

# Setup Commander for ZENworks

Administration Guide 2.5.0

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**ROVABU Software B.V.**  
[www.setupcommander.com](http://www.setupcommander.com)

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## About This Guide

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This guide is provided to help administrators understand and implement Setup Commander for Micro Focus ZENworks Configuration Management.

### What is in this guide?

This guide contains the following information:

- An overview of the features and functionality
- An explanation of the architecture
- Instructions on running the application
- Troubleshooting, tips, and FAQ

### Who should use this guide?

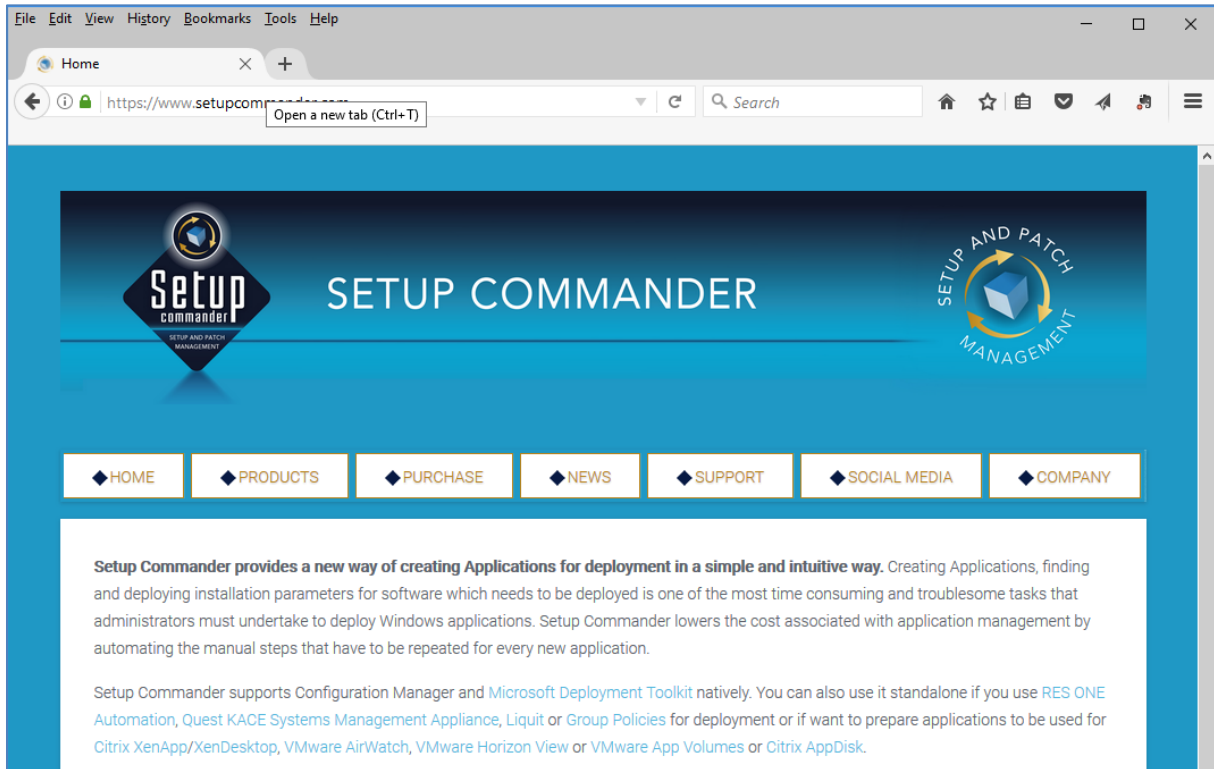
This guide is intended for the administrators who are responsible for the preliminary setup and for running Setup Commander for Micro Focus ZENworks. Those administrators need to have a thorough understanding of Micro Focus ZENworks administration, Windows, and Windows application management.

### Where do I find the latest information about Setup Commander?

You can find information about the latest version of Setup Commander, including new features and fixed issues, at our Web site at <http://www.setupcommander.com> , on our Twitter Page <http://www.twitter.com/setupcommander>, our LinkedIn page, and on Facebook: <http://www.facebook.com/setupcommander>

## Support

For general information, technical information, the partner locator, pricing information, and support, browse to <http://www.setupcommander.com> to find information about the latest versions, blog articles, and the support forums. You can also contact us at [support@setupcommander.com](mailto:support@setupcommander.com).





## Overview

---

Setup Commander for Micro Focus ZENworks Configuration Management provides a new way to create Windows bundles in a simple and intuitive way.

Creating Windows bundles, figuring out installation parameters, and deploying installation parameters for software that needs to be deployed, is one of the most time-consuming and troublesome tasks that administrators must undertake to deploy Windows applications. Setup Commander for ZENworks lowers the cost associated with application management by automating the manual steps that have to be repeated for every new application.

Chief Architect and Product Developer for Setup Commander is Roel van Bueren of ROVABU Software BV. Roel has worked with ZENworks since it was released in 1998, Windows Installer technology since it was released with Office 2000 in 1999, and Windows applications and application installers since Windows 3.1.

### Standard Edition

Setup Commander for ZENworks Standard Edition is licensed per ZENworks Management Zone for an unlimited number of machines and administrators.

### Professional Edition

Setup Commander for ZENworks Professional Edition is licensed per ZENworks Management Zone, per registered ZENworks device. A license is subscription based and granted for a duration of one (1) year.

## Product Comparison Chart

The screenshot shows the Setup Commander website with a navigation menu and a Product Comparison Chart. The chart compares features across three editions: Standard Edition, Professional Edition, and Service Edition. Features are marked with a green checkmark (✓) for availability and a red X (✗) for unavailability.

	Standard Edition	Professional Edition	Service Edition
Configuration Wizards 'as a service'	✗	✓	✓
Create Bundles in Micro Focus ZENworks Manually (*)	✓	✓	✗
Create Bundles in Micro Focus ZENworks Automatically	✗	✗	✓
Create Applications in Microsoft MDT Manually	✓	✓	✗
Create Applications in Microsoft MDT Automatically	✗	✗	✓
Create Applications in Microsoft Config Manager Manually	✓	✓	✗
Create Applications in Microsoft Config Manager Automatically	✗	✗	✓
Create Applications in VMware AirWatch Automatically	✗	✗	✓
Create Applications in RES ONE Automation Manually	✗	✓	✗
ITNinja Integration	✓	✓	✗
MSI Editor using Orca or InstEd	✗	✓	✗
MSI Import Wizard	✓	✓	✗
MSI Response Transform file capabilities	✗	✓	✗
MSI Wrapper for legacy setups	✗	✓	✓
Print and export Application information to Excel, PDF and XPS	✗	✓	✗
Prepare a 'Managed Installation' for Quest KACE SMA Manually	✗	✓	✗
Professional Support (Email, Forums, Knowledge Base)	✗	✓	✓
Repackaging Wizard (App-V 4.6 SP3 and App-V 5, RayPack, Turbo, ThinApp and AdminStudio Repackager)	✗	✓	✗
Setup Store	✗	✓	✓

For the latest version of the Product Comparison Chart, please visit <https://www.setupcommander.com/index.php/products/34-comparison-chart>

## System Requirements

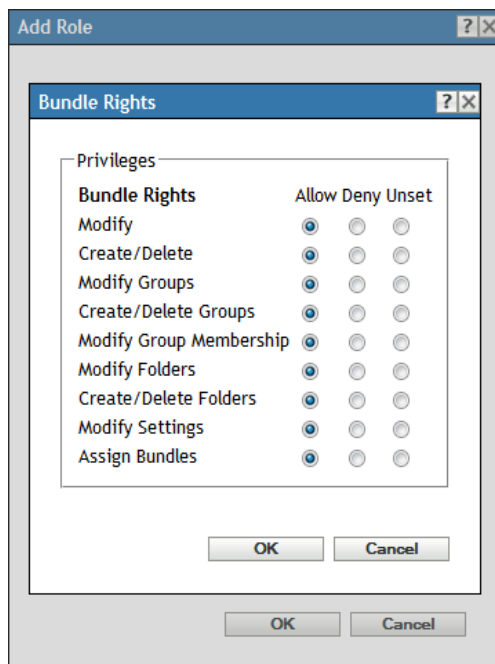
Before you run Setup Commander for ZENworks, you need to meet some configuration requirements for your Microsoft Windows devices.

### Novell ZENworks

Micro Focus ZENworks Configuration Management 11.0 and later is supported.

### Credentials

You need to have access to the Administrator user credentials or you need to create a ZENworks administrator user who is either a Super Administrator or who has all Bundle Rights.



### Operating System

Setup Commander for ZENworks is supported on the following Windows operating systems:

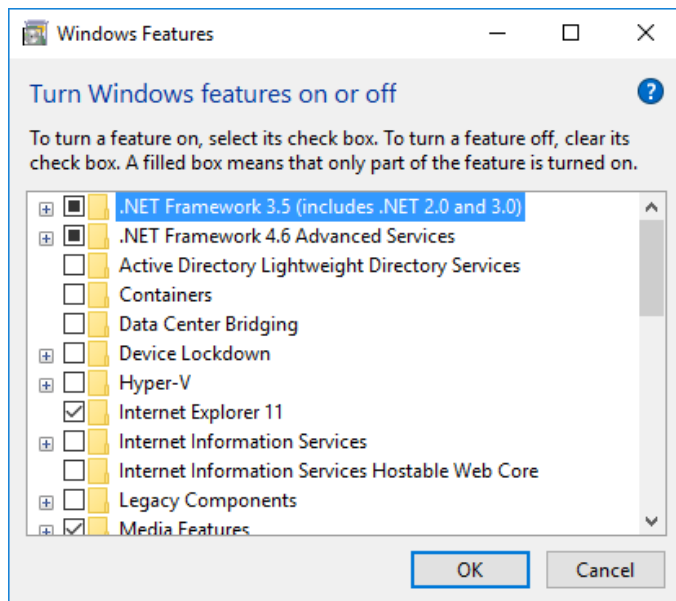
- Microsoft Windows XP Professional (SP3)
- Microsoft Windows 7 x86 or x64
- Microsoft Windows 8 x86 or x64
- Microsoft Windows 10 x86 or x64
- Microsoft Windows Server 2008 (R2)
- Microsoft Windows Server 2012 (R2)

The Windows device on which you run Setup Commander for ZENworks does not need to be registered in the ZENworks Management Zone you want to use Setup Commander for ZENworks against.

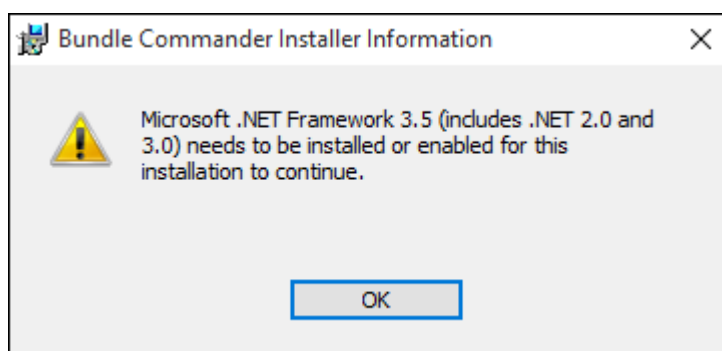
## Microsoft .NET Framework 4 Extended

For Windows XP, Windows 7, Windows 8 and Windows Server 2008 both Microsoft .NET Framework 3.5 (or up) and Microsoft .NET Framework 4 Extended should be installed. If you do not have these installed, you can download it from Microsoft's Web site as [Microsoft .NET Framework 4 \(Standalone Installer\)](#) and [Microsoft .NET Framework 3.5 \(Full Package\)](#).

For Windows 10 and Windows Server 2012, please enable the Windows feature '.NET Framework 3.5 (includes .NET 2.0 and 3.0)'. '.NET Framework 4.6 Advanced Services' is enabled by default.



Setup Commander for ZENworks will verify whether you've installed/enabled the forementioned .NET Framework. If both components have not been installed, this message will be shown:



## Installation

---

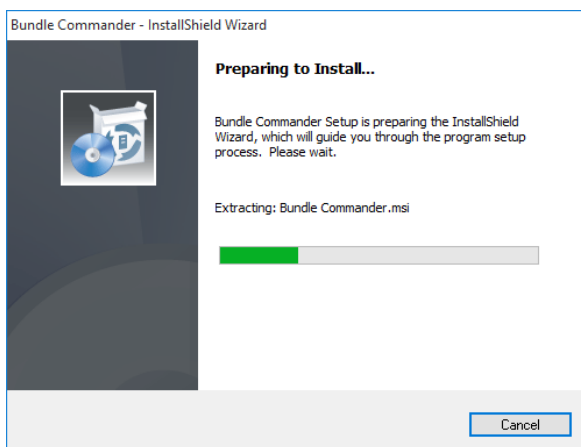
### Download

Download SetupCommanderZENworks-setup-2.xyz.xyz.exe from either <http://download.novell.com> or by using the download link in the email message you've received after registration on the registration page of the Setup Commander website. Xyz is the latest build as reported on the support forums of the Setup Commander web site (<http://www.setupcommander.com>).

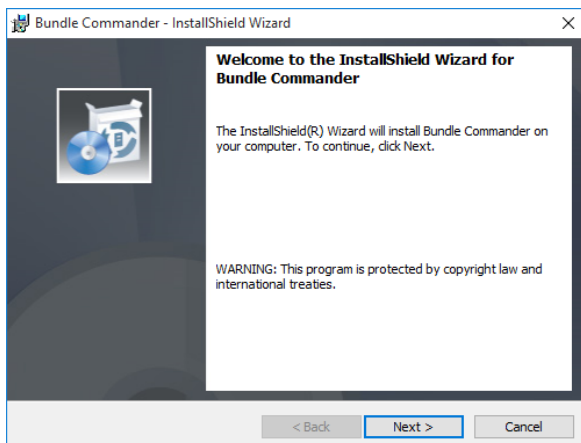
Copy the setup to any folder on your Administrator device. Run the setup from there. You can install Setup Commander for ZENworks on multiple Windows Administrator machines in your network if needed.

### Install

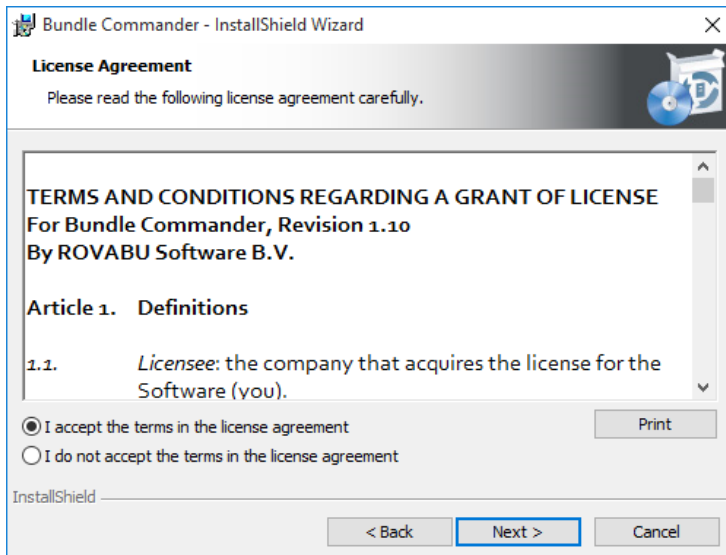
Run the setup first.



When the welcome screen is shown, click Next.

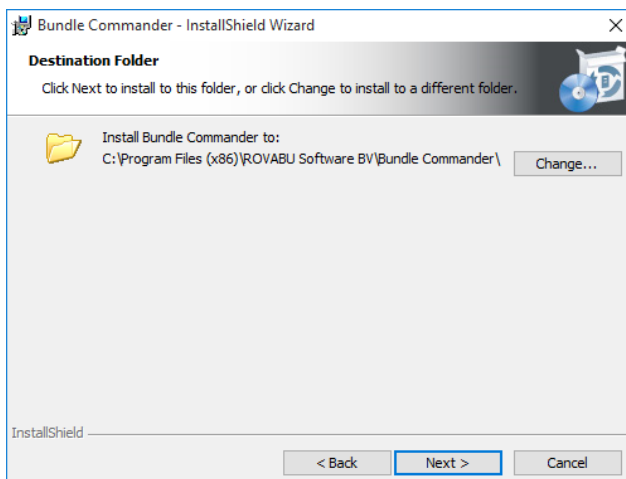


Read the License Agreement carefully, click the I accept option, then click Next.

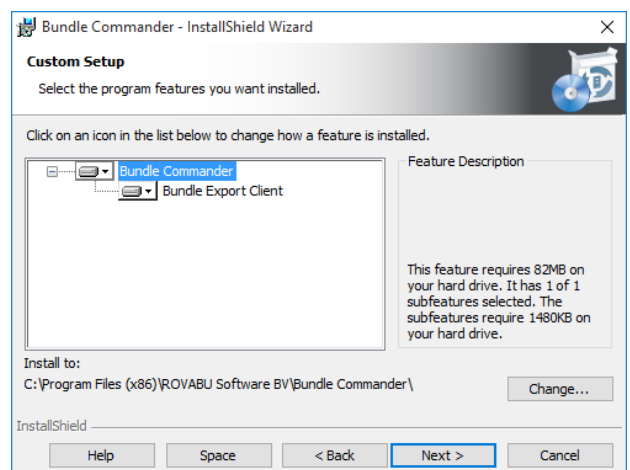
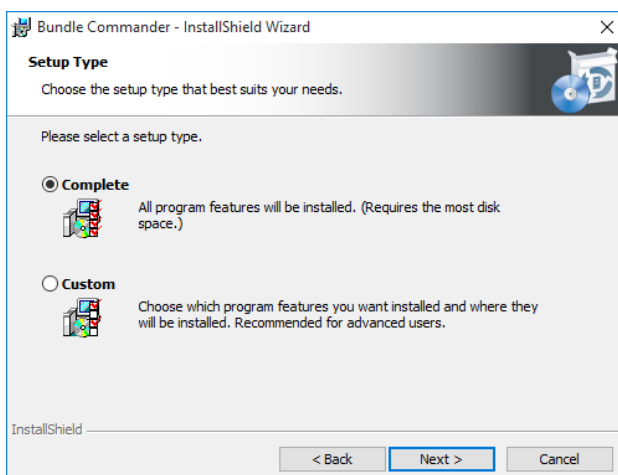


The default installation directory is C:\Program Files (x86)\ROVABU Software BV\Setup Commander for ZENworks on x64 systems and C:\Program Files\ROVABU Software BV\Setup Commander for ZENworks on x86 systems.

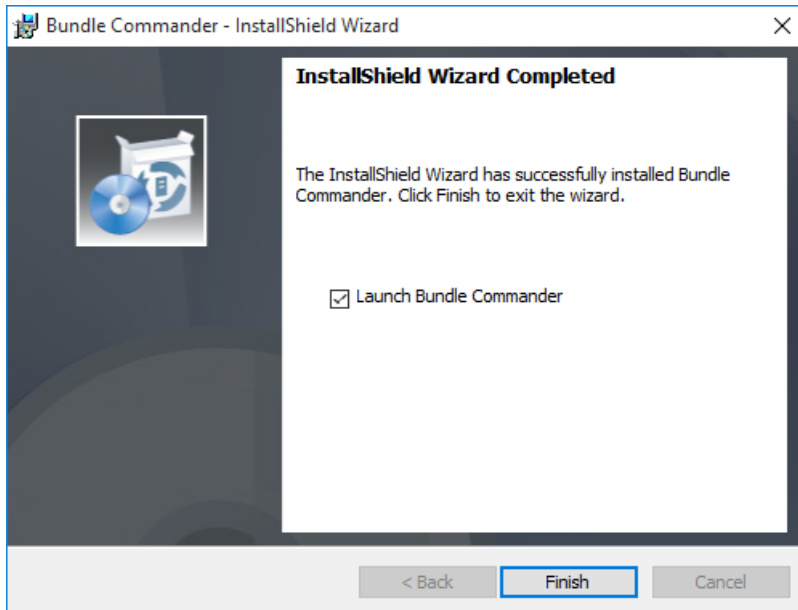
Optionally, you can change the destination folder:



and whether you want all features installed or only 'Setup Commander' itself:

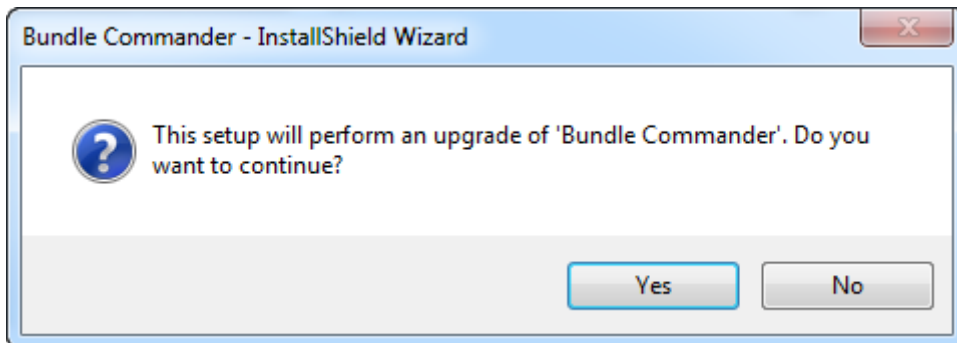


After the installation, you can select the 'Launch Setup Commander for ZENworks' check box to launch Setup Commander for ZENworks.



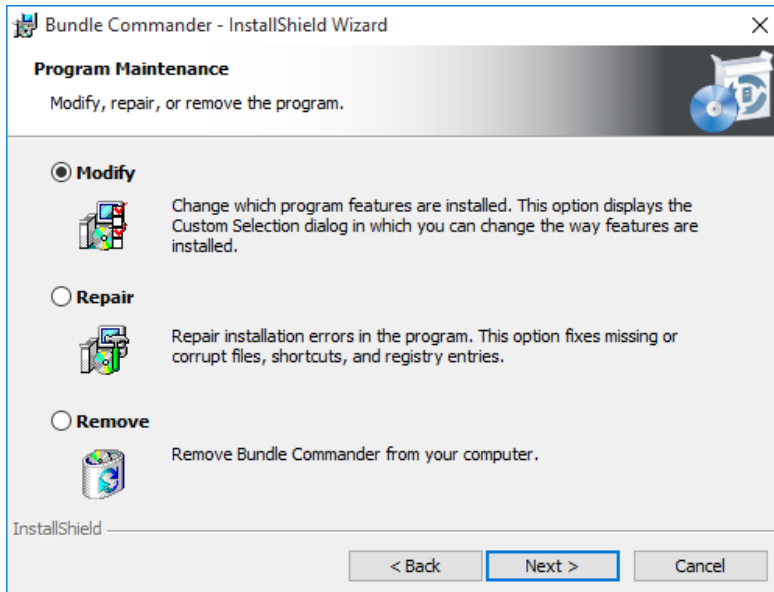
## Upgrade

When you want to upgrade to a new build of Setup Commander for ZENworks, just run the new setup. The setup detects that you have an older version installed and gives you the option to upgrade.

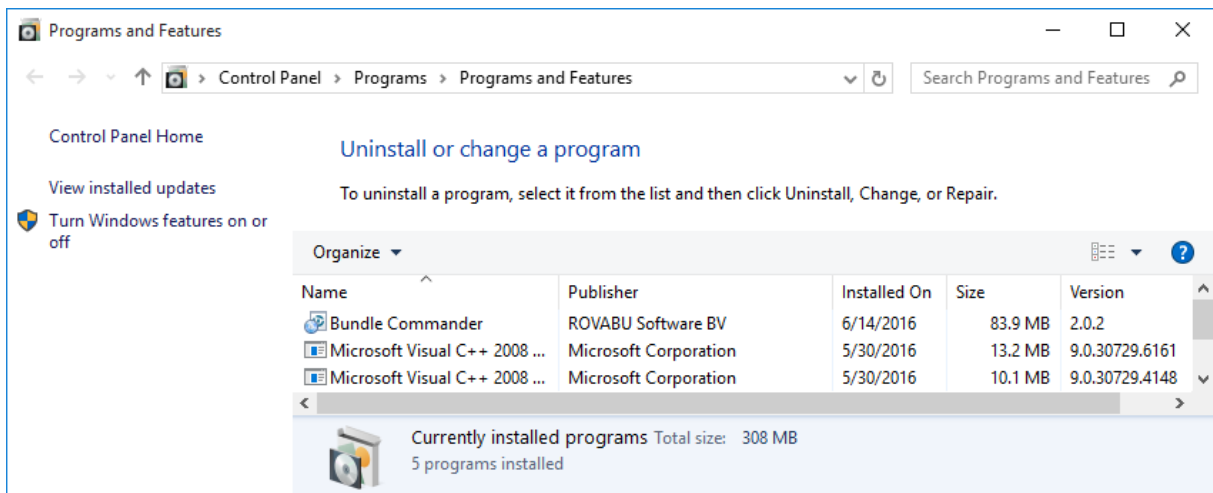


## Uninstall

To remove Setup Commander for ZENworks, run the setup again and select Remove.



