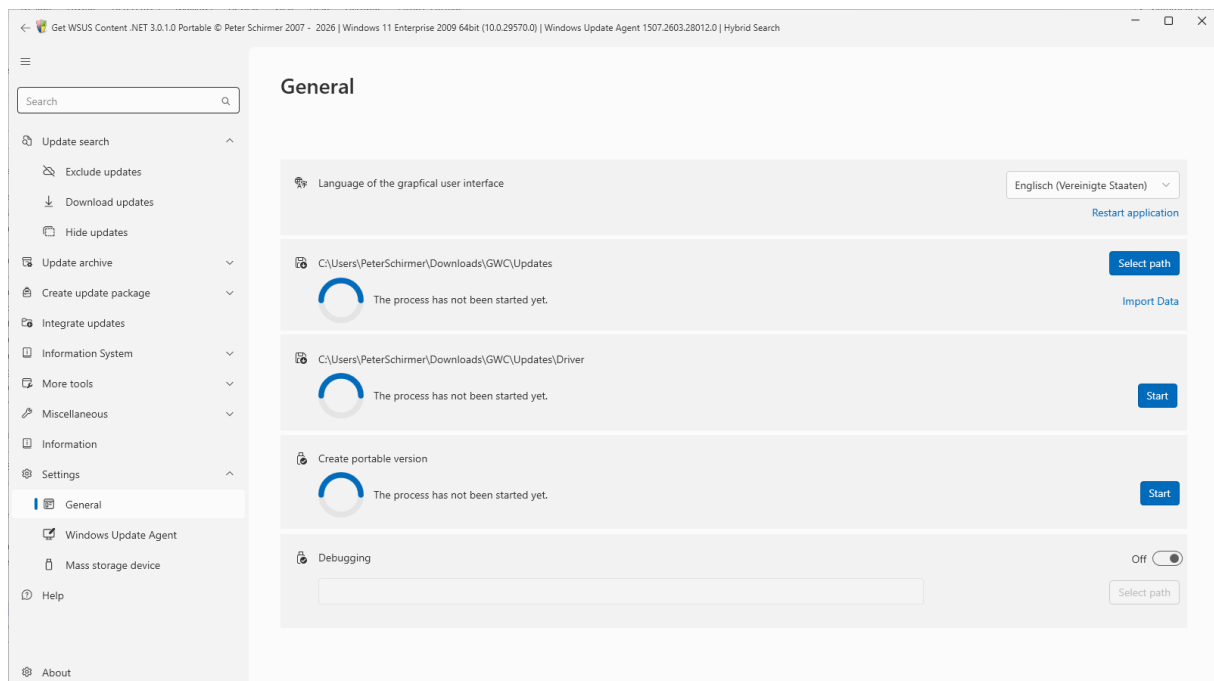
4.5 Settings

The following tasks are available here:



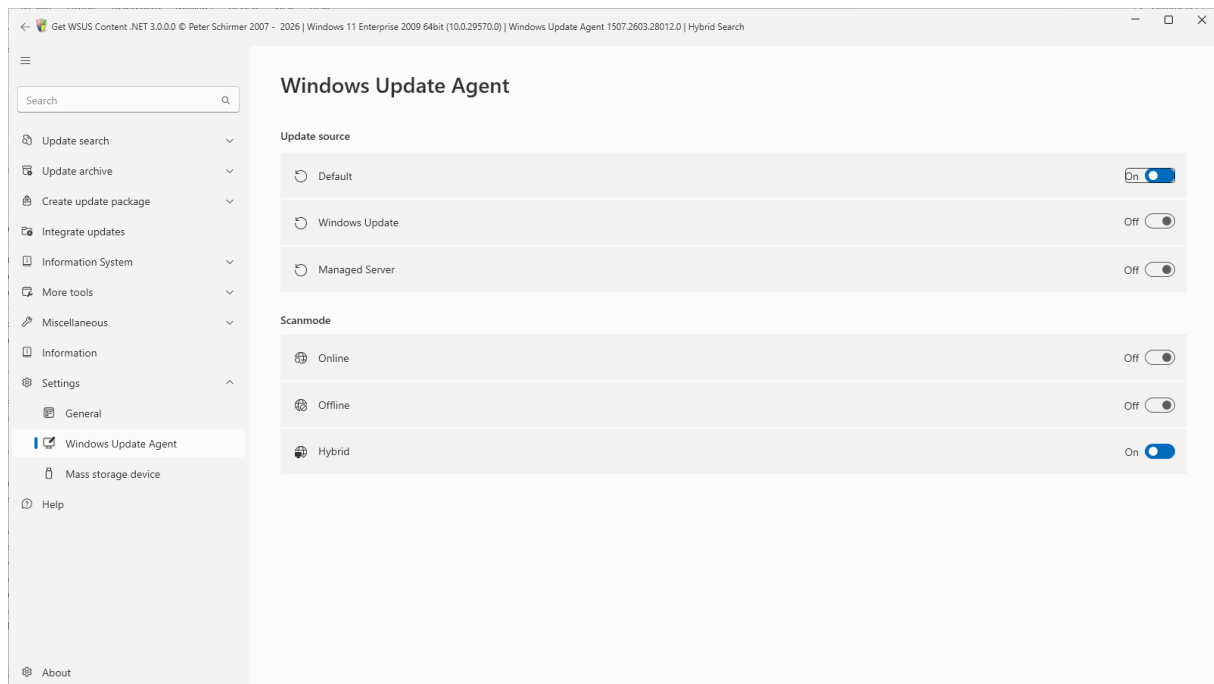
Overview Tasks

4.5.1 General



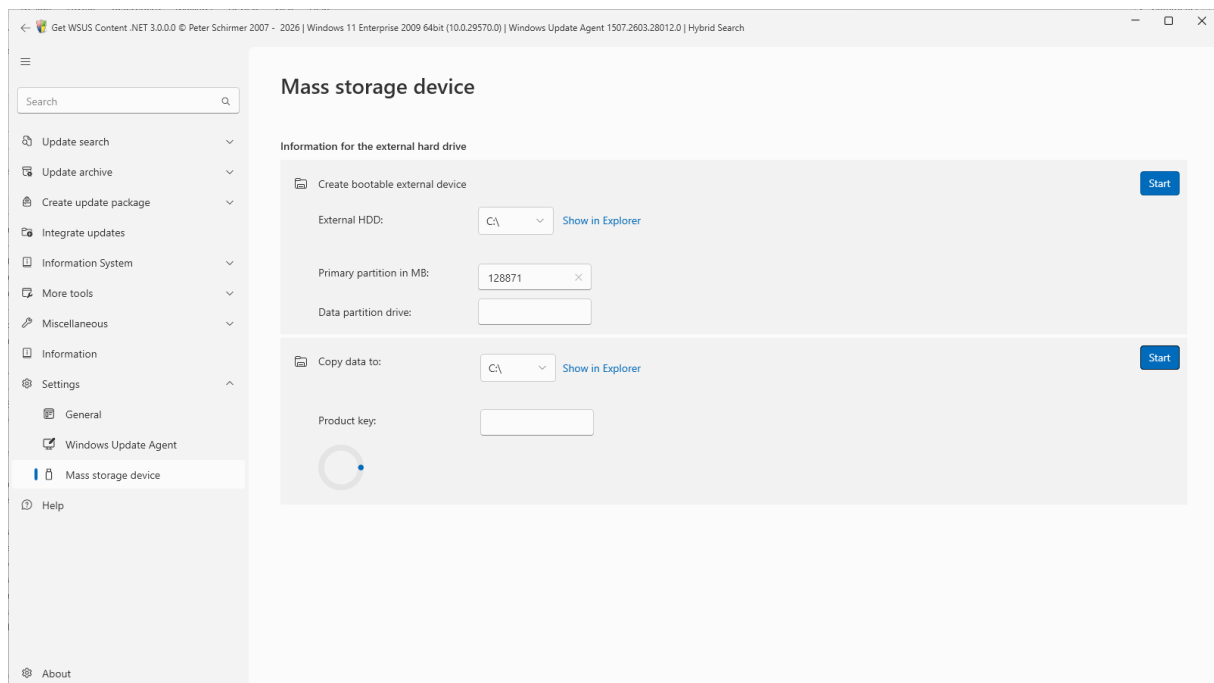
General Settings

4.5.2 Windows Update Agent

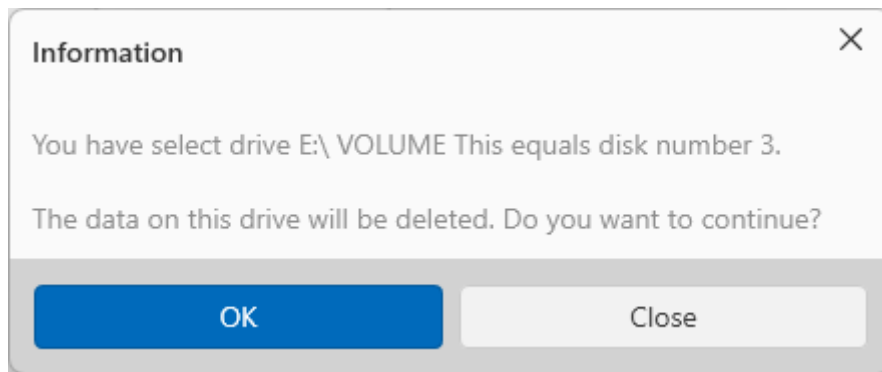


Settings for the update source

4.5.3 Mass storage device

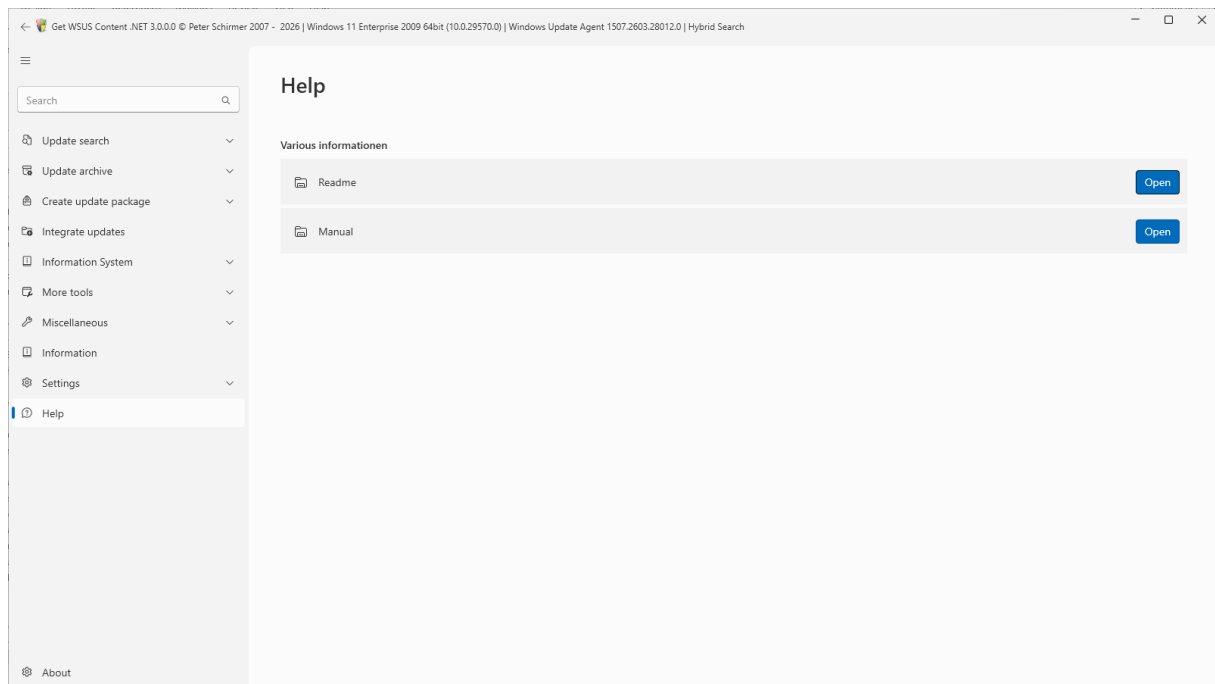


Create a bootable external hard drive



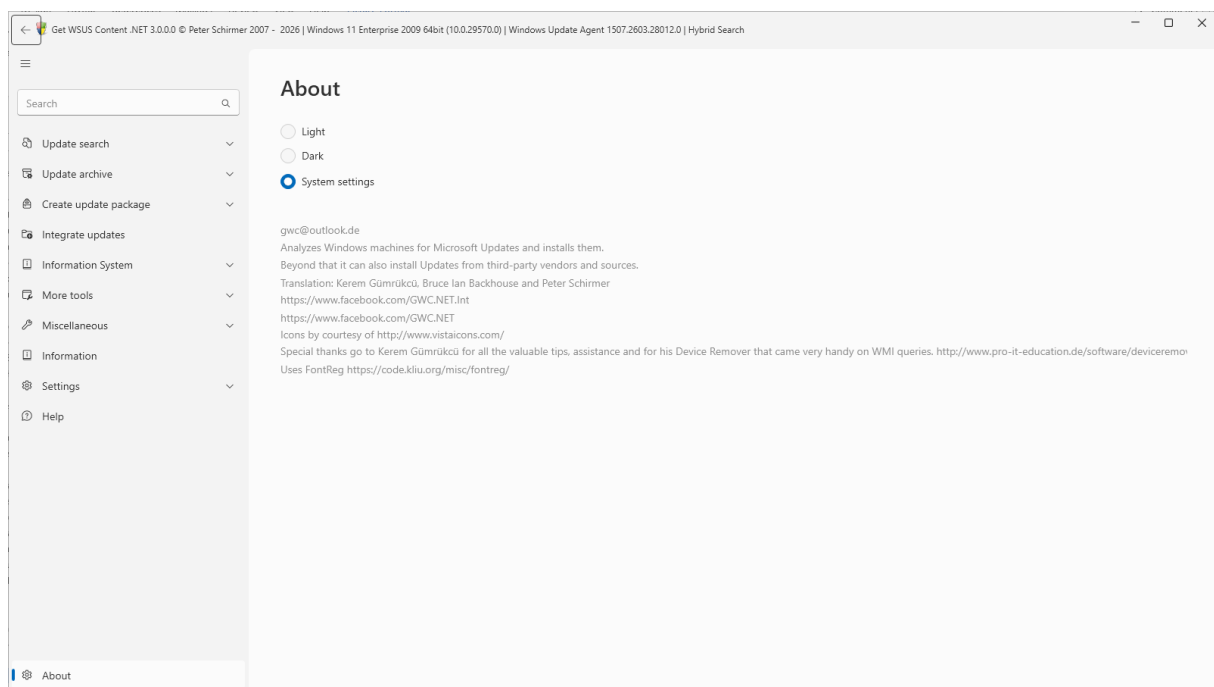