You can also use the Windows Control Panel to remove Setup Commander for ZENworks if needed.



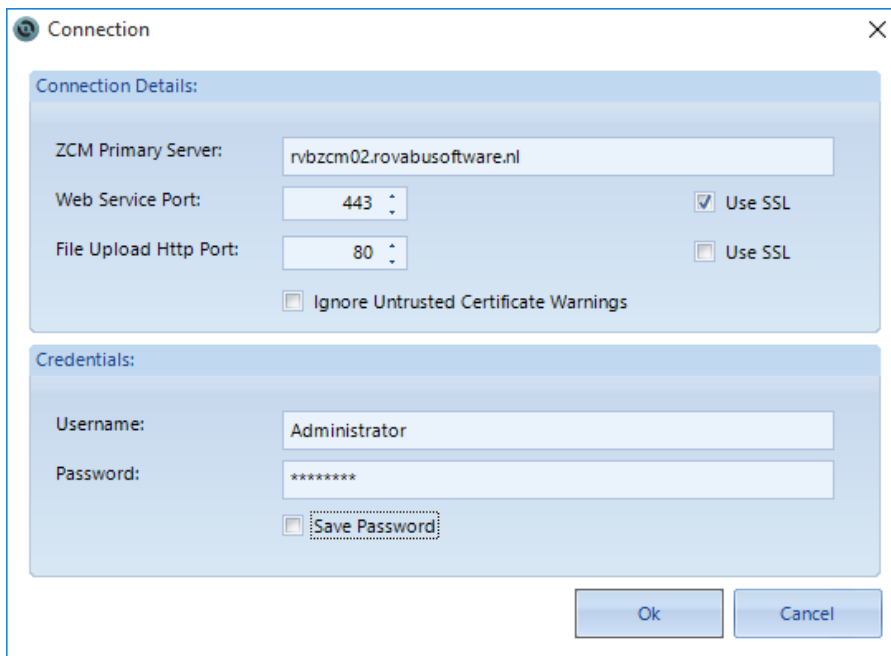


## Launching

Use the shortcut on the Start Menu or the desktop to launch Setup Commander for ZENworks and view the *Administration Guide*. After the initial launch, the Connection screen is displayed automatically.

### Connection Details

Setup Commander for ZENworks connects through the Web service interface of your ZENworks Primary Server. In Setup Commander for ZENworks's Connection screen, you must provide the correct DNS name or IP address of your ZENworks Primary Server, as well as the Web Service port and File Upload port and whether you are using SSL. If you have configured custom port numbers, you can review the `.. \tomcat\conf\server.xml` configuration file and search for *Connector port*:

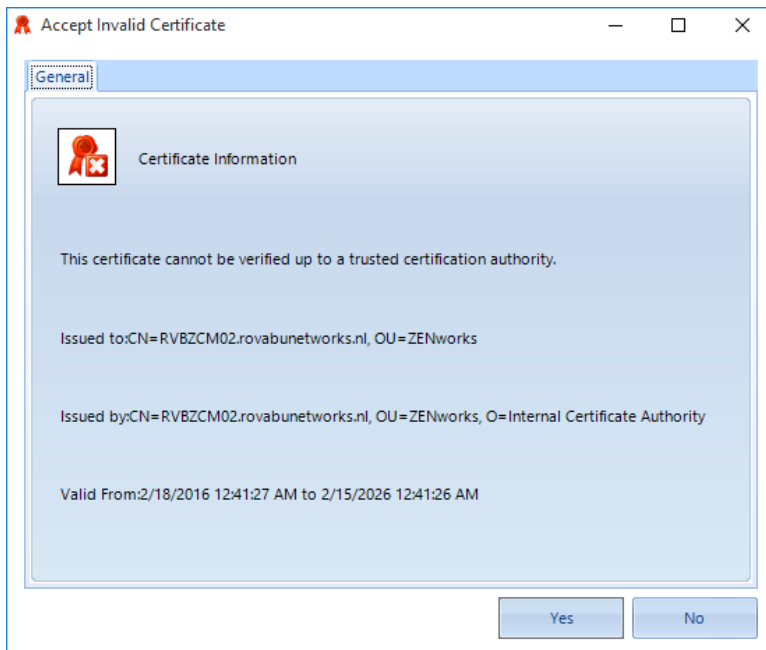


### Credentials

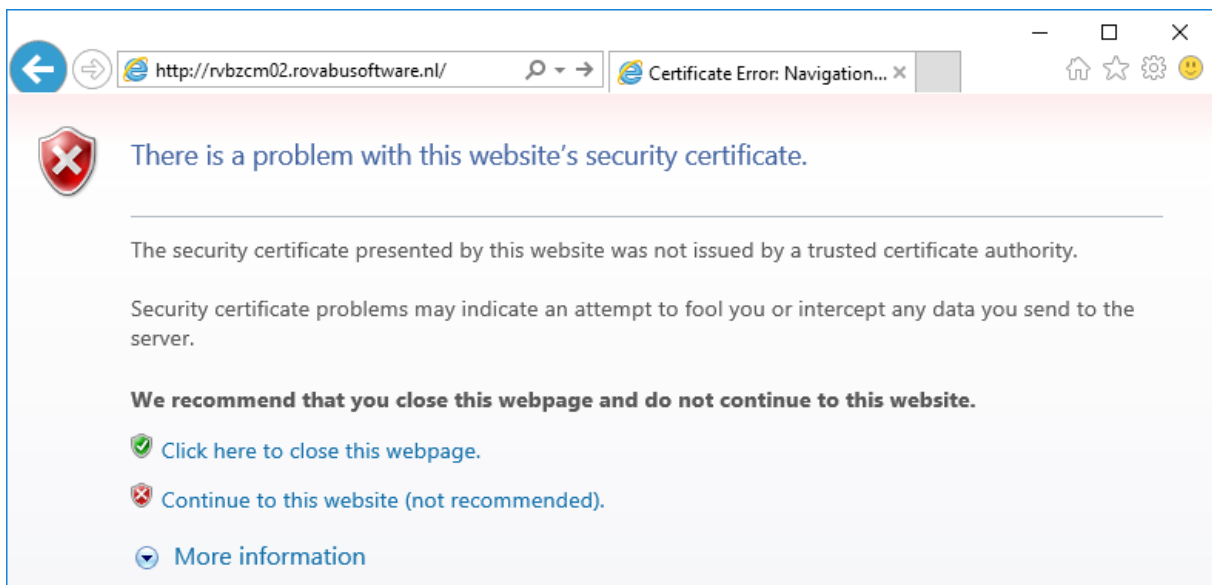
Provide the user name and password of either the Administrator user of your ZENworks Management Zone, a ZENworks administrator who is a Super Administrator, or a ZENworks administrator who has all Bundle Rights. You can optionally save the password for the selected user, which will then be encrypted and stored in the following location:

```
C:\Users\\AppData\Local\ROVABU Software BV\Setup Commander for ZENworks\settings.xml
```

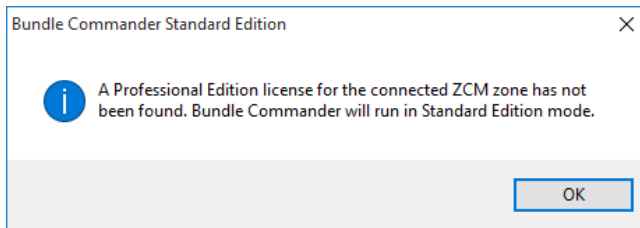
If you do not have a valid certificate installed and configured, an Accept Invalid Certificate screen is shown.



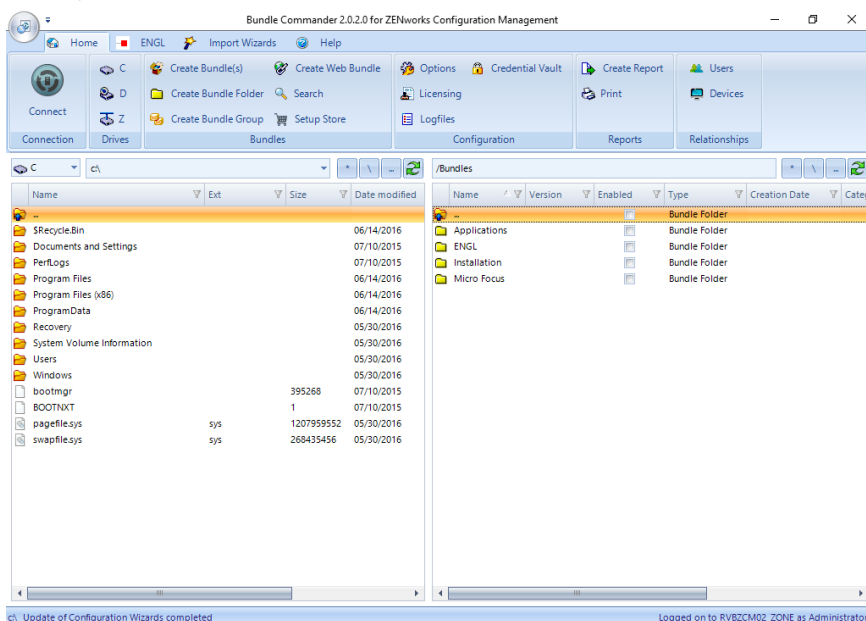
This is similar to what you see when you log in to ZENworks Control Center using your favorite browser:



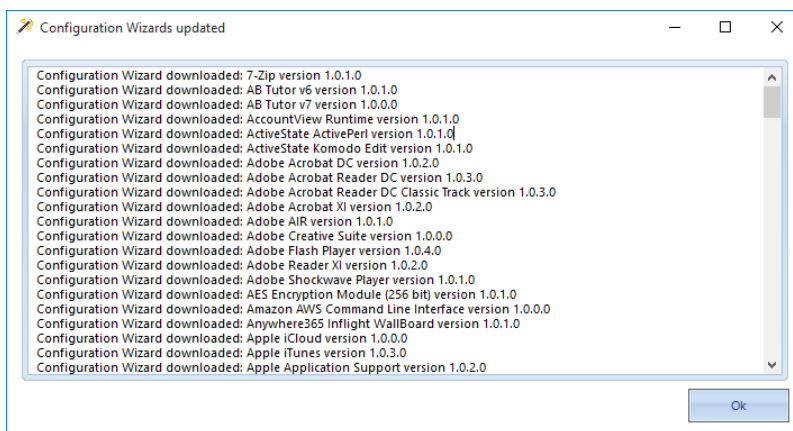
After a successful connection, Setup Commander for ZENworks will verify whether you have a Professional Edition license for the ZCM zone you've connected to. If you don't have a license or if you have a license for a different zone, this message will be shown:



After you click 'OK', the right panel shows the bundles and bundle folders in your main 'Bundles' folder, similar to ZENworks Control Center.



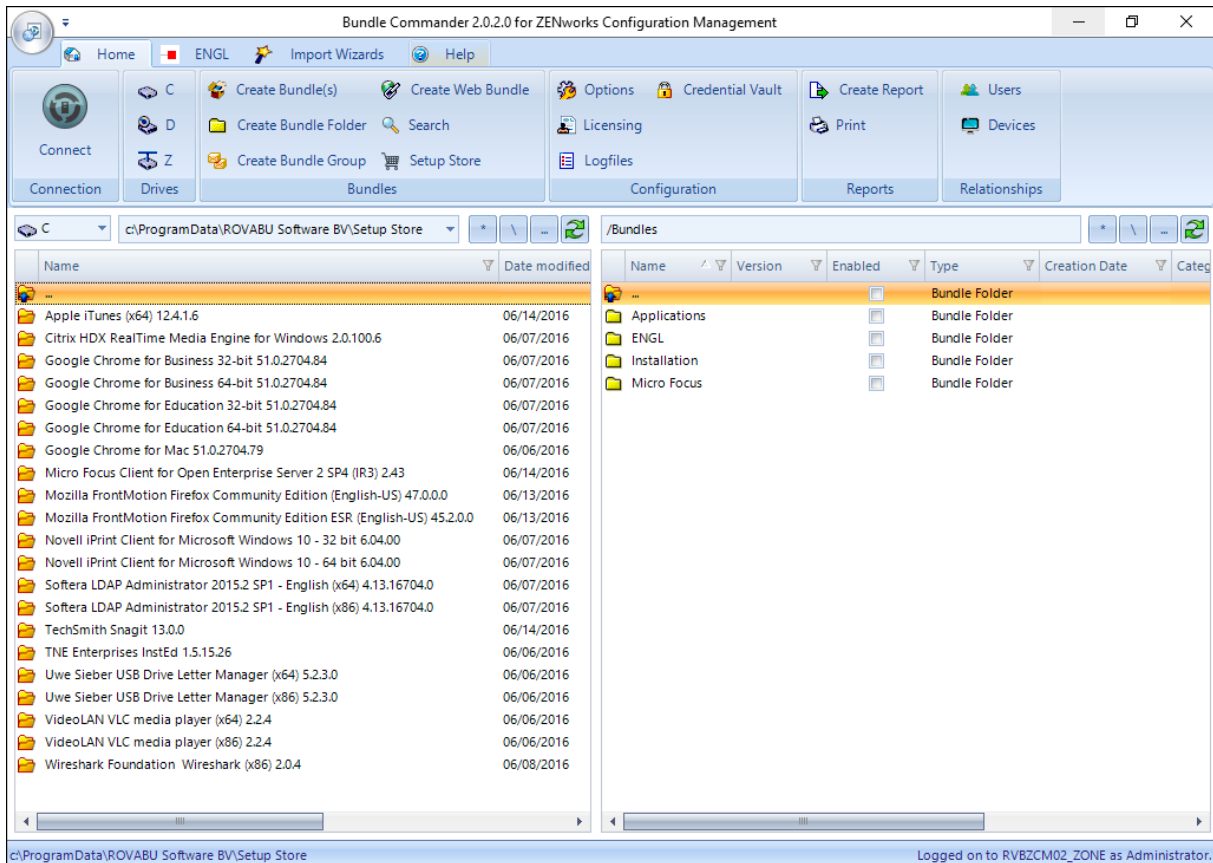
Simultaneously Setup Commander for ZENworks will download and update your [Configuration Wizards 'as a service'](#).



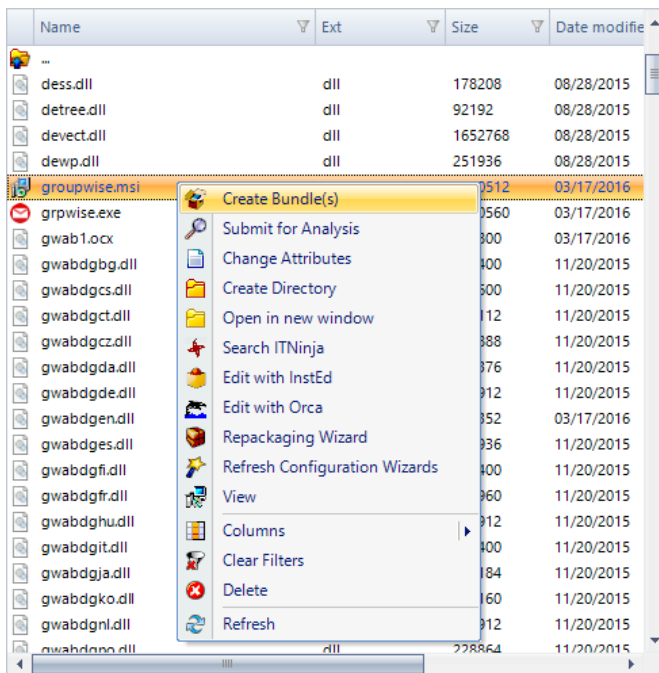
## File System

The left panel shows the directories and files of the selected directory.

You can switch to a different directory by double-clicking a directory. You can switch to a different drive by clicking one of the Drive icons in the Drives ribbon group.



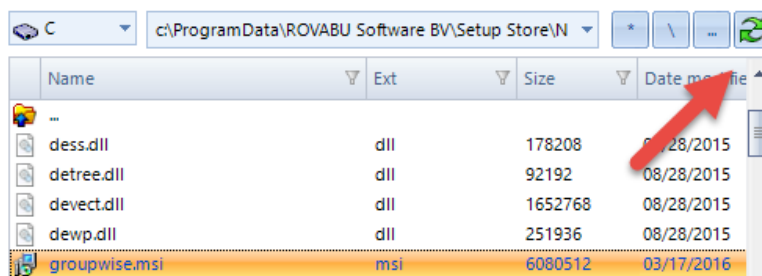
When you right-click a file, Setup Commander for ZENworks gives you these options:



- 'Create Bundle(s)' allows you to create a bundle out of the selected file. Setup Commander for ZENworks assists and advises you based on the selected file or installer. This option is also available in the Bundles ribbon group.
- If you want to request support for a specific legacy setup that we are not supporting yet, please send us the details by selecting the setup in Setup Commander for ZENworks and then selecting 'Submit for Analysis'.
- 'Change Attributes' allows you to change the Read, System, Archive and Hidden file attribute types.
- 'Create Directory' creates a subdirectory in the current directory.
- 'Open in new window' opens the current directory in Windows Explorer
- Search ITNinja is available for MSI setups only. With this option, you can use the Productname and Productversion of the selected MSI setup to query <http://www.itninja.com> for more setup and deployment information. ITNinja is a rapidly growing community where IT professionals ask questions, research software and other technical topics, and share information and ideas. Founded by Bob Kelly in September of 1999, ITNinja was previously known as AppDeploy.com. As a leading destination for end point administrators to discuss topics related to setup and deployment, ITNinja expands the scope of AppDeploy, adding numerous topics while leveraging its rich application and deployment data.
- 'Edit with InstEd' is only available if you select MSI setups. [InstEd](#) is a free MSI editor which you can use to view or edit MSI setups, and or MSI transform files (MST's). This free MSI

editor is available for download at <http://www.instedit.com> and in Setup Commander for ZENworks's Setup Store.

- 'Edit with Orca' is only available if you select MSI setups. [Orca](#) is a free MSI editor which you can use to view or edit MSI setups, and or MSI transform files (MST's). This Microsoft tool is only available in the Windows SDK Components for Windows Installer Developers. It is provided as an Orca.msi file. After installing the Windows SDK Components for Windows Installer Developers, double click Orca.msi to install the Orca.exe file.
- 'Repackaging Wizard' start the Repackaging Wizard to repackage the selected setup to an MSI or an virtualized application using 3<sup>rd</sup> party solutions.
- 'View' is an MSI viewer which you can use to browse through an MSI's tables and rows.
- 'Columns' lets you change the visibility of the columns.
- 'Clear Filters' lets you remove filters that have been set for one or more columns.
- 'Delete' deletes a selected file or selected files.
- 'Refresh' updates the current directory and file list, similar to this button:



## Bundle Folders

The right panel shows the bundle folders in the connected ZENworks Management Zone as well as the bundles that are stored in these folders.

The screenshot displays the Bundle Commander 2.0.2.0 for ZENworks Configuration Management interface. The main window is divided into several sections:

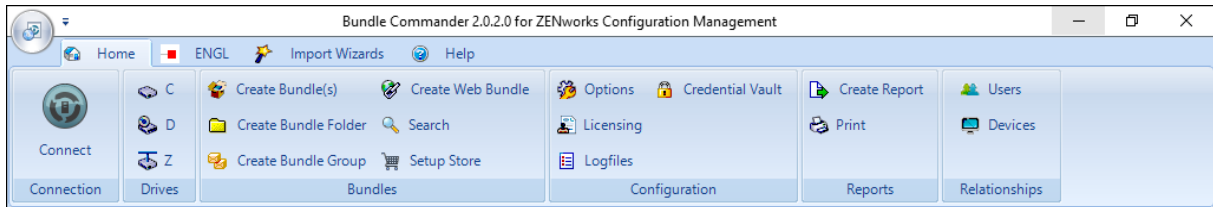
- Top Bar:** Includes navigation icons for Home, ENGL, Import Wizards, and Help.
- Toolbars:** Contains various actions such as Connect, Create Bundle(s), Create Web Bundle, Options, Credential Vault, Create Report, Users, Create Bundle Folder, Search, Licensing, Print, Devices, Create Bundle Group, Setup Store, Logfiles, and Relationships.
- File Explorer (Left Panel):** Shows the local file system path `c:\ProgramData\ROVABU Software BV\Setup Store\N\`. The file list includes:

Name	Ext	Size	Date modified
..			
dess.dll	dll	178208	08/28/2015
detree.dll	dll	92192	08/28/2015
devect.dll	dll	1652768	08/28/2015
dewp.dll	dll	251936	08/28/2015
groupwise.msi	msi	6080512	03/17/2016
grpwise.exe	exe	9460560	03/17/2016
gwab1.ocx	ocx	332800	03/17/2016
gwabdgbg.dll	dll	230400	11/20/2015
gwabdgcs.dll	dll	217600	11/20/2015
gwabdgct.dll	dll	218112	11/20/2015
gwabdgcz.dll	dll	229888	11/20/2015
gwabdgda.dll	dll	229376	11/20/2015
gwabdgde.dll	dll	230912	11/20/2015
gwabdgen.dll	dll	228352	03/17/2016
gwabdges.dll	dll	231936	11/20/2015
gwabdgfi.dll	dll	230400	11/20/2015
gwabdgfr.dll	dll	232960	11/20/2015
gwabdghu.dll	dll	230912	11/20/2015
gwabdgit.dll	dll	230400	11/20/2015
gwabdgja.dll	dll	221184	11/20/2015
gwabdgko.dll	dll	220160	11/20/2015
gwabdgni.dll	dll	230912	11/20/2015
gwabdgno.dll	dll	228864	11/20/2015
- File Explorer (Right Panel):** Shows the `/Bundles` directory with the following items:

Name	Version	Enabled	Subtype	Creation Date	Categ
..			Bundle Folder		
Applications			Bundle Folder		
ENGL			Bundle Folder		
Installation			Bundle Folder		
Micro Focus			Bundle Folder		
- Status Bar:** Shows the path `c:\ProgramData\ROVABU Software BV\Setup Store\Novell GroupWise 2014 Support Pack 2 Hotpatch 1 Windows Client (Multilingual) 14.2.0.123047\extracted\client\win32` and the user `Logged on to RVB7CM02_ZONE as A`.

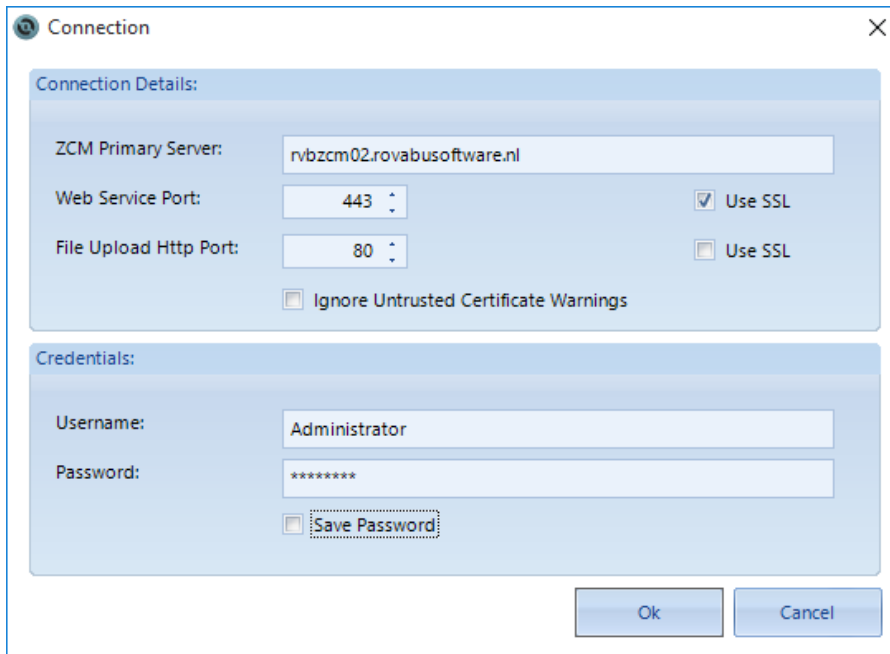
## Home

Most features in the Main screen are available through the ribbon in the upper part of the screen.



## Connection

Connect connects Setup Commander for ZENworks to a specified Primary Server of a ZENworks Management Zone



## Drives

The Drives ribbon group lists all available drive letters of your file system. The icons reflect whether the drive is a local drive, a USB stick, removable drive, network drive, or CD-ROM/DVD-drive.





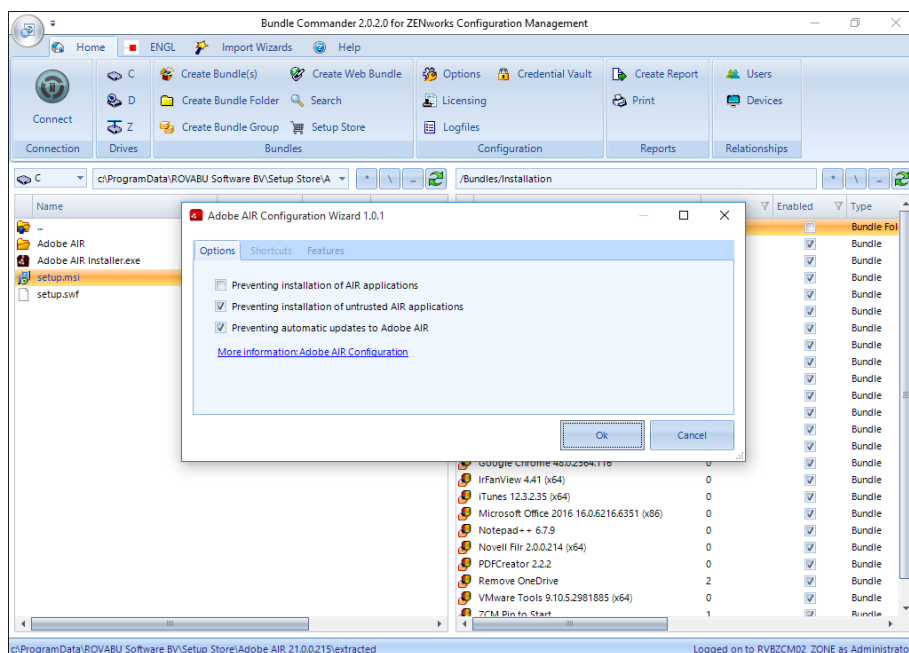
## Bundles

The Bundles ribbon group lets you create a Windows bundle, a bundle folder, a bundle group, or a Web bundle.

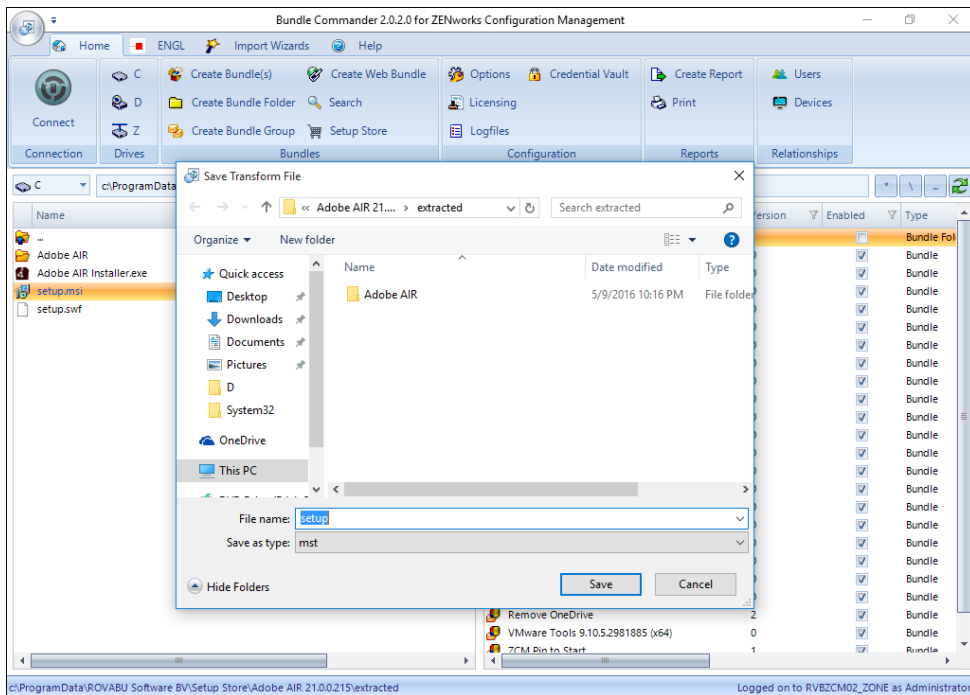
### Create Bundle(s)

Create a Windows bundle from a selected file on your file system. Depending on the type of file selected, Setup Commander for ZENworks advises you to create an Install bundle or a Launch bundle for the selected file. The Bundle Type is set accordingly. For more details about creating Windows Bundles, read the "Creating Windows Bundles" chapter.

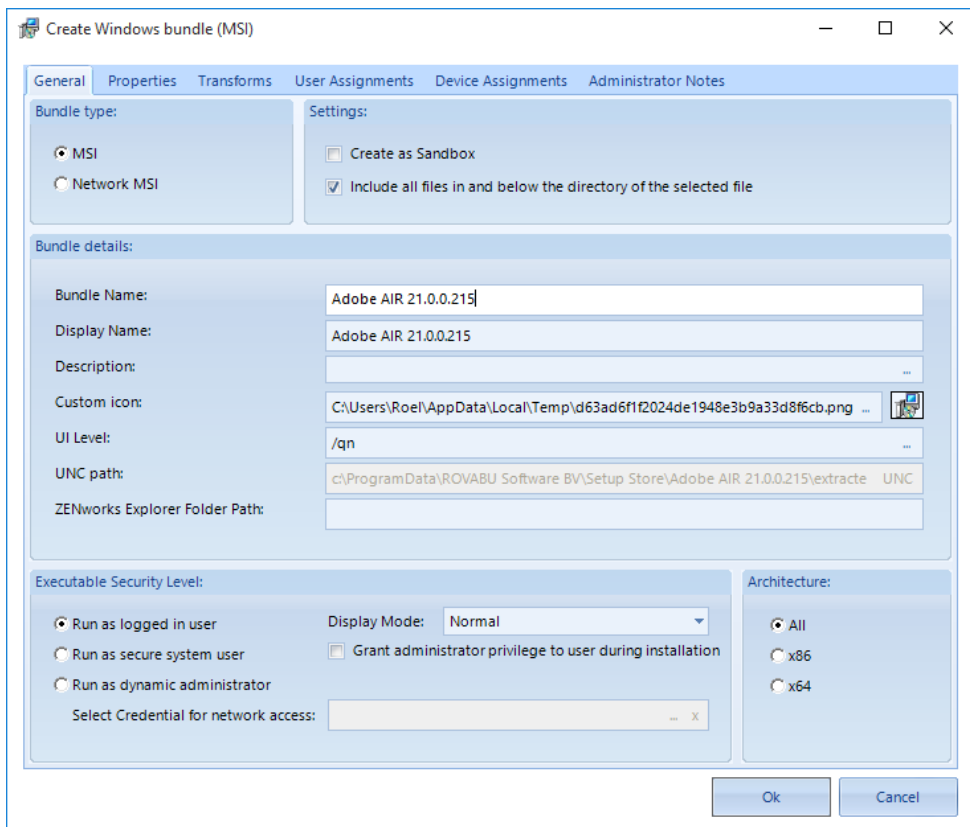
For every MSI setup you select, a Configuration Wizard will be shown first. With the Configuration Wizard you can configure the MSI. The Configuration Wizard options have been pre-configured based on deployment best practices.



If you click 'Ok' your configuration settings for the selected MSI will be saved in a transform file (MST) for which a dialog is shown.

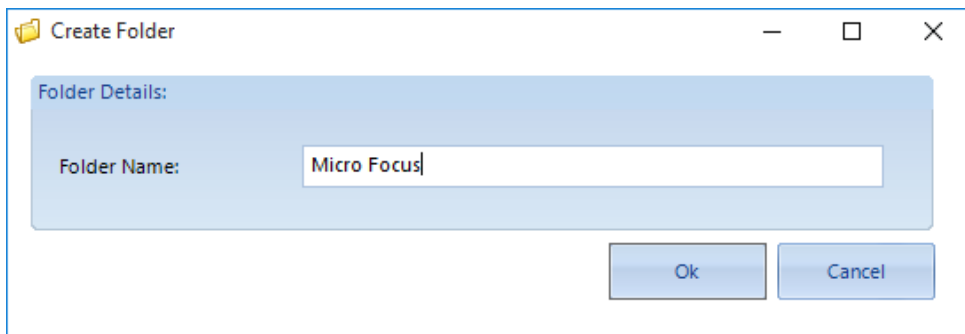


After saving the transform file, you can review the different bundle options and click 'Ok' to create the bundle.



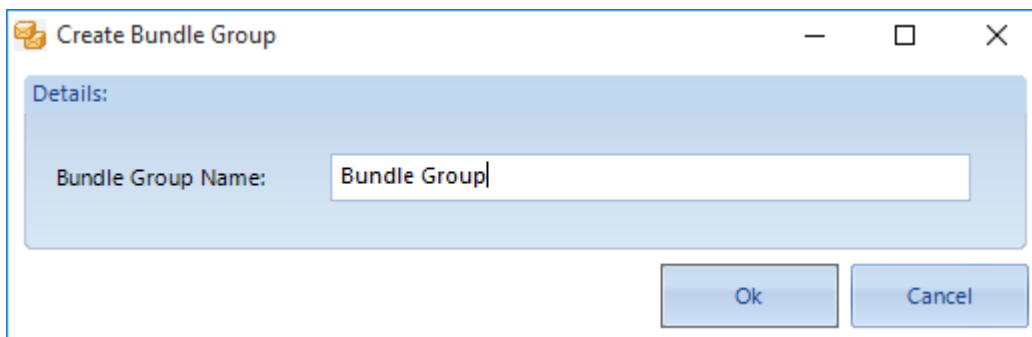
### ***Create Bundle Folder***

Creates a bundle folder.



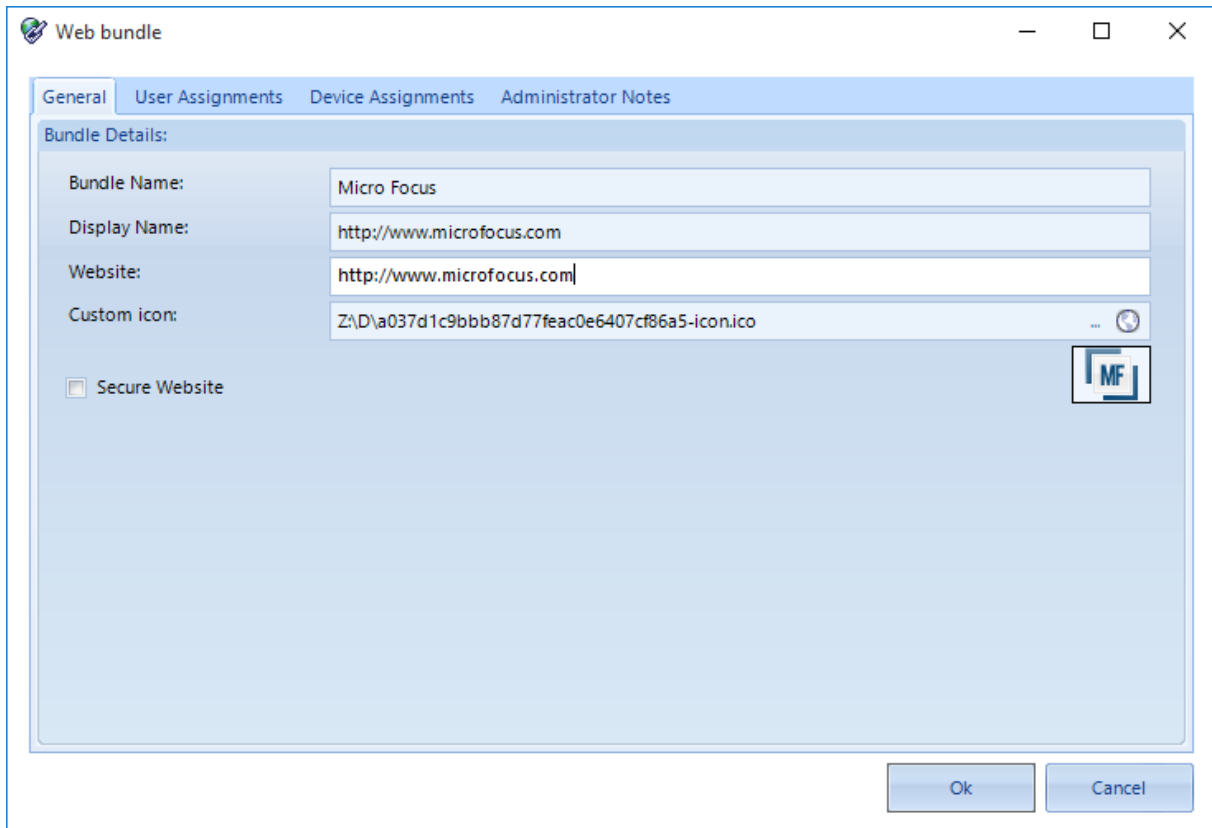
### ***Create Bundle Group***

Creates a bundle group.



## Create Web Bundle

Creates a Windows bundle based on the Web Application category, with one Launch URL action.

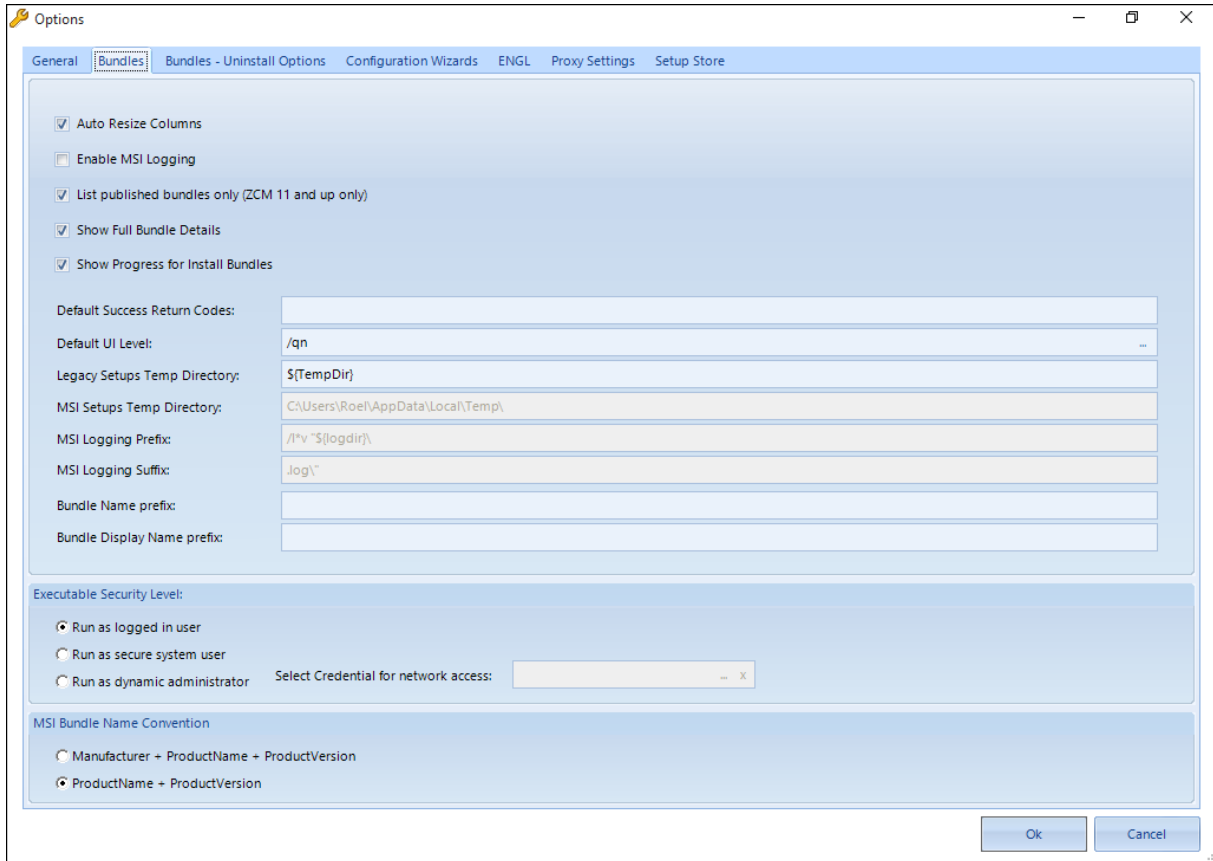


## Configuration

The Configuration ribbon group lets you configure Setup Commander for ZENworks.

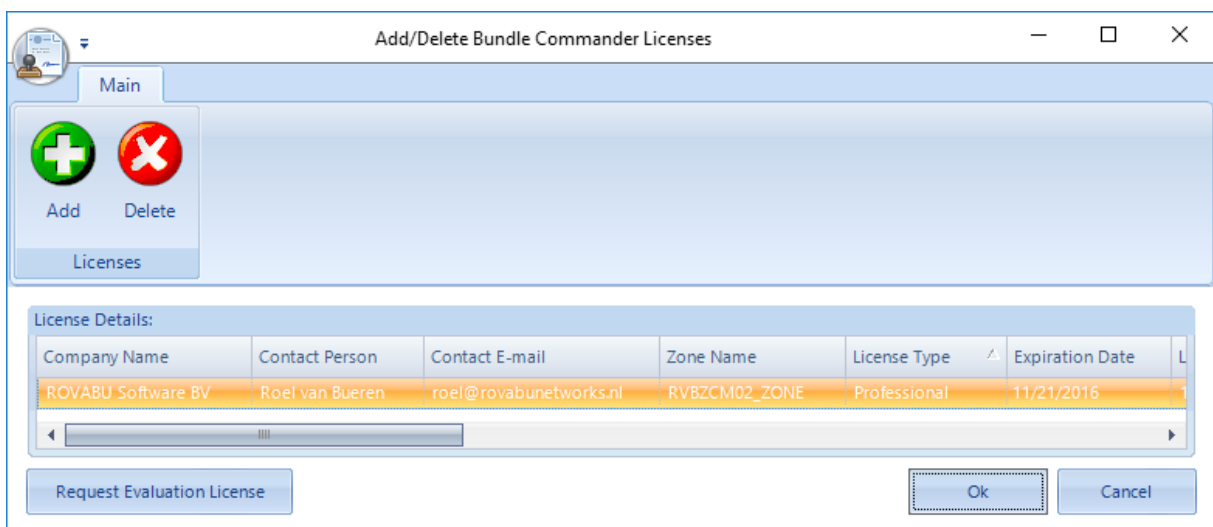
### Options

Use this option to configure options related to General options, Bundles, Configuration Wizards, the integration with ENGL Imaging Toolkit, Proxy Settings and the Setup Store.



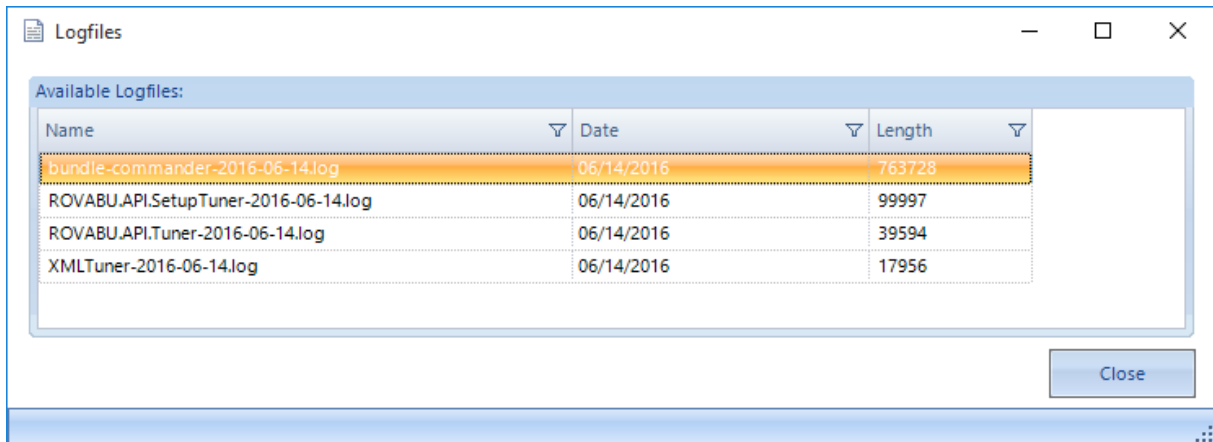
## Licensing

You can add, remove, and review 'Professional Edition' licenses for Setup Commander for ZENworks. To run Setup Commander for ZENworks in 'Standard Edition' no license is needed.



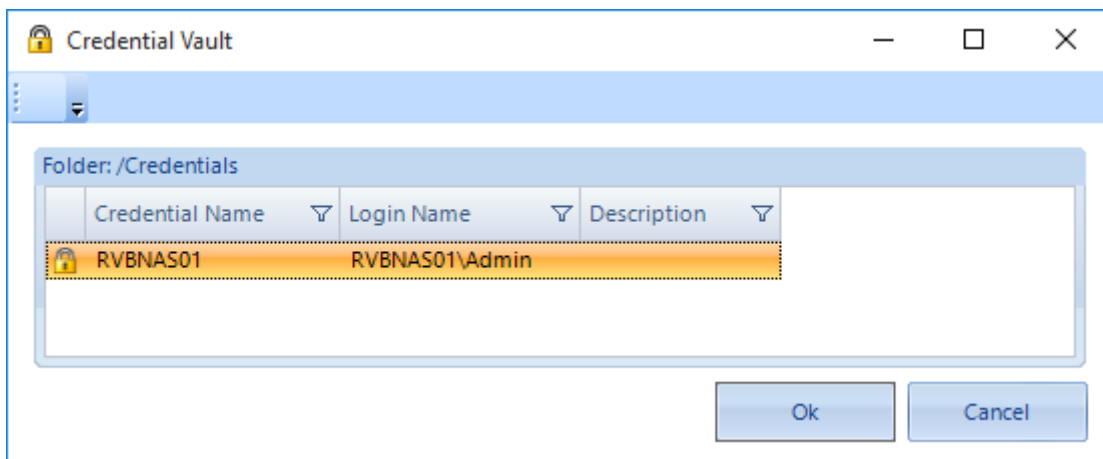
## Logfiles

When support requests log files for analysis, you can find the Setup Commander for ZENworks log files in the following locations:



## Credential Vault

The ZENworks Configuration Management credential vault lets you review the Credential Vault users that have been defined in ZENworks Control Center.



## Reports

The Reports ribbon group covers exporting the selected directory or the selected bundle folder to Excel, PDF, XPS, or TXT format, or to print it to a selected printer.

### Create Report

Exports the list of directories of a selected directory or the list of bundles in a selected bundle folder to Excel, Excel 2007/2010, Adobe PDF, Microsoft XPS, or text format.

### Print

Prints the list of directories of a selected directory or the list of bundles in a selected bundle folder to a selected printer.

## **General**

The General ribbon group lets you check the About settings for updates or to visit the Setup Commander for ZENworks Web site.

### ***About***

The About section includes general remarks about Setup Commander for ZENworks, release notes, and a link to the support forums.

### ***Check for updates***

On startup, Setup Commander for ZENworks automatically checks whether a new build is available. You can also do this manually by using 'Check for updates'.

### ***Refresh Configuration Wizards***

On startup, Setup Commander for ZENworks automatically checks whether your collection of Configuration Wizards needs to be updated. You can also do this manually by using 'Refresh Configuration Wizards'.

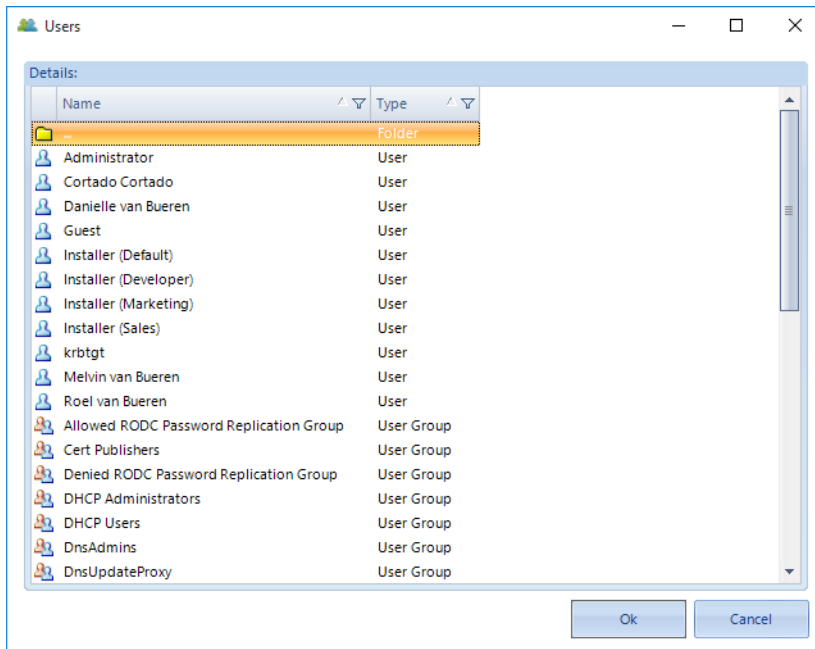
### ***Website***

Links to the Setup Commander for ZENworks Web site (<http://www.setupcommander.com>).