Note

4.6 Help



Help

5. About

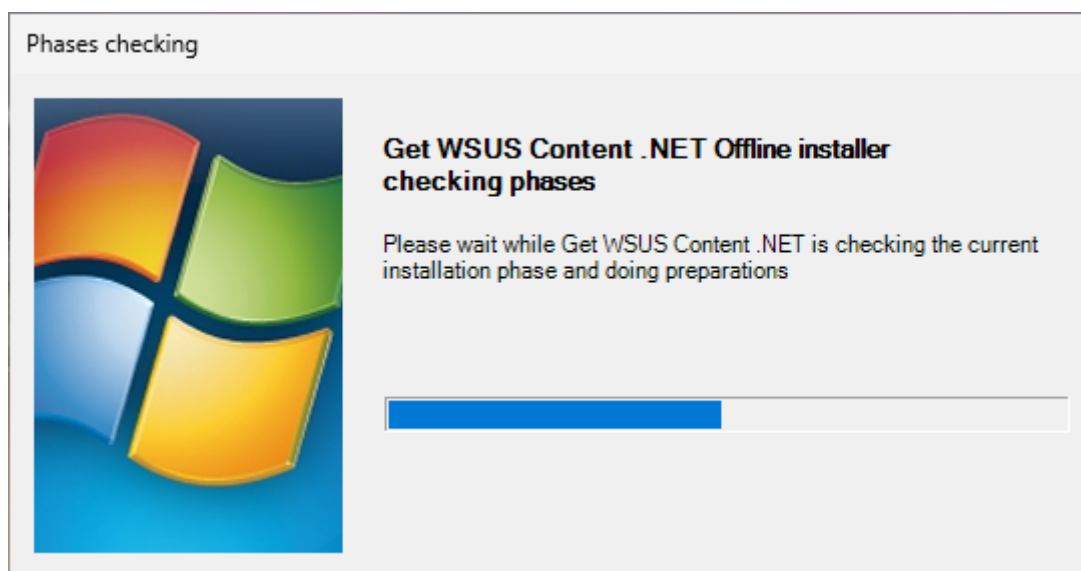


About Get WSUS Content .NET

6. Installing updates without an internet connection

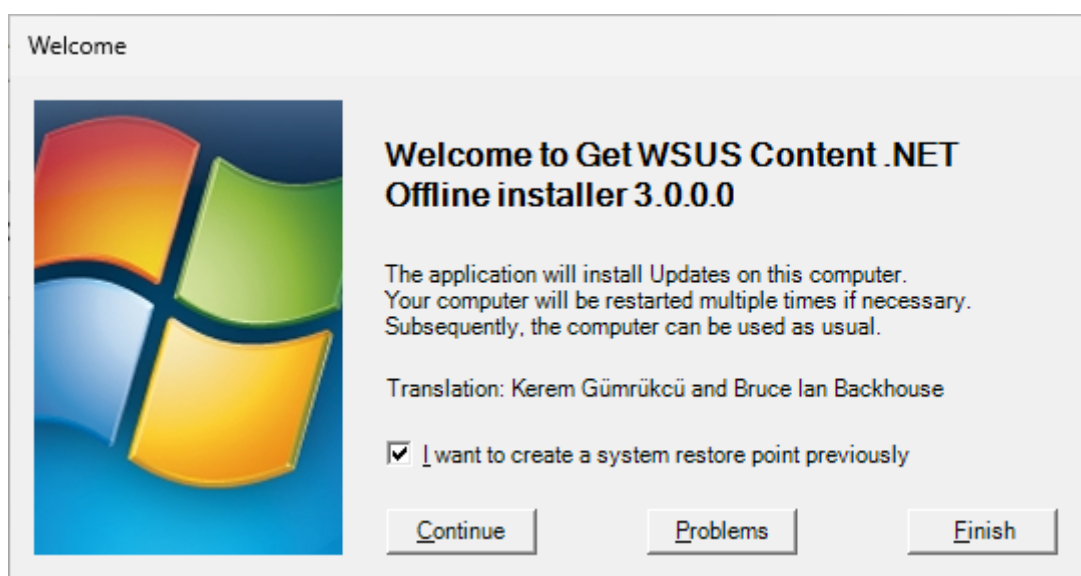
This section explains how to set up the updates using the convenient offline installer.

Start the installation from the desktop using the 'Install updates now' shortcut or the 'Installer.exe' file