## Relationships

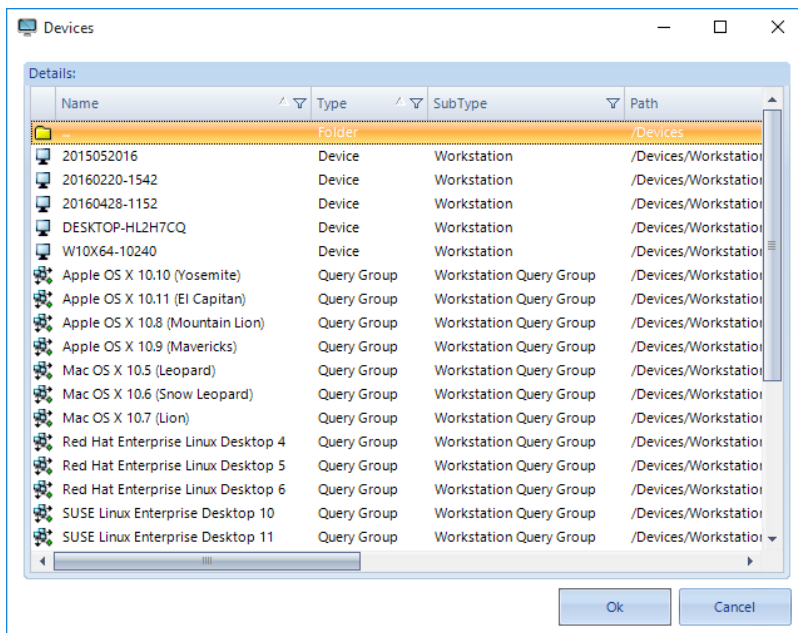
### Users

Allows you to review all available users by browsing through the user sources that have been defined in ZENworks Control Center.



### Devices

Allows you to review all devices that are available in the connected ZENworks Management Zone.





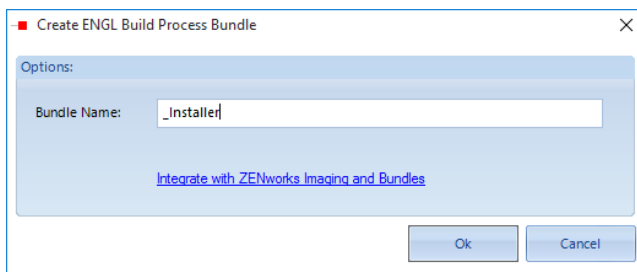
ENGL Imaging Toolkit for Novell ZENworks is an automated deployment solution for Windows 7, Vista, XP, Windows Server 2008/R2, and Windows Server 2003. Imaging Toolkit includes hardware-independent imaging, OEM driver management, automated repeatable build process, Novell Client and ZENworks Agent installation, ZENworks and Active Directory registration, application installation, and customization.

The Setup Commander for ZENworks team and ENGL teamed up to work on a first integration between Setup Commander for ZENworks, ZENworks Configuration Management, and ENGL Imaging Toolkit. This integration is useful for customers who want to use multiple Installation profiles for installing Windows applications during the ENGL build process.

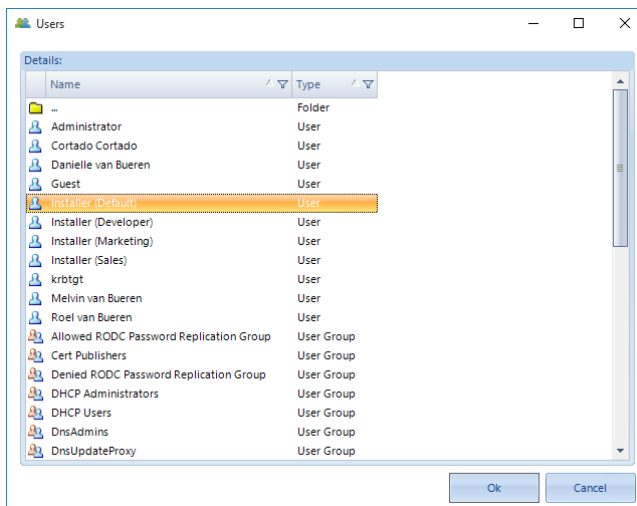
Imaging Toolkit's build process provides integration with ZENworks Configuration Management to install selected Windows bundles during ENGL's build process. You can use the Create Build Process Bundles option to create two Windows bundles related to ENGL Imaging Toolkit's build process.

You do this by using a preconfigured ENGL Installer user and an \_Installer Windows bundle that you can assign bundles to. The user is then used to log in during ENGL's build process in order to install applications you want to be installed by default after the build process has been finished.

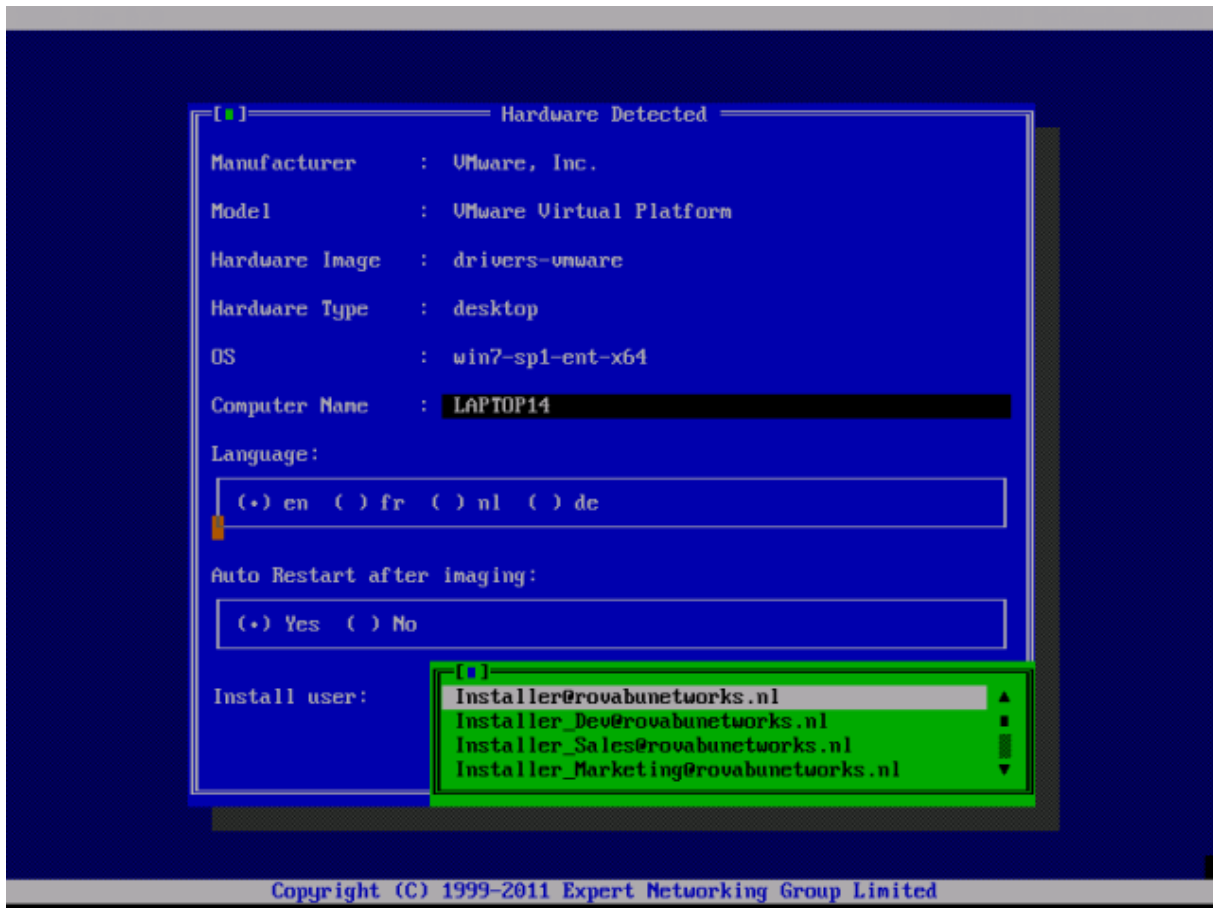
Setup Commander for ZENworks provides the ability to create the default ENGL Bundle Folder and \_Installer user, similar to what the ENGL's Integration Wizard does. It also provides the option to create different \_Installer bundles for the ENGL Build process:



These bundles can then be assigned to a selected Installer user:



By extending both ZIM (ENGL's Secure Imaging front-end menu system) as well as configuring a variable ENGL build process Installer user, the ZENworks administrator can select which Installer user is used for the Imaging Build process:



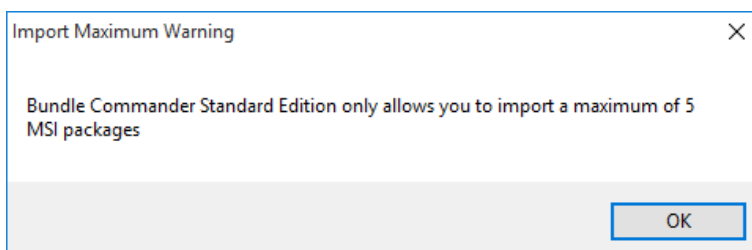
## Import Wizards

### Import MSIs

#### *The Generic MSI Import Wizard*

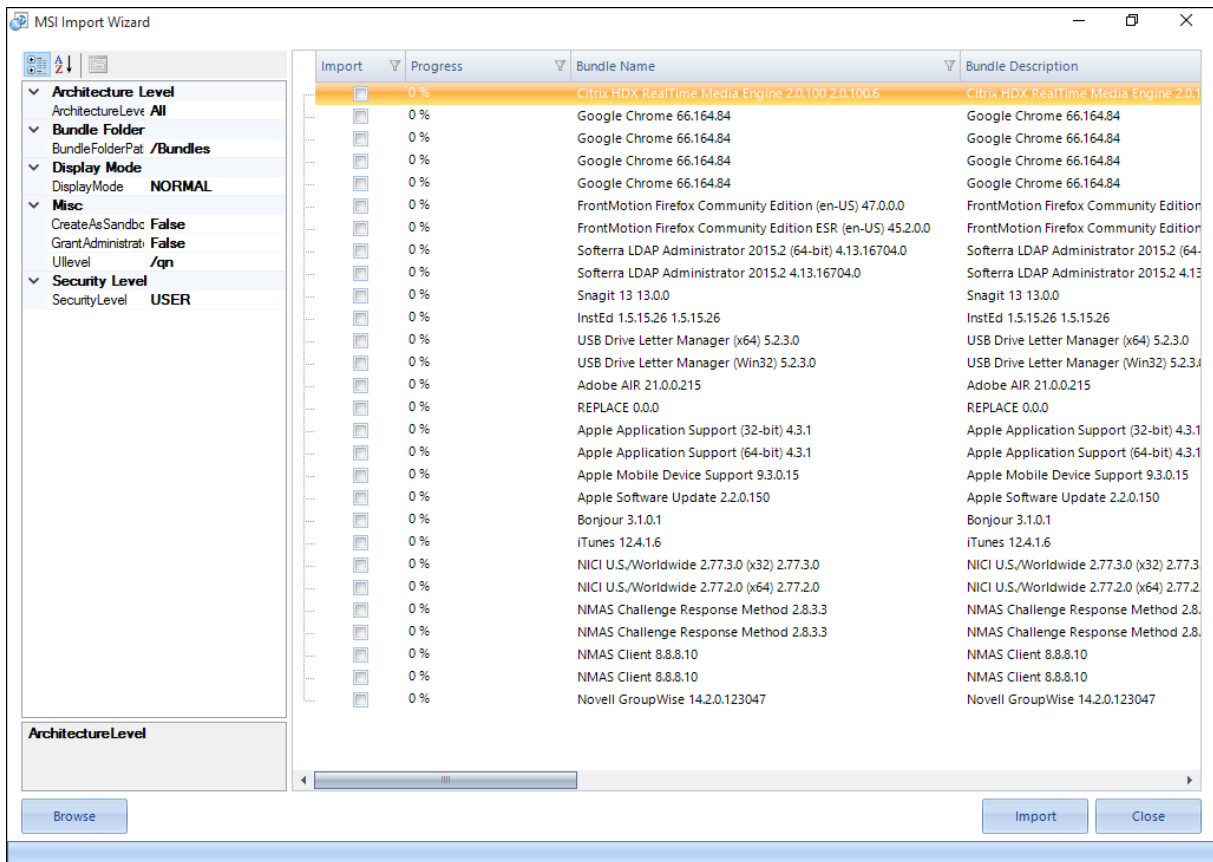
The generic MSI import Wizard lets you select a directory in which multiple MSI packages have been stored. The best practice is to have a separate subdirectory per software product.

Setup Commander for ZENworks Standard Edition lets you import a maximum of five packages:



The Professional Edition does not have this limitation.

Click the Browse button in the upper left corner of the MSI Import Wizard in order to select the directory with MSI packages you want to import.



When the MSI packages have been listed in the grid, click Import to import the packages.

Use the Property grid to configure how you want the Windows bundles to be created.

<b>Architecture Level</b>	
ArchitectureLevel	All
<b>Bundle Folder</b>	
BundleFolderPath	/Bundles
<b>Display Mode</b>	
DisplayMode	NORMAL
<b>Misc</b>	
CreateAsSandbox	False
GrantAdministratorPrivilege	False
UILevel	/qn
<b>Security Level</b>	
SecurityLevel	USER

#### *Architecture Level*

Adds an ARCHITECTURE=x86 requirement to the Windows bundle when the value is set to X86.

Adds an ARCHITECTURE=x64 requirement to the Windows bundle when the value is set to X64.

Adds no ARCHITECTURE requirement when the value is set to All.

#### *Bundle Folder*

Determines the bundle folder where the Windows bundles are created.

#### *Display Mode*

Determines the Display Mode for the executable security level that is used for the Install MSI action of the Windows bundle that is created.

#### *CreateAsSandbox*

Determines whether the Windows bundle is created in a Sandbox first. This feature is only available in ZENworks Configuration Management 11.x.

#### *GrantAdministratorPrivilege*

Determines if administrator privileges are granted to the user during the Install MSI action for the Windows bundle that is created.

#### *UILevel*

The quiet parameter setting that is used for the Install, Uninstall and Repair parameters for msiexec.

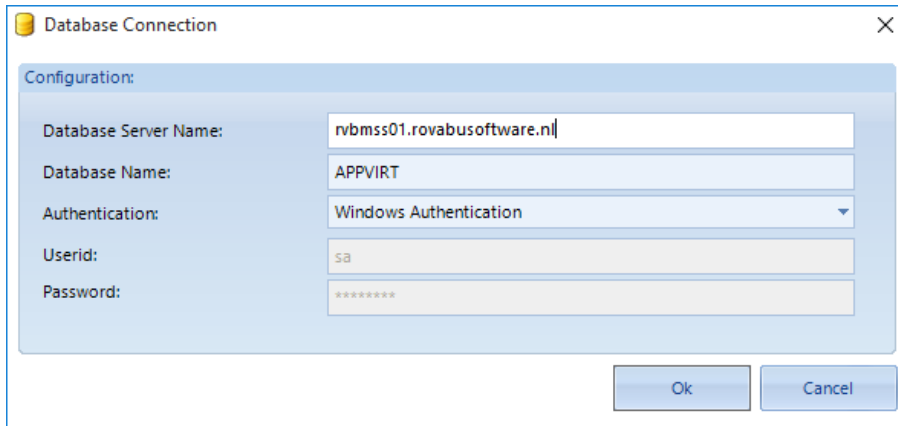
#### *Security Level*

Determines the executable security level for the Install MSI action of the Windows bundle that is created.

## Import Virtual Applications

### The App-V Import Wizard

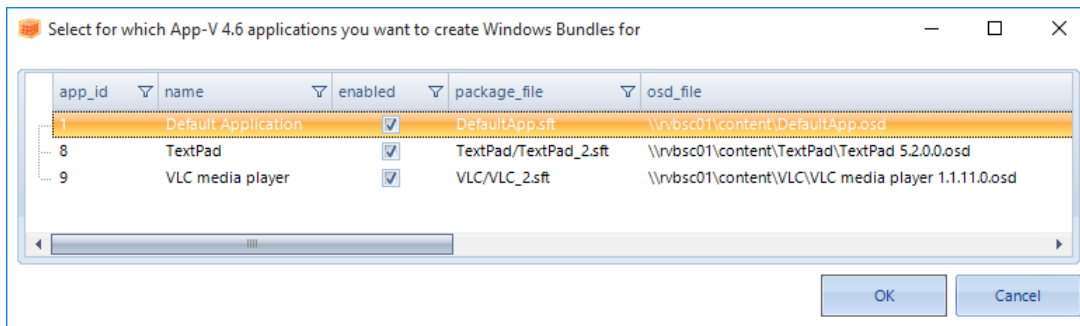
The App-V Import Wizard is only available in the Professional Edition. It supports creating Windows Launch bundles for App-V 4.6 applications. You can use the App-V Import Wizard to connect to the Application Virtualization Database on the database server you have configured during installation of your App-V server.



The screenshot shows a dialog box titled "Database Connection" with a close button (X) in the top right corner. The dialog is divided into a "Configuration:" section and a bottom section with "Ok" and "Cancel" buttons. The "Configuration:" section contains the following fields:

- Database Server Name: rvbmss01.rovabusoftware.nl
- Database Name: APPVIRT
- Authentication: Windows Authentication (dropdown menu)
- Userid: sa
- Password: \*\*\*\*\*

All App-V applications that are available in the Application Virtualization Database are shown. Select the applications for which you want to create Launch bundles, then click Ok:

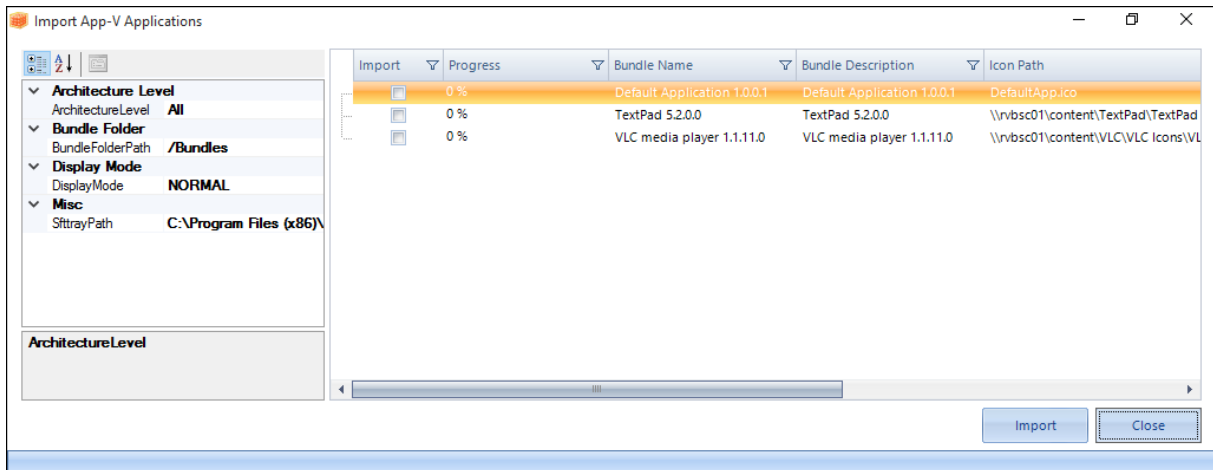


The screenshot shows a dialog box titled "Select for which App-V 4.6 applications you want to create Windows Bundles for" with standard window controls (minimize, maximize, close) in the top right corner. The dialog contains a table with the following data:

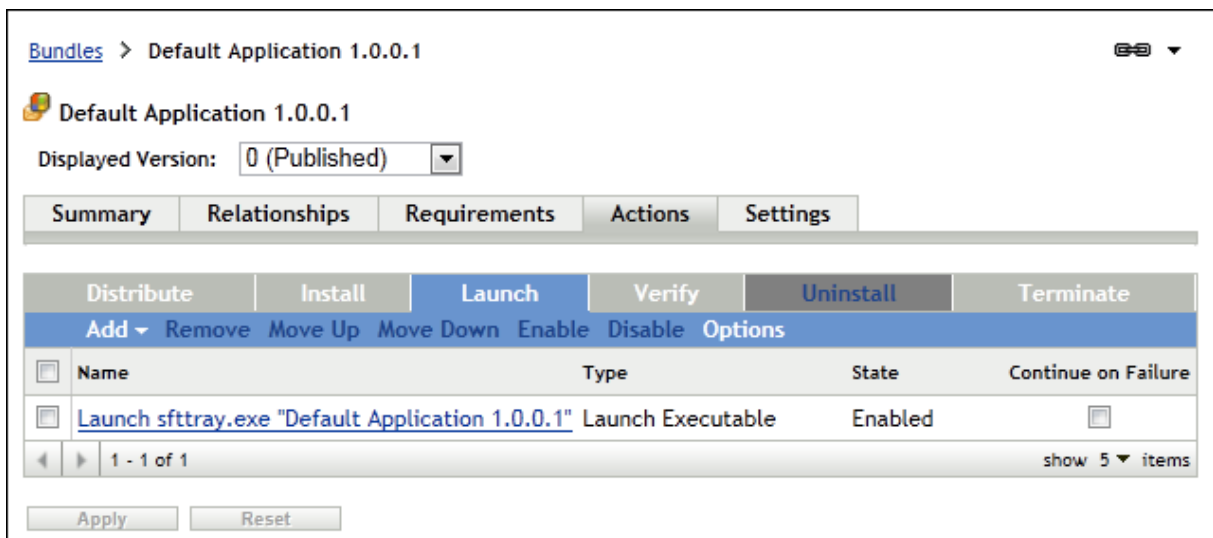
app_id	name	enabled	package_file	osd_file
1	Default Application	<input checked="" type="checkbox"/>	DefaultApp.sft	\\rvbsc01\content\DefaultApp.osd
8	TextPad	<input checked="" type="checkbox"/>	TextPad/TextPad_2.sft	\\rvbsc01\content\TextPad\TextPad 5.2.0.0.osd
9	VLC media player	<input checked="" type="checkbox"/>	VLC/VLC_2.sft	\\rvbsc01\content\VLC\VLC media player 1.1.11.0.osd

At the bottom right of the dialog are "OK" and "Cancel" buttons.