from the directory containing the updates to be installed.



Checking the phases

Get WSUS Content .NET first checks which installation phase it is in. The following dialogue box then appears:



Welcome screen

I want to create a restore point previously

A restore point is created before installation, and you can revert to this state in the event of a problem. However, this no longer has any effect from Windows 11 onwards, as Microsoft has removed the restore function.

Continue

Proceeds to the next step.

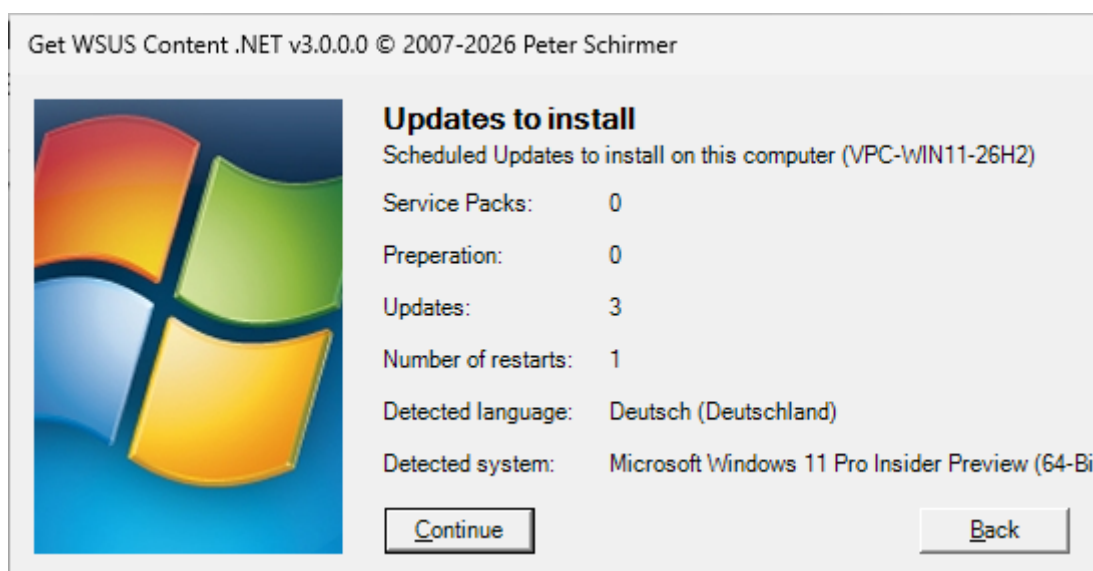
Problems

If a running installation causes problems, all subsequent scheduled installations will be skipped and the process will proceed to the end. This ensures that the current installation is completed properly.