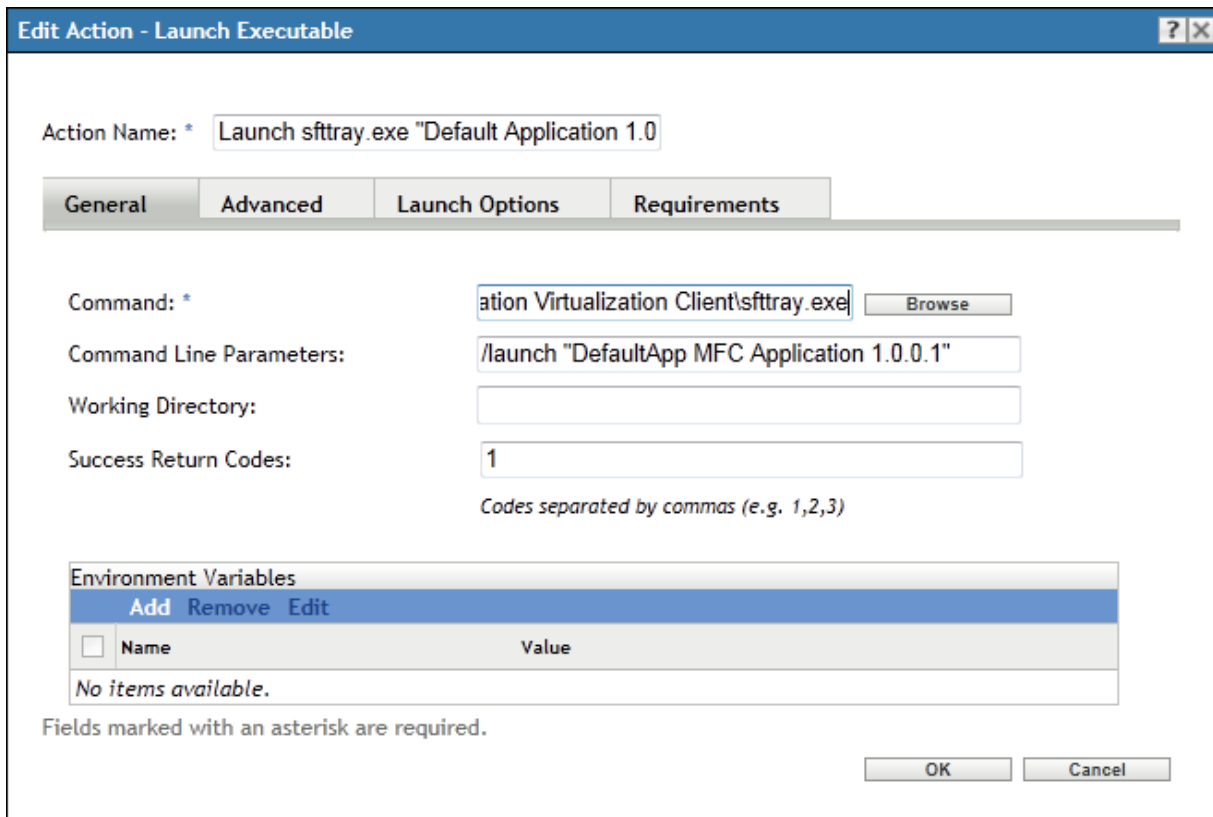
The Import App-V Application screen then shows the suggested bundle name and bundle description for every selected App-V application. The information is extracted from the App-V OSD file, and the App-V icon is used as an icon for the Windows bundle. When you want to change the name or description, you can click each cell and make changes accordingly. After selecting the Import check box for every bundle you want to create, click Import and the Launch bundles are created:



The Launch bundles that have been created have one Launch action each. The name of every Launch action is derived from the selected App-V application:



The action details show how the correct parameters for `sftray.exe` are configured:



**Edit Action - Launch Executable** [?] [X]

Action Name: \*

**General** | Advanced | Launch Options | Requirements

Command: \*

Command Line Parameters:

Working Directory:

Success Return Codes:   
*Codes separated by commas (e.g. 1,2,3)*

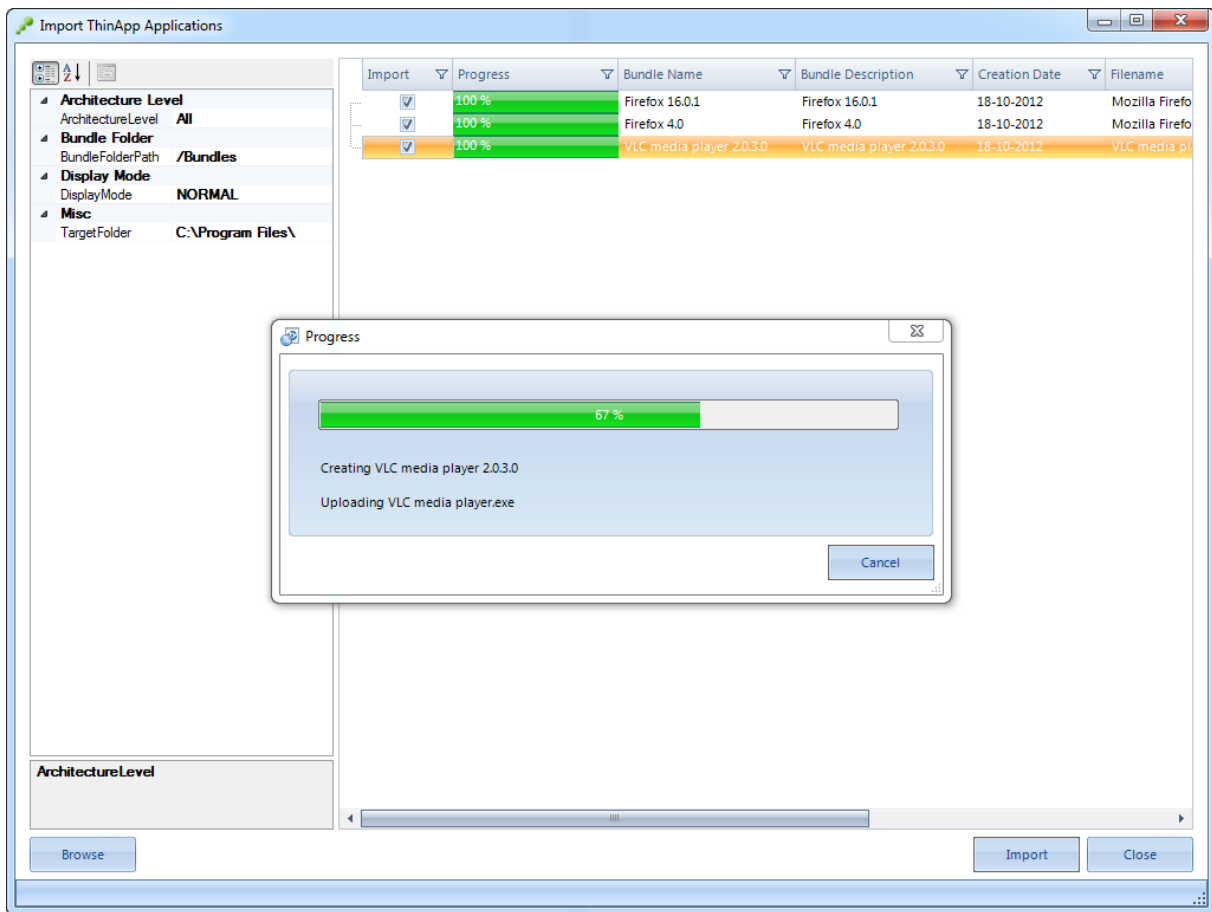
**Environment Variables**  
Add Remove Edit

<input type="checkbox"/>	Name	Value
No items available.		

Fields marked with an asterisk are required.

## The ThinApp Import Wizard

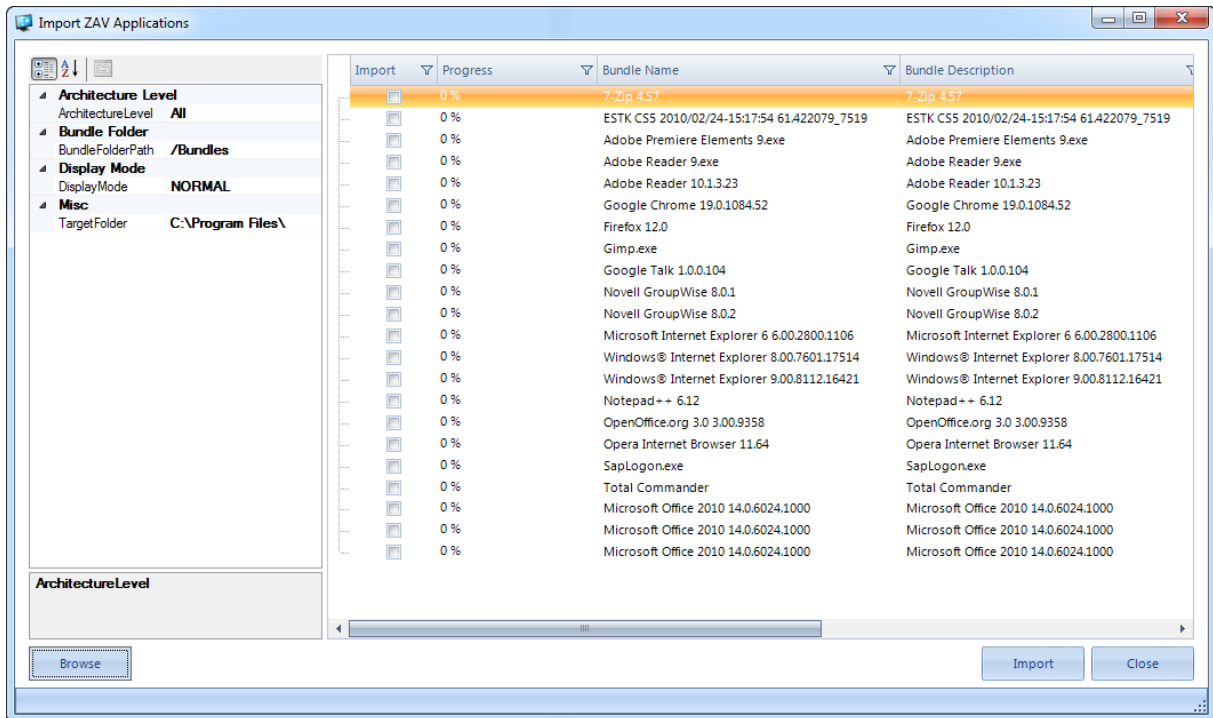
The ThinApp Import Wizard is only available in the Professional Edition. It lets you mass import virtual applications created by VMware ThinApp:





## The ZAV Import Wizard

The ZENworks Application Virtualization (ZAV) Import Wizard is only available in the Professional Edition. It lets you mass import virtual applications created by ZENworks Application Virtualization:



## Creating Windows Bundles (MSI)

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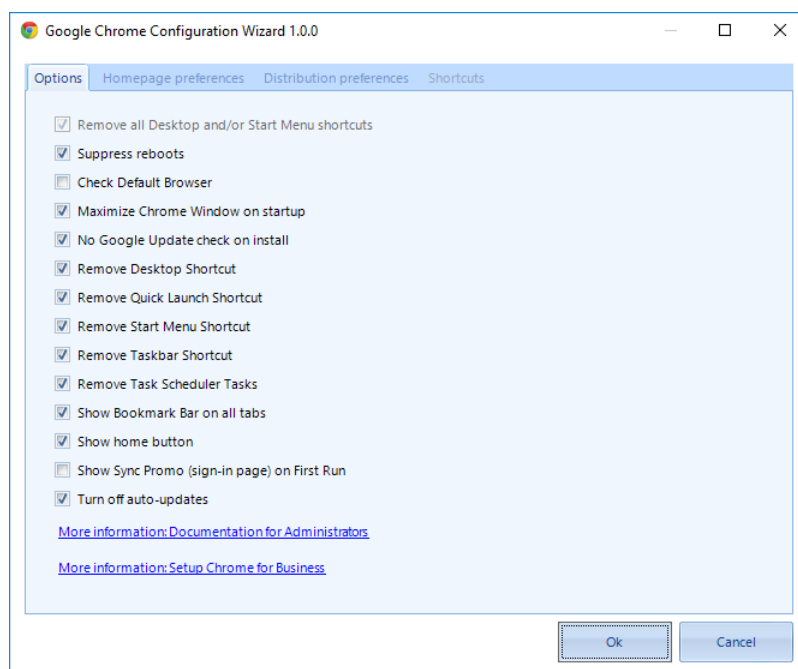
### General

With Setup Commander for ZENworks, you can quickly and intuitively create a Windows bundle from a selected MSI package. For the Novell GroupWise Client, Novell Vibe Desktop, and Novell Filr, Configuration Wizards are also available.

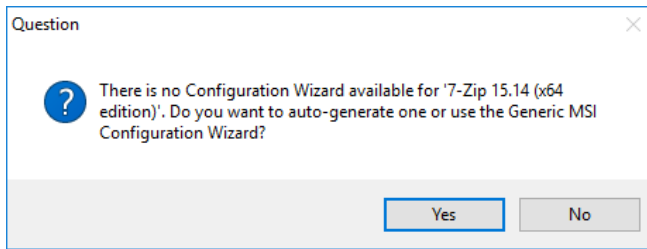
Setup Commander for ZENworks Professional Edition has Configuration Wizards for applications such as Adobe AIR, Flash, Reader, and Acrobat, and VMware View, Player, and Workstation. For the most current list of configuration wizards, please visit our Web site.

Our Configuration Wizards provide you options to 'Remove all Desktop and/or Start Menu shortcuts, to 'Suppress' Reboots', to Disable auto-update mechanisms, to include Licensing Information, to include Database Settings and to configure many other most typical deployment options. These options are stored in a transform file (MST) for the selected MSI.

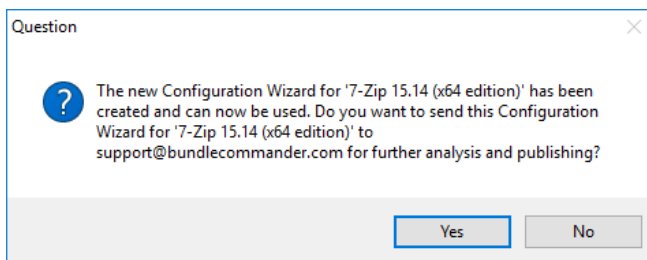
One example is our 'Google Chrome Configuration Wizard' with which one can configure the default configuration options for Google Chrome:



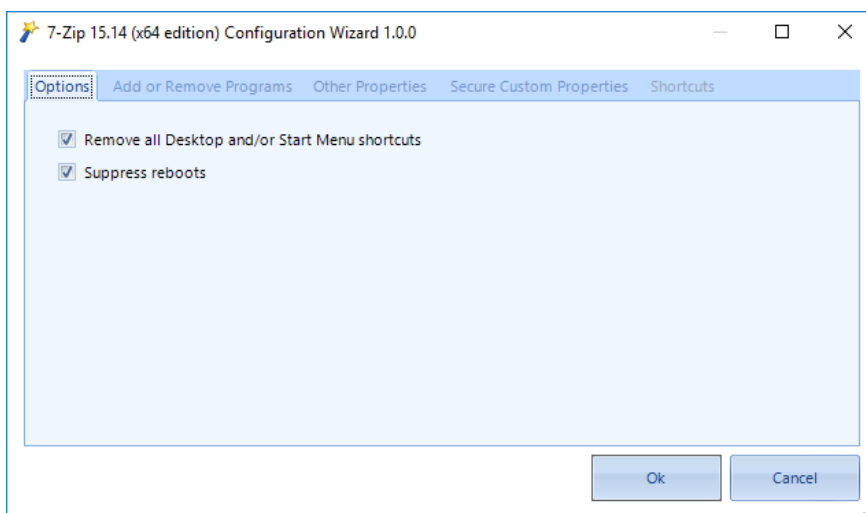
For those vendors MSI we don't have a Configuration Wizard for, Setup Commander for ZENworks will auto-generate a Configuration Wizard for you instantaneously:



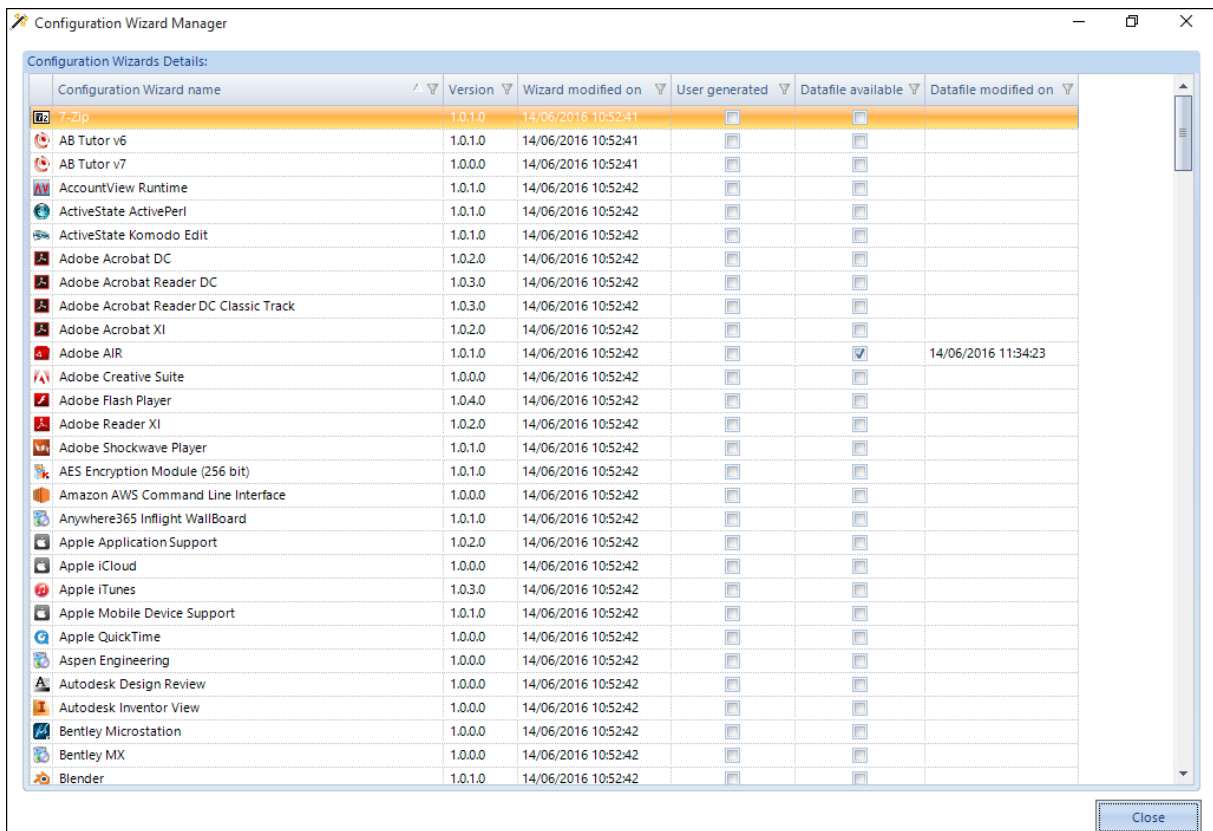
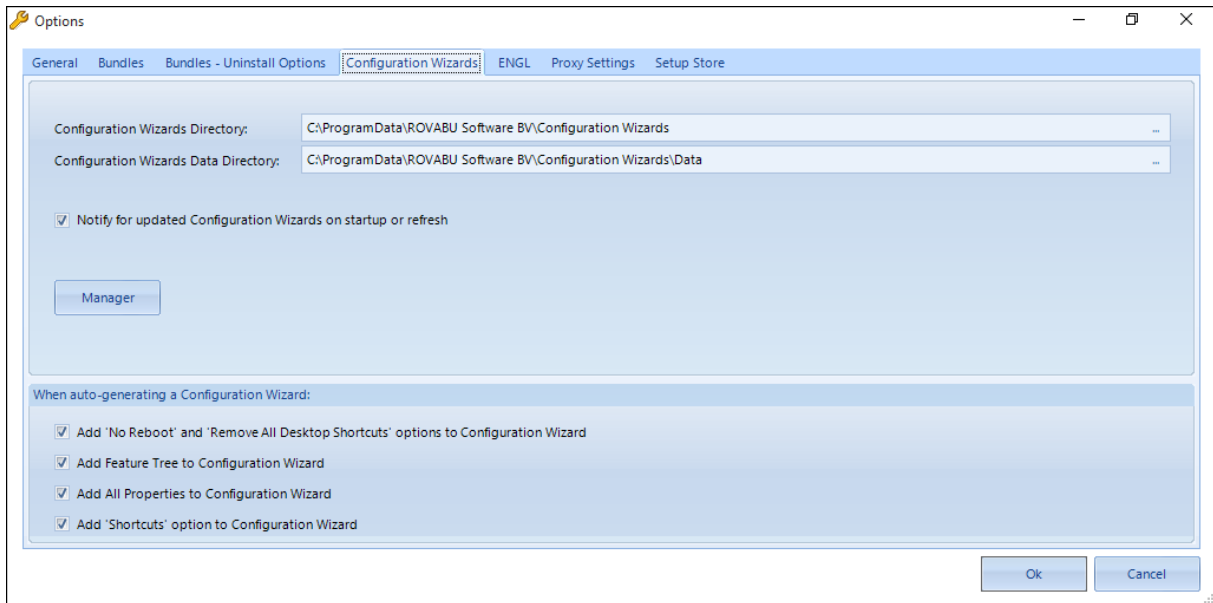
An auto-generated Configuration Wizard is based on 'best practices' and can be optionally be sent to our support team for further analysis, to be enhanced and for publishing purposes, to become available for other Setup Commander for ZENworks users 'as a service':



After a Configuration Wizard has been auto-generated, it's available immediately to transform the selected MSI:



If you like to review the current list of Configuration Wizards, please start the 'Configuration Wizard Manager' from within Setup Commander for ZENworks, available under 'Options', 'Configuration Wizards':



Setup Commander for ZENworks Professional Edition also has a 'Generic MSI Configuration Wizard' available if you don't want to use the Configuration Wizards available 'as a service':

Generic MSI Configuration Wizard

Options:

- Remove all Desktop and/or Start Menu shortcut(s)
- Suppress all reboots and reboot prompts initiated by ForceReboot during the installation
- Generate Response Transform file

ALLUSERS Property:  ?

INSTALLDIR Property:  ?

REINSTALLMODE Property:  ?

REINSTALL Property:  ?

TARGETDIR Property:  ?

Shortcuts:

Shortcut	Name	Description	Directory	Target
Administration_Guide.pdf	Administration Guide		setupc_1_setup_commander	[INSTALLDIR]Administration Guide.pdf
Setup_Commander.exe	Setup Commander		setupc_1_setup_commander	Setup_Commander_Files
Setup_Commander.exe1	Setup Commander		DesktopFolder	Setup_Commander_Files

Add/Remove Programs / Programs and Features Details:

Comments:

Contact:

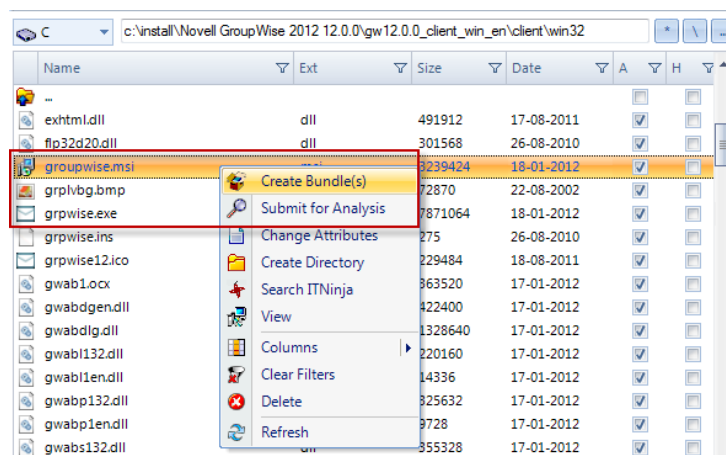
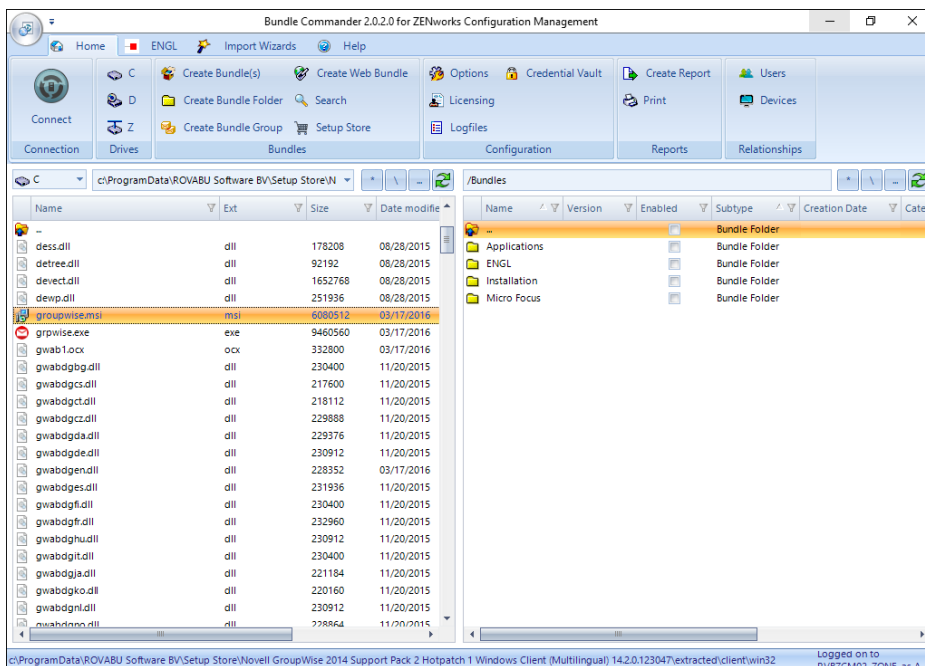
HelpLink:

Ok Cancel

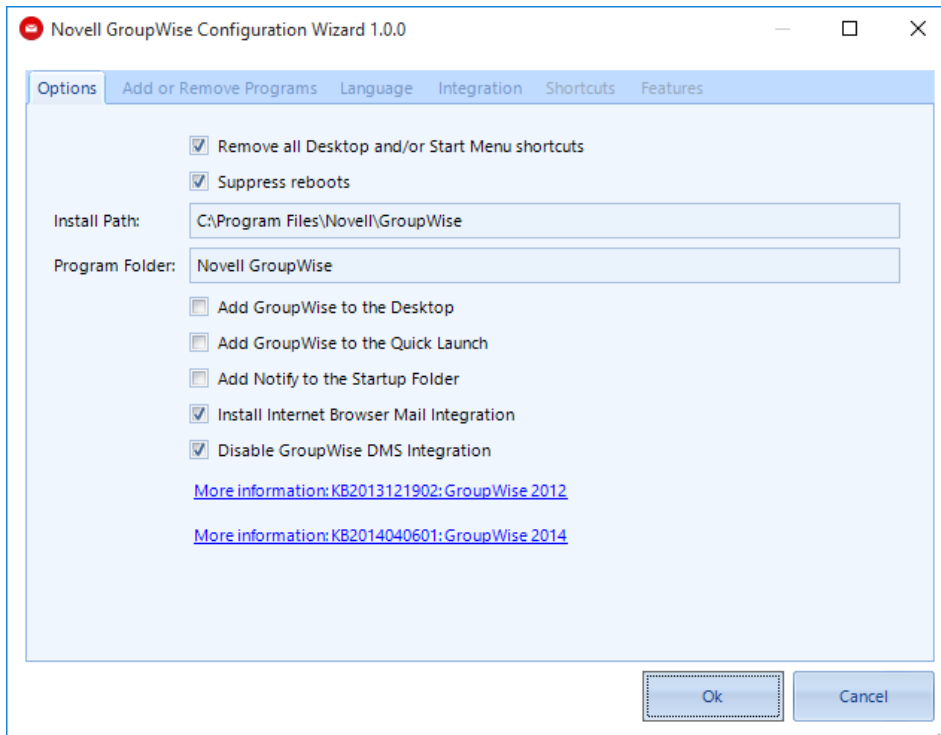
## GroupWise 2014

The gw14.2.0\_client\_win\_en.exe client that is available through the Novell download Web site is a 7-Zip self-extracting archive with the actual setup files embedded in it. You must extract the setup files first by either using an archive utility like WinZIP or WinRAR or by copying it out of your temporary directory `c:\Users\\AppData\Local\Temp` after you run this setup.

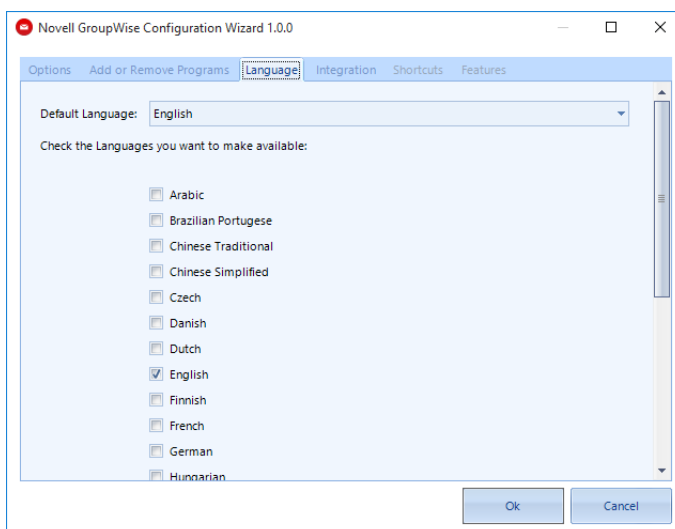
To use the GroupWise Configuration Wizard provided by the Setup Commander for ZENworks Standard Edition, select the `groupwise.msi` MSI package (stored in the `..\client\win32\` directory), then click the Create Bundle(s) button on the ribbon bar, or right-click the package and select Create Bundle(s) from the context menu.



Setup Commander for ZENworks matches this MSI setup with the GroupWise Configuration Wizard. You use the Configuration Wizard to configure the installation path; the program folder on the Start menu; whether shortcuts should be created on the desktop, Quick Launch, and in the Startup Folder; whether Internet browser mail integration should be installed; and whether GroupWise Document Management should be enabled.

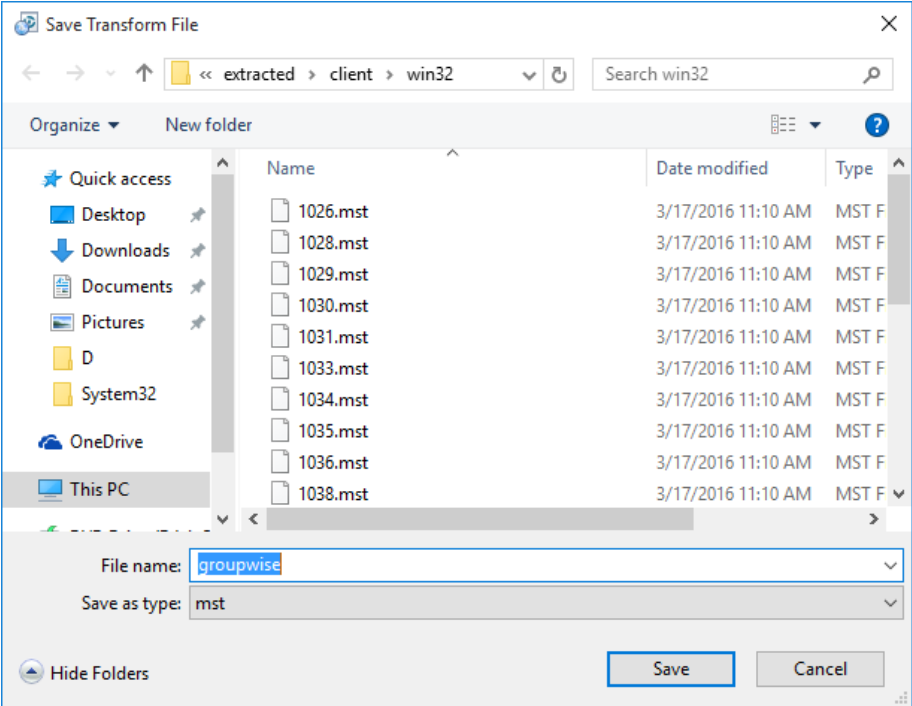


The Language tab has the option to select which languages you want to install and which language should be the default. This is applicable if you deploy the multi-lingual version of the GroupWise 2012 client.



When you have reviewed all settings, click Ok.

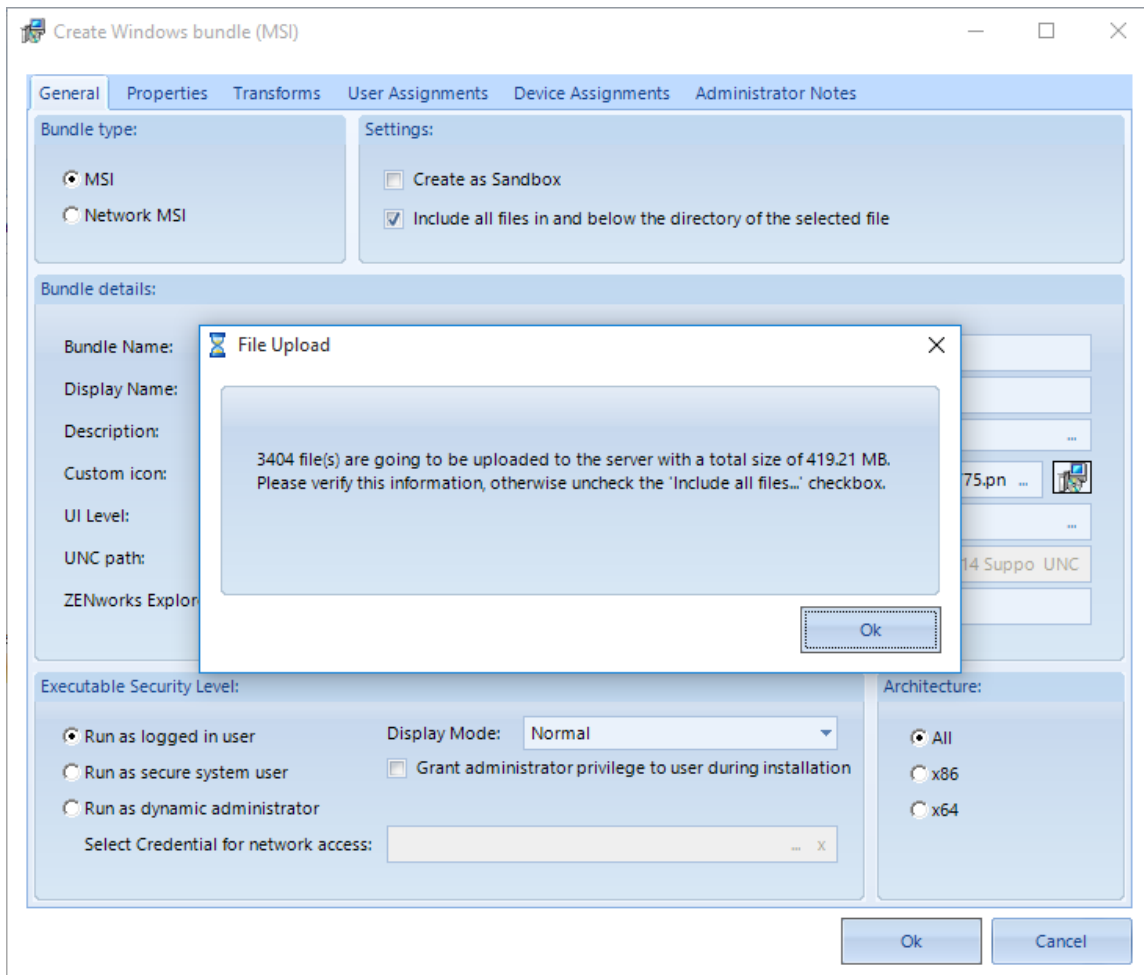
All Configuration Wizard settings must be saved in an MSI transform file. In the Save Transform File dialog box, you can use the default MSI transform file name or choose a different file name, then click Save.





After the MSI transform file has been successfully saved, the Create Windows Bundle (MSI) dialog box is shown. Because the selected GroupWise.MSI is an uncompressed MSI package (which means all files needed for the installation have been stored separately), the option to include all files in and below the directory is automatically selected.

The File Upload screen is shown on top of the Create Windows Bundle (MSI) screen. This screen informs you about the number of files and their total size. Review the information, then click Ok:



The Create Windows Bundle (MSI) screen has different tabs.

## *General*

### *Bundle Type*

For Bundle Type, select either MSI or Network MSI.

Selecting MSI adds one Install MSI action to the Windows bundle to install the selected MSI from the ZENworks Content Repository.

Selecting Network MSI adds one Install MSI action to install the MSI using the network path of the selected MSI.

### *Settings*

Create as a Sandbox creates the Windows bundle in a sandbox first.

The Include all files in and below the directory of the selected file option uploads all files for the selected MSI into the content repository.

### *Bundle Details*

Bundle Name shows a suggested bundle name, which can be edited if needed.

Display Name shows a suggested bundle display name, which can be edited if needed.

Custom Icon shows the default icon of the selected MSI package.

UI Level shows the MSIexec quiet switch settings that are suggested for the MSI installation.

UNC Path only appears when you set the Bundle Type to Network MSI. You can convert a drive mapping to UNC notation by using the UNC button.

### *Executable Security Level*

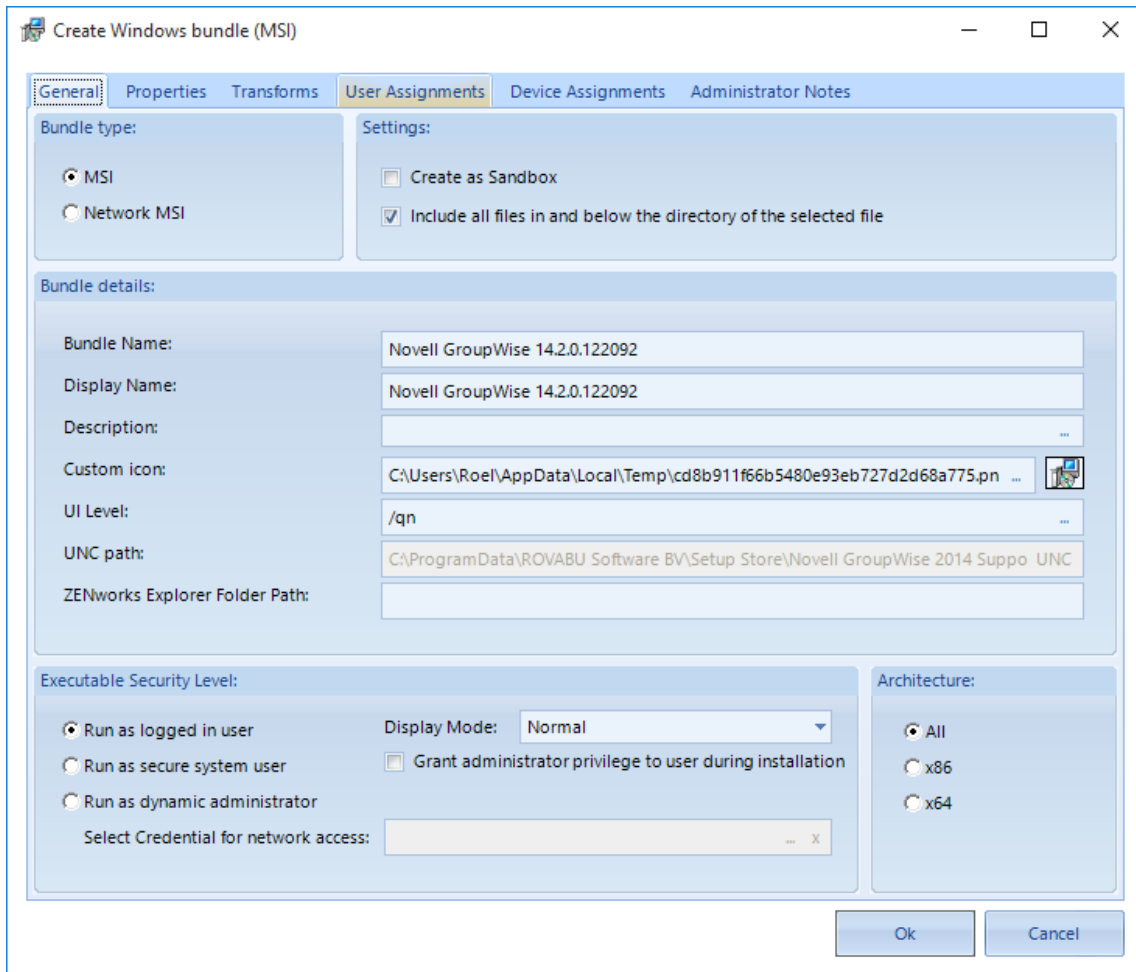
Use this option to set the executable security level for the Install MSI action that is added to the Windows bundle.

### *Architecture*

Adds an ARCHITECTURE=x86 requirement to the Windows bundle when the value is set to X86.

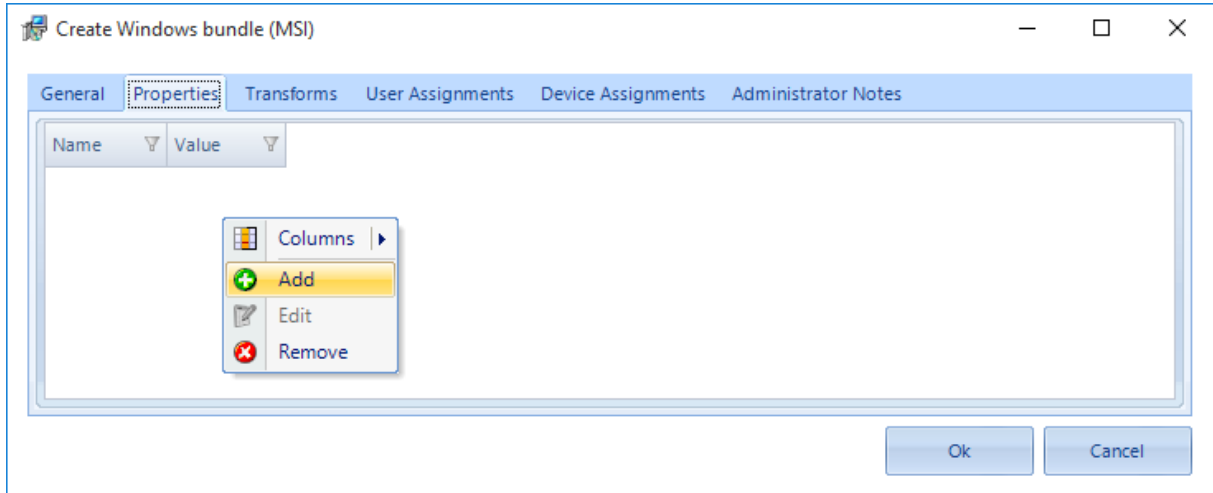
Adds an ARCHITECTURE=x64 requirement to the Windows bundle when the value is set to X64.

Adds no ARCHITECTURE requirement when the value is set to All.



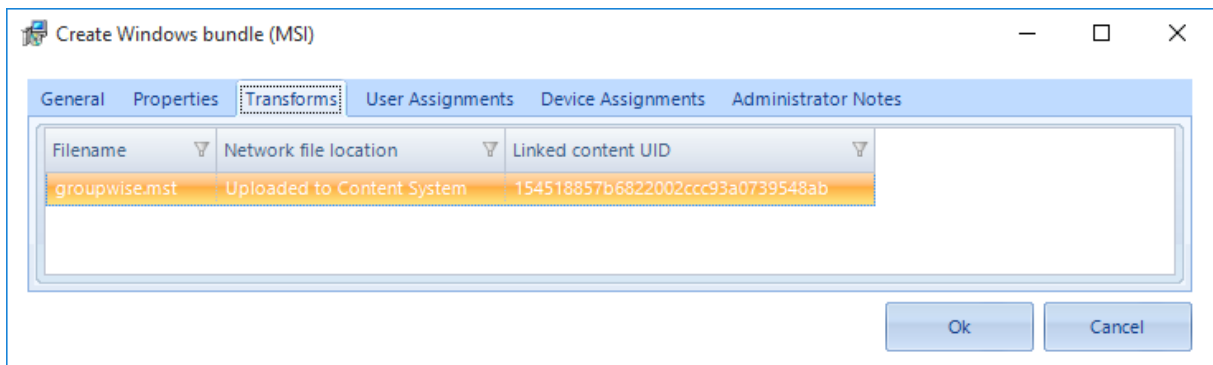
## Properties

Right-click Properties, then use the context menu to add, edit, or remove public properties for selected MSI packages. Setup Commander for ZENworks Professional Edition provides a number of best practice public properties, such as the property for InstallScript-based MSI packages that can be installed without the ISSETUPDRIVEN=1 property.



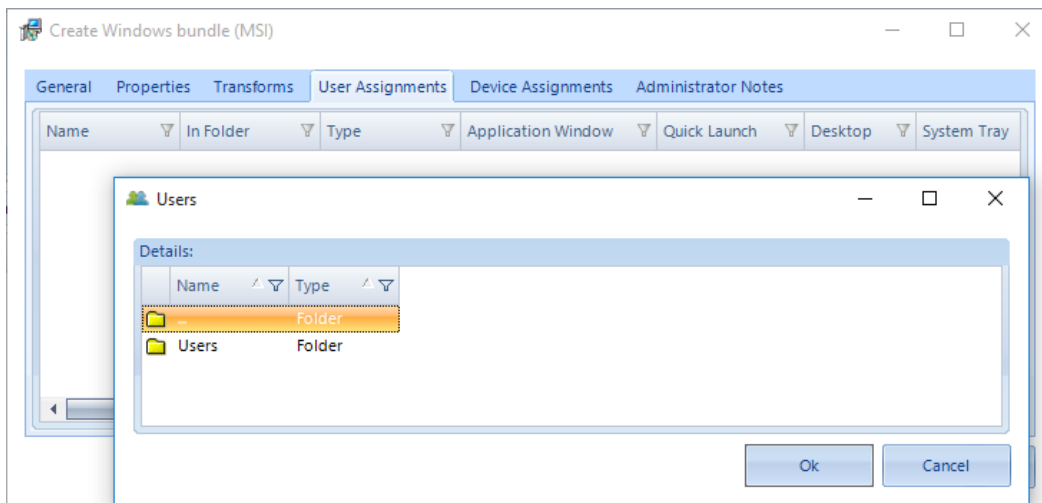
## Transforms

If you used the Configuration Wizard and saved the MSI transform file, it is automatically added to the Windows bundle. Right-click Transforms to add or remove additional transform files.

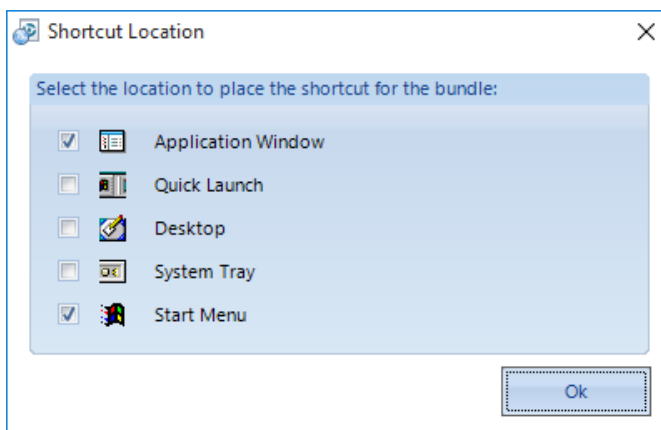


## User Assignments

Right-click User Assignments to assign the Windows bundle to one or more users.

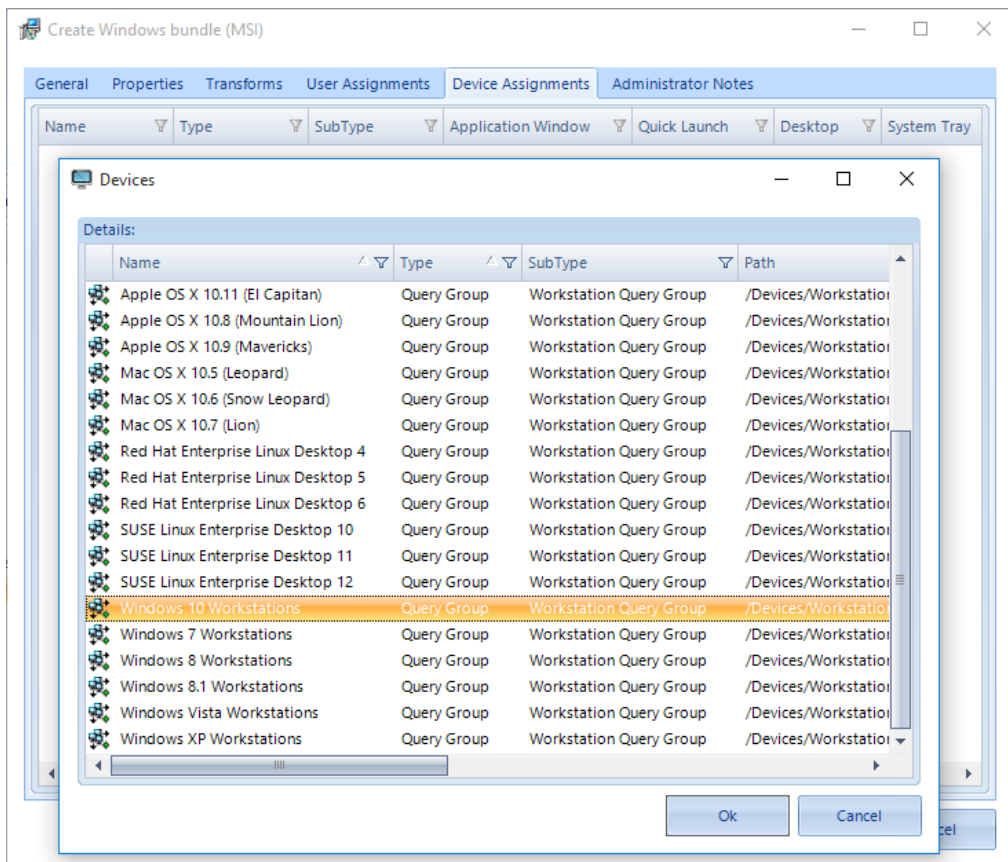


You can also set the Shortcut location accordingly.

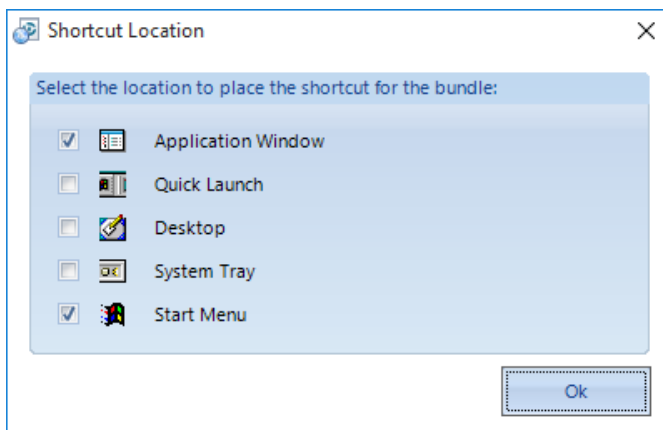


## Device Assignments

Right-click Device Assignments to assign the Windows bundle to one or more devices and device groups.