Finish

Ends the installation without making any changes to the system.

After clicking 'Continue', a dialogue box appears listing how many updates are scheduled for installation in each phase and how many reboots are required.

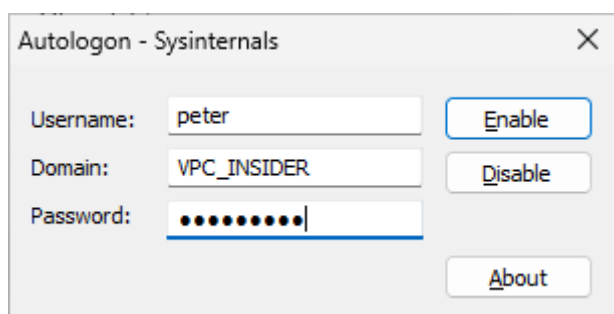
**Overview****Continue**

Proceeds to the next step.

Back

Returns to the start screen.

After clicking 'Next', you will be prompted to log in automatically.

**Automatic restart****Enable**

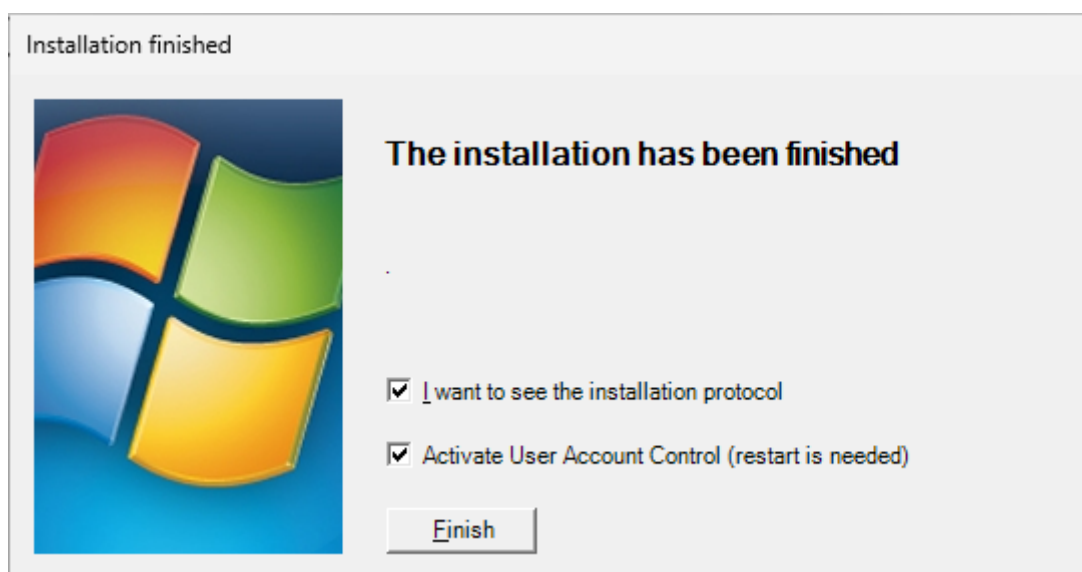
Enables automatic login with the specified user, computer/domain and password.

Disable

Automatic login is disabled.

After clicking 'Enable', the installation begins. During this process, User Account Control and Windows Update are disabled for the duration of the installation. At the end, both functions are re-enabled.

At the end of the installation, Get WSUS Content .NET displays a message indicating that the installation has been completed.



Overview

I want to see the installation protocol

The individual log entries are listed, along with further information that may be helpful when analysing problems.

Activate User Account Control (restart is needed)

As User Account Control is disabled when the installation starts, it can be re-enabled here (default setting). However, a restart is required for activation.

After clicking 'Finish', the log is displayed depending on the selected settings, and the computer restarts once the log is closed.

The installation is now complete and you can use your computer as usual.

7. Glossary

Term	Explanation
Windows Update Agent	Microsoft technology used to search exclusively for updates for Windows systems
Microsoft Update	Microsoft technology that searches for updates not only for Windows systems but also for other products, such as Microsoft Office.
WSUS	Windows Server Update Services. Microsoft technology that distributes updates across a network. Requires Windows Server 2003 or later.
WIM	Windows Imaging File. A hard disk image used during setup from Windows Vista onwards.
ESD	Electronic Software Delivery. A more highly compressed hard disk image than WIM.