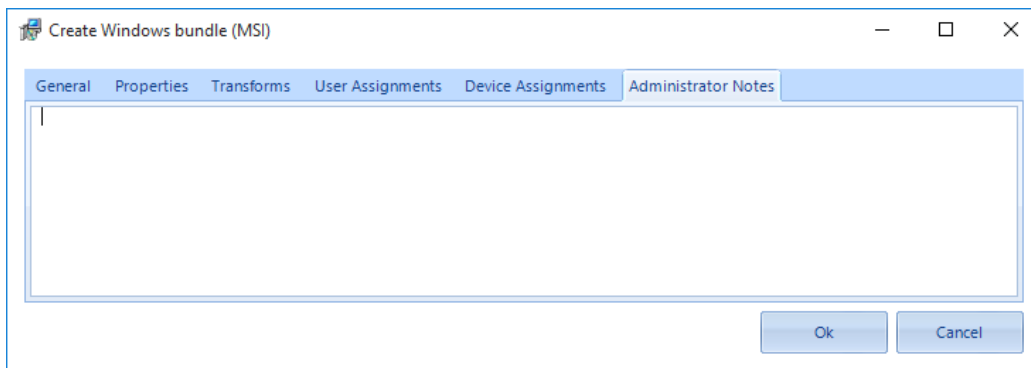


You can also set the Shortcut location accordingly.

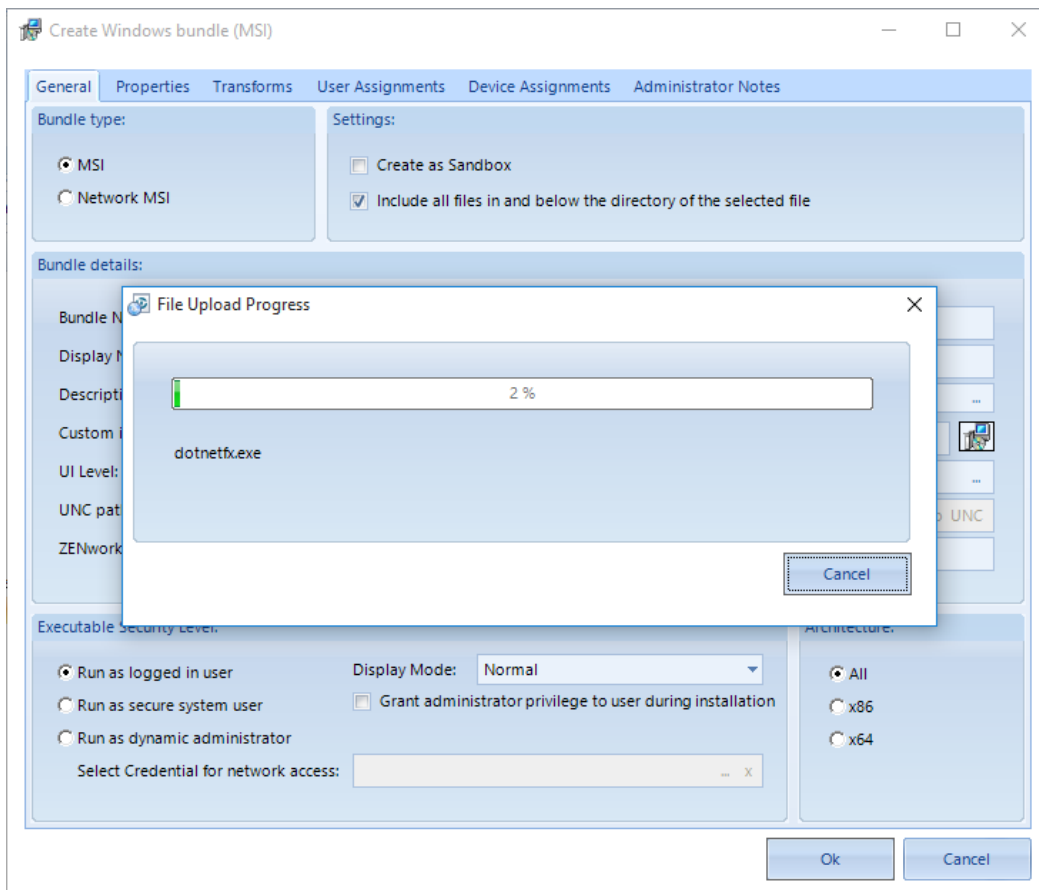


## Administrator Notes

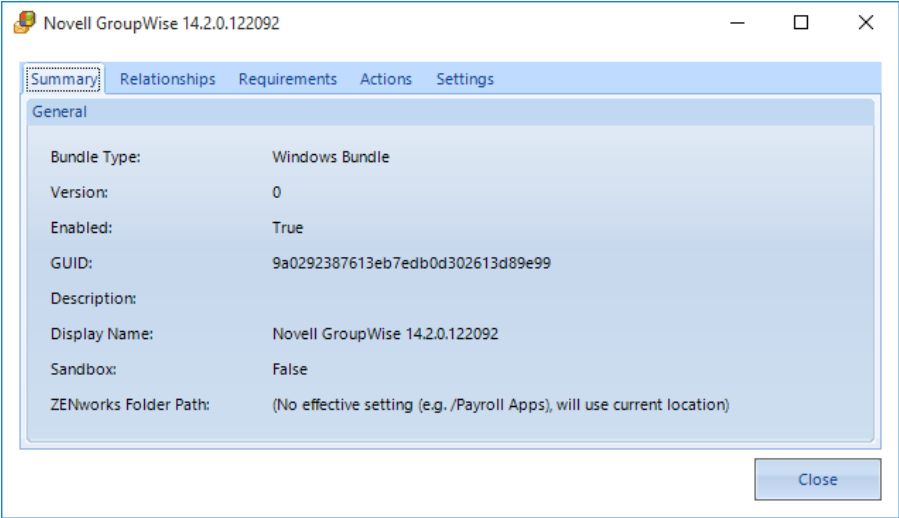
Use Administrator Notes to specify notes for the Windows bundle.



Click Ok to create the Windows bundle in the designated Bundle folder.

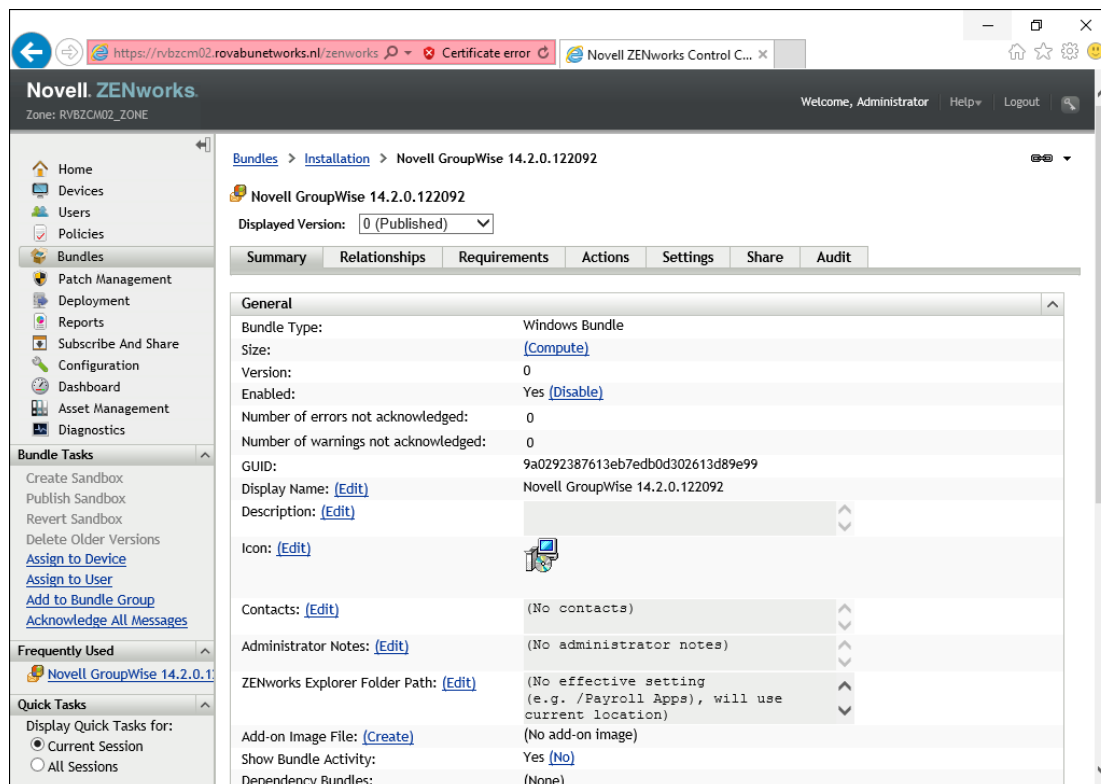
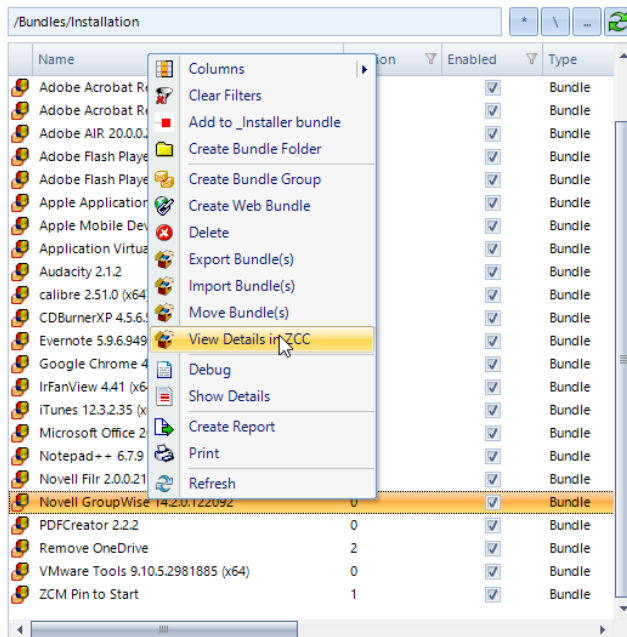


After the Windows bundle has been successfully created, you can right-click the bundle and use the content menu to view the available options. If you want to review a subset of the Windows bundle details, use the Show Details option.



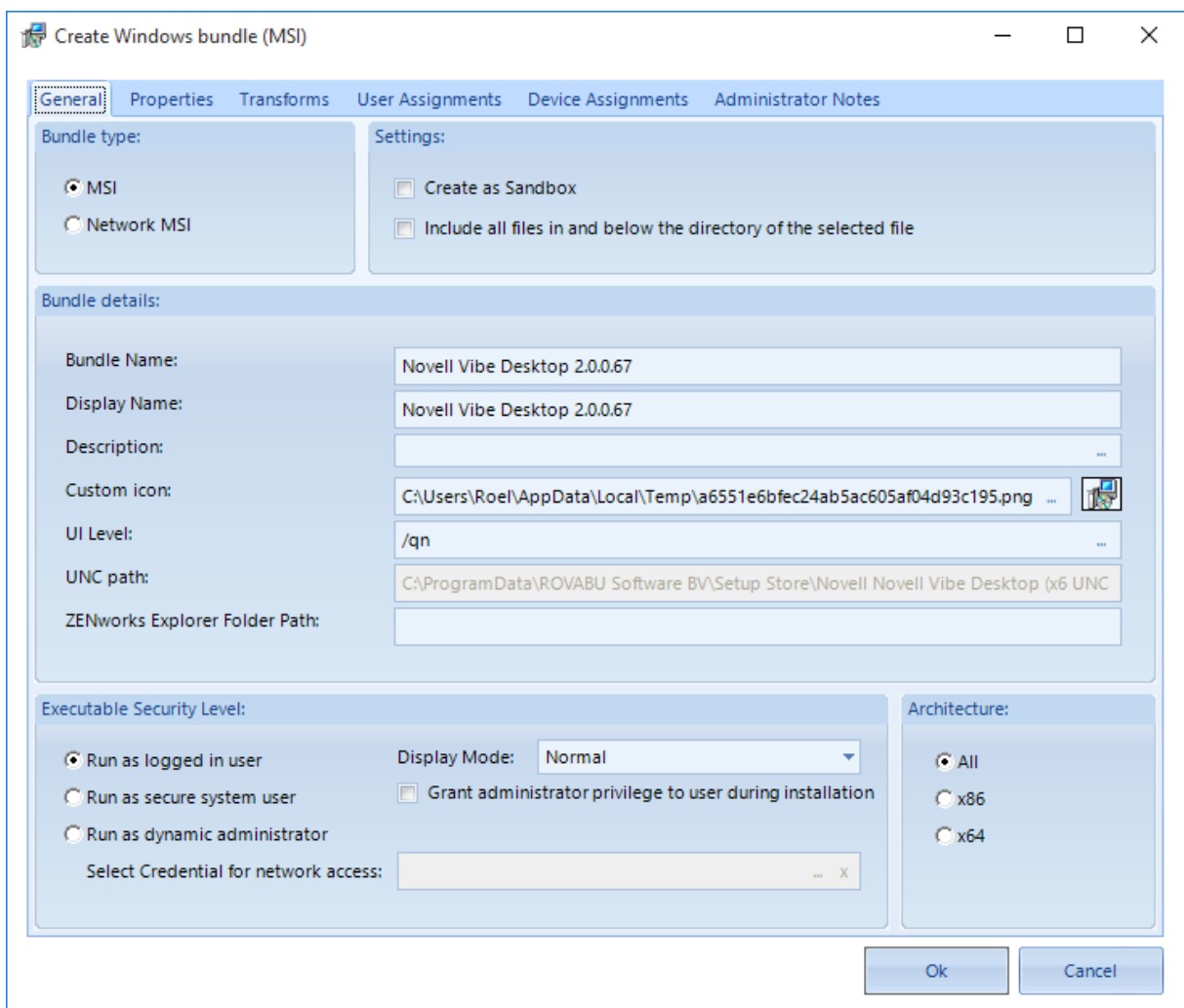
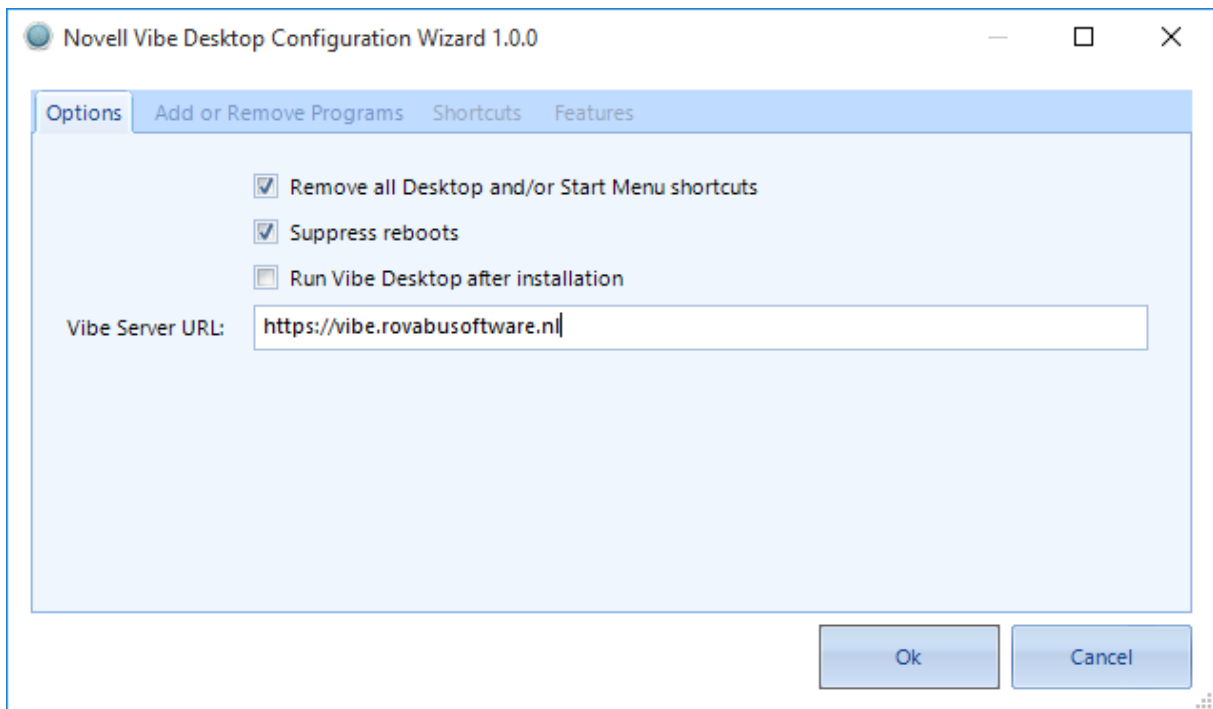


If you want to further customize the newly created Windows bundle , use the View Details in ZCC option, which redirects you to the bundle’s details in ZENworks Control Center.



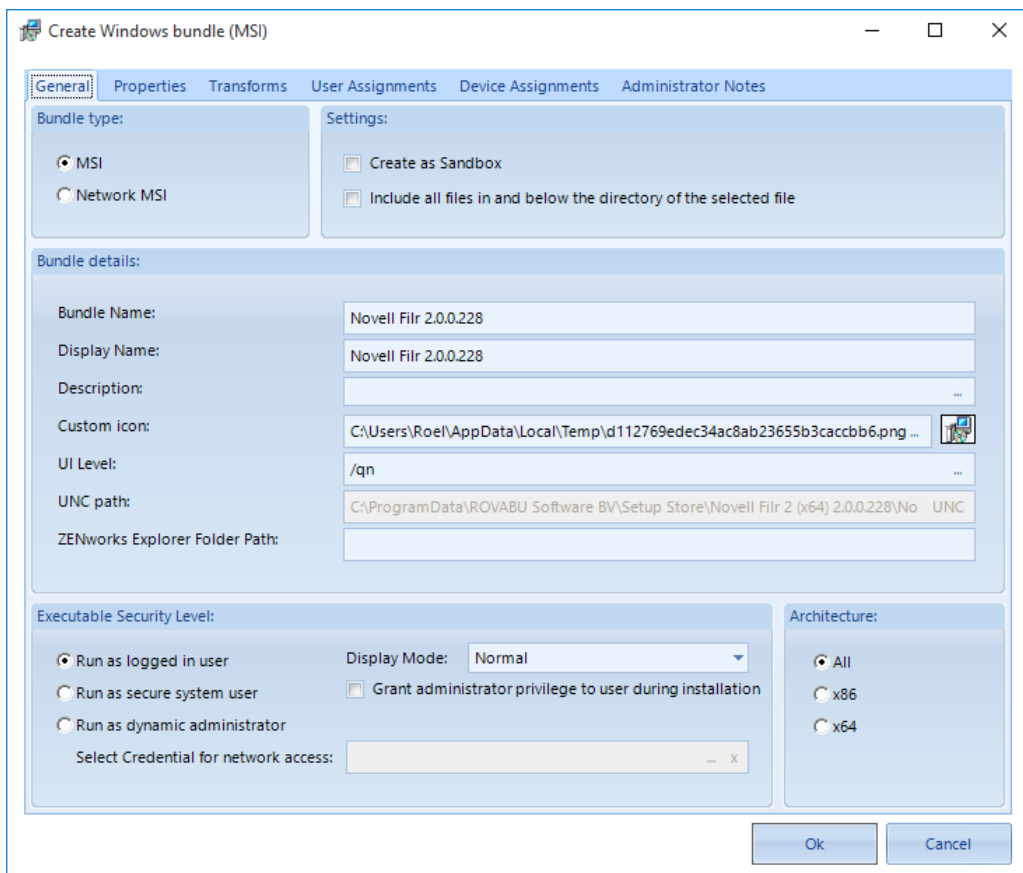
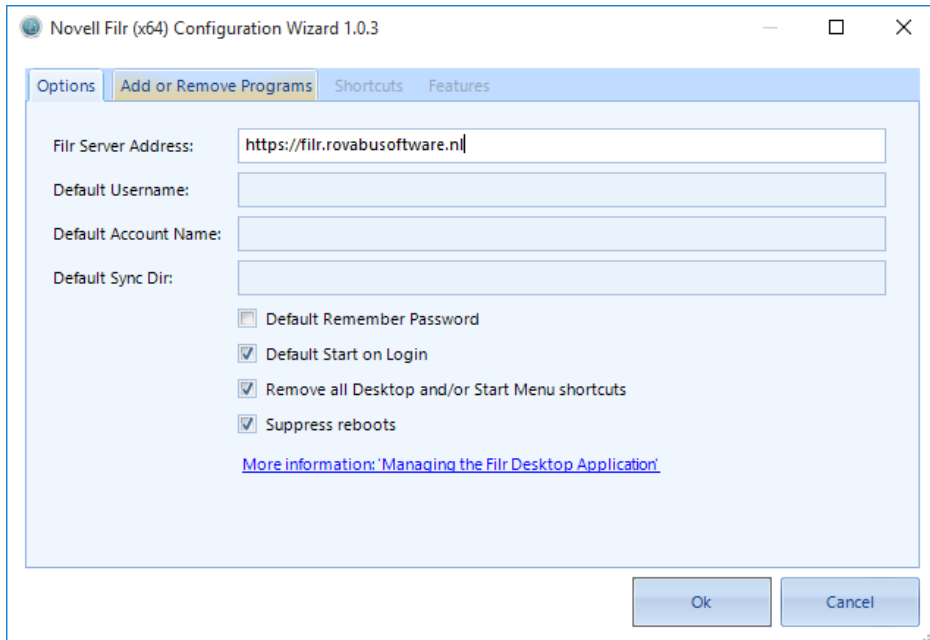
## Novell Vibe Desktop

Select one of the Novell Vibe MSIs, then use the Novell Vibe Desktop Configuration Wizard to configure the Vibe Server URL, which is saved in a MSI transform file and added to the Windows bundle.



## Novell Filr

Select one of the Novell Filr MSIs, then use the Novell Filr Configuration Wizard to configure the Filr Appliance address and port number. These values are saved in an MSI transform file and added to the Windows bundle.



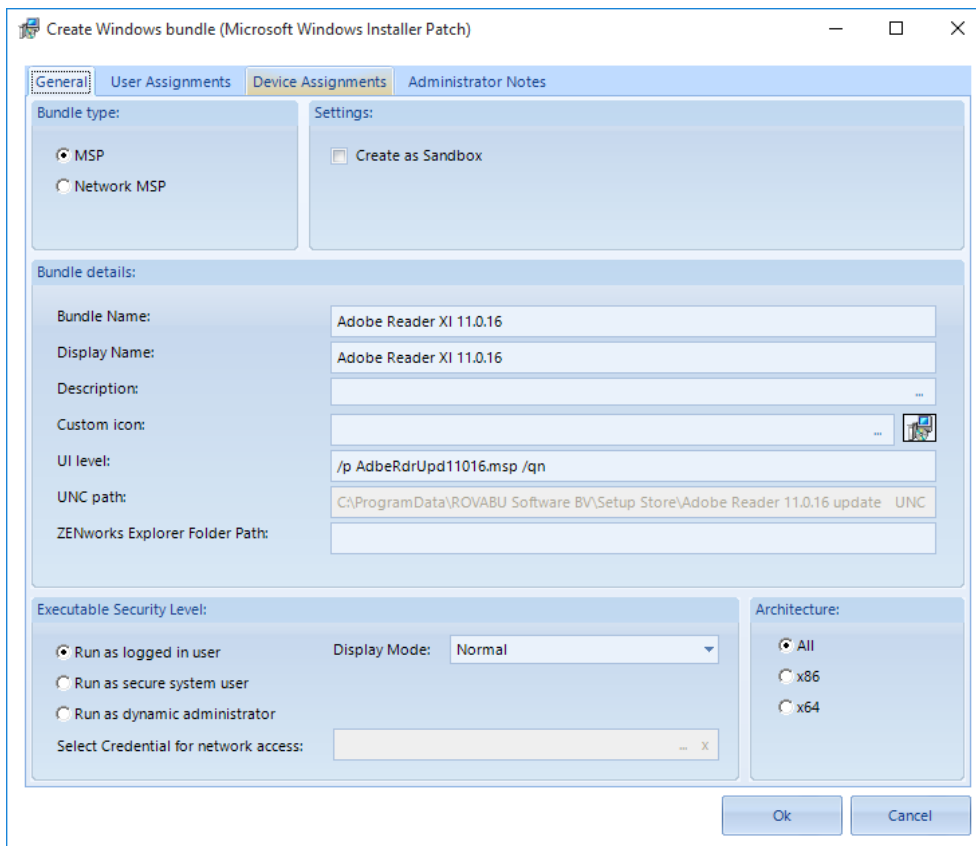
## Creating Windows Bundles (MSP)

### General

You can use Setup Commander for ZENworks Standard Edition to quickly and intuitively create a Windows Bundle from a selected MSP file, which is a Windows Installer patch file.

### Adobe Reader 11.0.16

Select the `AdbeRdrUpd11016.msp` MSP package and click the **Create Bundle(s)** button on the ribbon bar, or right-click the package and select **Create Bundle(s)** from the context menu.



The Create Windows Bundle (Microsoft Windows Installer Patch) screen has different tabs.

### General

#### Bundle Type

For Bundle Type, select either MSP or Network MSP.

Selecting MSP adds one Install MSP action to the Windows bundle to install the selected MSP from the ZENworks Content Repository.

Selecting Network MSP adds one Install MSP action to install the MSP using the network path of the selected MSP.

### *Settings*

Create as a Sandbox creates the Windows bundle in a sandbox first.

### *Bundle Details*

Bundle Name shows a suggested bundle name, which can be edited if needed.

Display Name shows a suggested bundle display name, which can be edited if needed.

UNC path only appears when you set the Bundle Type to Network MSP. You can convert a drive mapping to UNC notation by using the UNC button.

### *Executable Security Level*

Use this option to set the executable security level for the Install MSI action that is added to the Windows bundle.

### *Architecture*

Adds an ARCHITECTURE=x86 requirement to the Windows bundle when the value is set to X86.

Adds an ARCHITECTURE=x64 requirement to the Windows bundle when the value is set to X64.

Adds no ARCHITECTURE requirement when the value is set to All.

### *User Assignments*

Right-click User Assignments to assign the Windows bundle to one or more users. You can also set the Shortcut location accordingly.

### *Device Assignments*

Right-click Device Assignments to assign the Windows bundle to one or more devices and device groups. You can also set the Shortcut location accordingly.

## Creating Windows Bundles (EXE) – Install Bundle Type

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### General

With Setup Commander for ZENworks Standard Edition, you can quickly and intuitively create a Windows bundle from a selected legacy setup (non-MSI setup) or an application's executable.

When you are dealing with a software setup, an Install Windows bundle is created. This Windows bundle covers only the installation of the application by using one or more Install actions.

When you are dealing with one or more application executables, a Launch Windows bundle is created. This Windows bundle covers only the start of the application by using a Launch action. You can add an Install Bundle action to a Launch Windows bundles to configure their dependencies.

When you have selected an application setup, Setup Commander for ZENworks Professional Edition advises you with the correct unattended/installation parameters. With Setup Commander for ZENworks Standard Edition you must manually add the parameters. A good resource to find these parameters is <http://www.itninja.com> or <http://www.appdetails.com>.

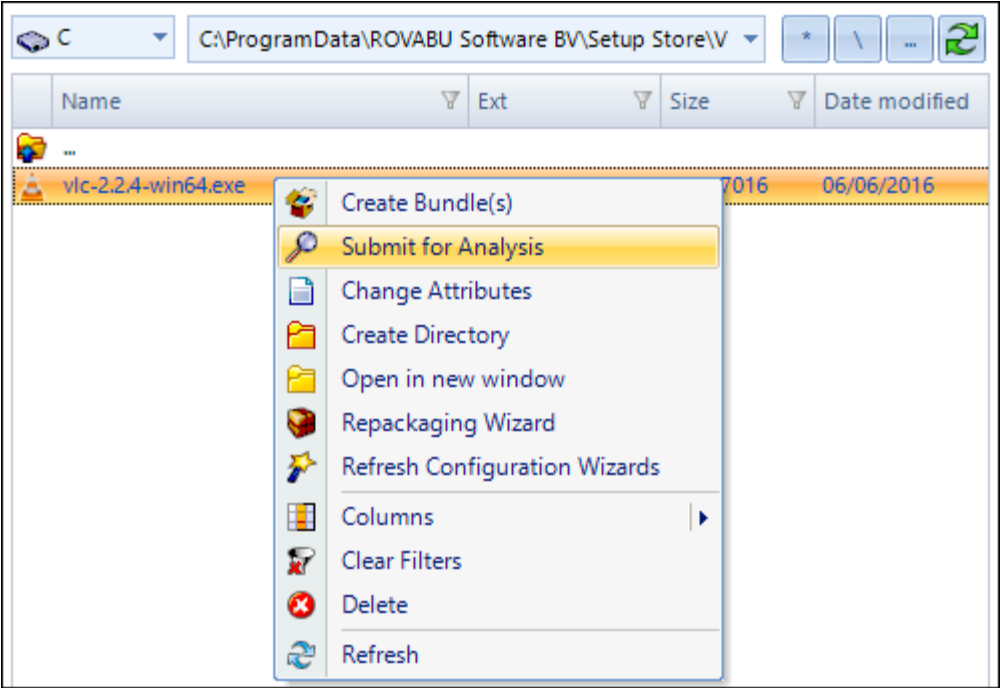
Legacy setups from Novell and Micro Focus, like Novell iFolder and the Novell Client for Windows, are fully supported in Setup Commander for ZENworks Standard Edition.

Setup Commander for ZENworks Professional Edition has extensive support for vendor legacy setups (non-MSI setups). It provides consistent unattended/silent switches for legacy setups made with common setup software like NSIS, InnoSetup, Wise, InstallShield, Ethalone Ghost Installer, and InstallAware.

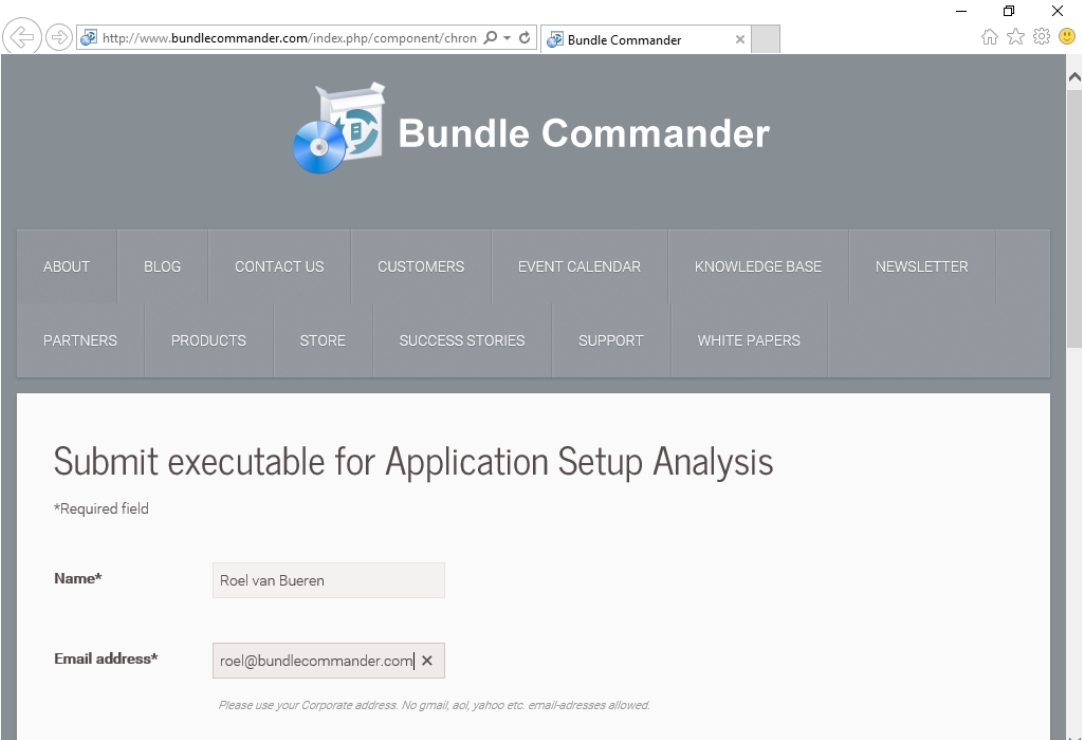
The Professional Edition also provides consistent naming (bundle name and bundle display name) for your Windows bundles when software setups do not provide a usable Productname and Productversion natively. Either the default name is extracted from the installer itself or it is read from our own internal database of legacy setups.

In the Professional Edition, most legacy setups are covered by these features. Our Web site has a list of setups for which support was explicitly added, either because a specific setup system was being used and our generic scanner could not determine the correct unattended/silent switches, or we needed more consistent naming.

If you are using Setup Commander for ZENworks Professional Edition and want to request support for a specific legacy setup that we are not supporting yet, please send us the details by selecting the setup in Setup Commander for ZENworks and selecting 'Submit for Analysis'.



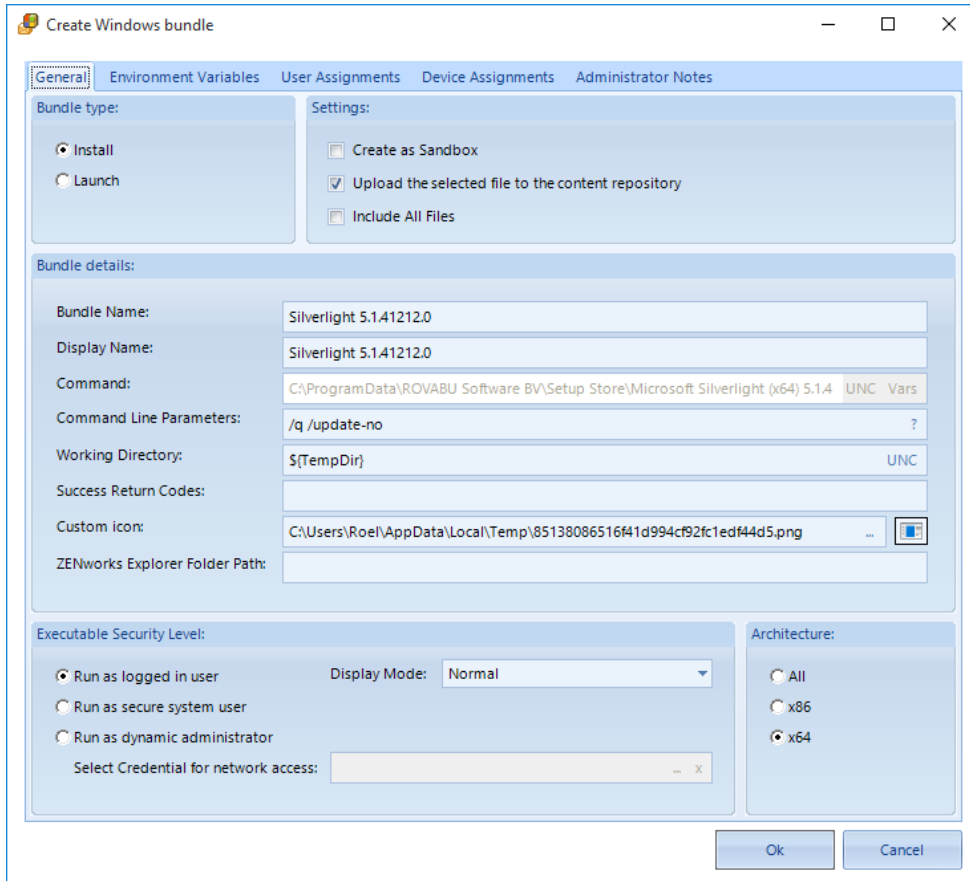
A support ticket will be generated then on our website:



## Microsoft Silverlight

Microsoft Silverlight 5.1 is a legacy setup that installs Microsoft Silverlight components.

Select the `Silverlight_x64.exe` setup file and click the Create Bundle(s) button on the ribbon bar, or right-click the setup file and select Create Bundle(s) from the context menu.





The Create Windows Bundle screen has different tabs.

## **General**

### *Bundle Type*

For Bundle Type, select either Install or Launch. Because the Silverlight executable is a software setup, the Install bundle type has been selected by default.

### *Settings*

Create as a Sandbox creates the Windows bundle in a sandbox first.

You can also select to upload the selected setup into the content repository.

An option to include all files is enabled after you select the Upload check box.. All files in the same directory as the selected file are uploaded to the content repository.

### *Bundle Details*

Bundle Name shows a suggested bundle name, which can be edited if needed.

Display Name shows a suggested bundle display name, which can be edited if needed.

Command shows the path of the selected executable. You can convert a drive mapping to UNC notation by using the UNC button.

Command Line Parameters are the command line parameters that need to be set for the selected executable. When you are working with a software setup, Setup Commander for ZENworks Professional Edition provides the correct unattended/silent switches here.

Success Return Codes lets you configure success return codes when an application or application setup returns something other than 0 as the success return code after its launch.

Custom Icon allows you to configure a custom icon for the Windows bundle.

### *Executable Security Level*

Use this option to set the executable security level for the Install MSI action that is added to the Windows bundle.

### *Architecture*

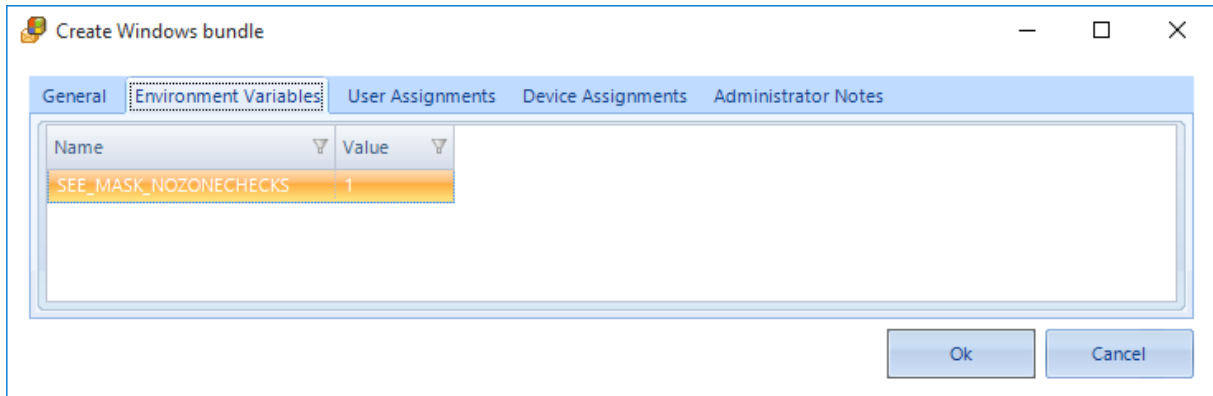
Adds an ARCHITECTURE=x86 requirement to the Windows bundle when the value is set to X86.

Adds an ARCHITECTURE=x64 requirement to the Windows bundle when the value is set to X64.

Adds no ARCHITECTURE requirement when the value is set to All. The selected setup in this case is for a 64-bit architecture only, therefore you have to set the architecture to x64.

### *Environment Variables*

Right-click Environment Variables to add, edit, or remove environment variables.



### *User Assignments*

Right-click User Assignments to assign the Windows bundle to one or more users. You can also set the Shortcut location accordingly.

### *Device Assignments*

Right-click Device Assignments to assign the Windows bundle to one or more devices or device groups. You can also set the Shortcut location accordingly.

### *Administrator Notes*

Use Administrator Notes to specify notes for the Windows bundle.

## *Creating Windows Bundles (EXE) – Launch Bundle Type*

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### **General**

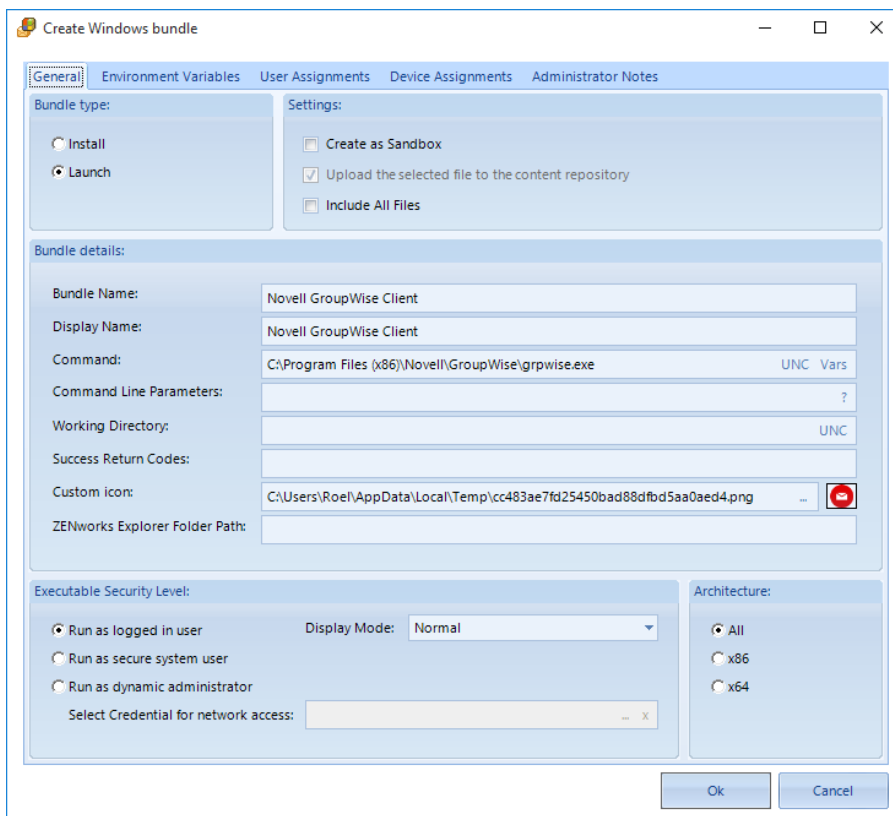
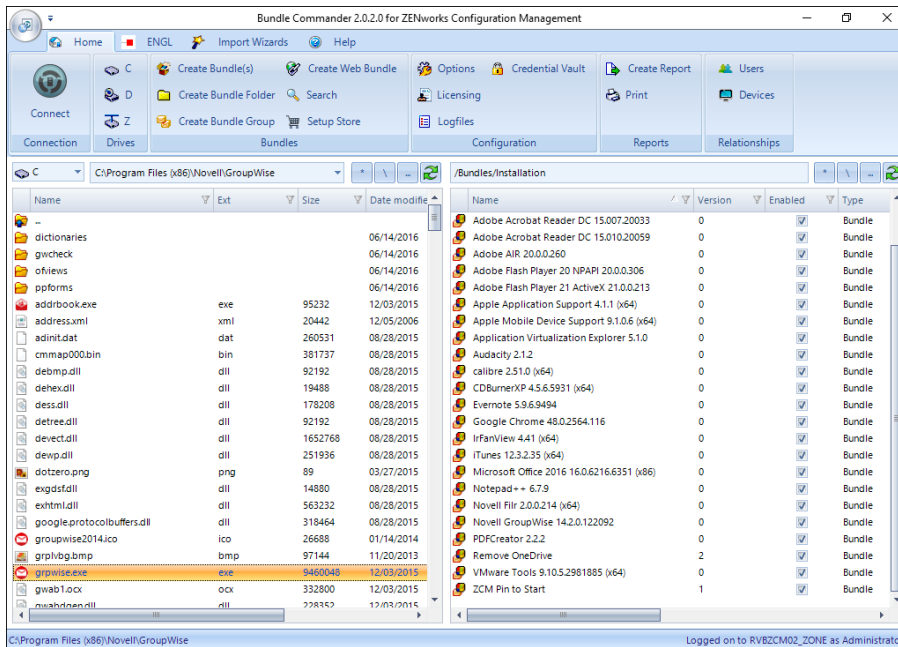
With Setup Commander for ZENworks Standard Edition, you can quickly and intuitively create a Windows bundle from a selected legacy setup (non-MSI setup) or an application's executable.

When you are dealing with a software setup, an Install Windows bundle is created. This Windows bundle covers only the installation of the application by using one or more Install actions.

When you are dealing with one or more application executables, a Launch Windows bundle is created. This Windows bundle covers only the start of the application using a Launch action. You can add an Install Bundle action to the Launch Windows bundle to configure their dependencies.

## GroupWise 2014

In order to create Launch bundles with Setup Commander for ZENworks, you must first install the application for which you want to create Launch Bundles on the device where Setup Commander for ZENworks is running. Select the application executables that you want to create Launch bundles for and click Create Bundles:



The Create Windows Bundle screen has different tabs.

## **General**

### **Bundle Type**

The bundle type has been set to Launch.

### **Settings**

Create as a Sandbox creates the Windows bundle in a sandbox first.

The option to upload the selected file to the content repository is not applicable for a Launch bundle.

The option to include all files is not applicable for a Launch bundle.

### **Bundle Details**

Bundle Name shows a suggested bundle name, which can be edited if needed.

Display Name shows a suggested bundle display name, which can be edited if needed.

Command shows the path of the selected executable. You can convert a drive mapping to UNC notation by using the UNC button.

Command Line Parameters are the parameters that need to be set for the selected executable. When you are working with a software setup, Setup Commander for ZENworks Professional Edition provides the correct unattended/silent switches here.

Success Return Codes lets you configure success return codes when an application or application setup returns something other than 0 as a success return code after its launch.

Custom Icon allows you to configure a custom icon for the Windows bundle.

### **Executable Security Level**

Use this option to set the executable security level for the Launch Executable action that is added to the Windows bundle.

### **Architecture**

Adds an ARCHITECTURE=x86 requirement to the Windows bundle when the value is set to X86.

Adds an ARCHITECTURE=x64 requirement to the Windows bundle when the value is set to X64.

Adds no ARCHITECTURE requirement when the value is set to All.

In this example, a 64-bit executable has been selected and therefore the architecture is set to x64.

### **Environment Variables**

Right-click Environment Variables to add, edit, or remove environment variables.

### **User Assignments**

Right-click User Assignments to assign the Windows bundle to one or more users. You can also set the Shortcut location accordingly.

### **Device Assignments**

Right-click Device Assignments to assign the Windows bundle to one or more devices or device groups. You can also set the Shortcut location accordingly.

### **Administrator Notes**

Use Administrator Notes to specify notes for the Windows bundle.

# Setup Store

## General

The 'Setup Store' is a kind of 'Application Store' of setups for Windows applications. Instead of spending time on finding the correct download links for the latest versions of setups of most common Windows applications, you can now easily download their setups from the 'Setup Store' and build or extend your own software setup catalog. You can sort, search and filter the complete 'Setup Store' based on Manufacturer Name, Product Name, Version Number, Setup Type, Category, Platform, Filename, Language or Date on which the setup has been added to the Setup Store.

[This white paper](#) has all the details.

The screenshot shows the 'Setup Store' application window. The interface includes a 'Main' menu, a 'Manufacturer' section with logos for Adobe, Autodesk, Google, Novell, VMware, Apple, Citrix, Microsoft, Oracle, and Other, and a 'Search Options' section with filters for Last Week, This Week, Today, Yesterday, Last Month, This Month, This Quarter, and Last Quarter. There are also buttons for 'Create Bundle', 'Download', 'Refresh', 'Request Setup', and 'Download Bundles'.

Downloaded	Productname	Version	Type	Language	Release Date
	Manufacturer		Filename	Platform	Category
<input type="checkbox"/>	<b>5KPlayer</b> DearMob Inc.	4.0.0	Legacy 5kplayer.exe	English Neutral	2016-06-13 Productivity
<input type="checkbox"/>	<b>Acrobat DC Pro and Standard update - All languages</b> Adobe	15.016.20045	MSP AcrobatDCUpd1501620045.msp	English Neutral	2016-06-03 Productivity
<input type="checkbox"/>	<b>Anti-Malware</b> Emsisoft	11.8.0.6465	Legacy EmsisoftAntiMalwareSetup.exe	English Neutral	2016-06-02 Security
<input type="checkbox"/>	<b>AWS Command Line Interface (x64)</b> Amazon Web Services Developer Relati	1.10.36	MSI AWSCLI64.msi	English x64	2016-06-08 Productivity
<input type="checkbox"/>	<b>AWS Command Line Interface (x86)</b> Amazon Web Services Developer Relati	1.10.36	MSI AWSCLI32.msi	English x86	2016-06-08 Productivity
<input type="checkbox"/>	<b>Calibre (x64)</b> Kovid Goyal	2.58.0	MSI calibre-64bit-2.58.0.msi	English x64	2016-06-03 Productivity
<input type="checkbox"/>	<b>Calibre (x86)</b> Kovid Goyal	2.58.0	MSI calibre-2.58.0.msi	English x86	2016-06-03 Productivity
<input type="checkbox"/>	<b>Camtasia Studio 8</b> TechSmith Corporation	8.6.0.2079	MSI camtasia.msi	English Neutral	2016-06-07 Productivity
<input type="checkbox"/>	<b>CaseTalk Educational Edition</b> BCP Software	8.9.1	Legacy casetalk.educ.8.9.1.exe	English Neutral	2016-06-02 Productivity
<input type="checkbox"/>	<b>Check Point VPN</b> Check Point Software Technologies	98.60.276	MSI CP_EPS_E80.60_RAC_Windows.msi	English Neutral	2016-06-02 Security
<input checked="" type="checkbox"/>	<b>Chrome for Business 32-bit</b> Google	51.0.2704.84	MSI GoogleChromeStandaloneEnterprise...	English x86	2016-06-06 Internet
<input checked="" type="checkbox"/>	<b>Chrome for Business 64-bit</b> Google	51.0.2704.84	MSI googlechromestandaloneenterprise6...	English x64	2016-06-06 Internet

1/1876 Selected Bundle folder: /Bundles/Applications