

AdminStudio 2022

Evaluation Guide

Legal Information

May 2022

Book Name: AdminStudio 2022 Evaluation Guide Part Number: ADM-2022-RN00

Product Release Date:

Copyright Notice

Copyright © 2022 Flexera

This publication contains proprietary and confidential information and creative works owned by Flexera and its licensors, if any. Any use, copying, publication, distribution, display, modification, or transmission of such publication in whole or in part in any form or by any means without the prior express written permission of Flexera is strictly prohibited. Except where expressly provided by Flexera in writing, possession of this publication shall not be construed to confer any license or rights under any Flexera intellectual property rights, whether by estoppel, implication, or otherwise.

All copies of the technology and related information, if allowed by Flexera, must display this notice of copyright and ownership in full.

Intellectual Property

For a list of trademarks and patents that are owned by Flexera, see https://www.flexera.com/producer/company/about/intellectual-property/. All other brand and product names mentioned in Flexera products, product documentation, and marketing materials are the trademarks and registered trademarks of their respective owners.

Restricted Rights Legend

The Software is commercial computer software. If the user or licensee of the Software is an agency, department, or other entity of the United States Government, the use, duplication, reproduction, release, modification, disclosure, or transfer of the Software, or any related documentation of any kind, including technical data and manuals, is restricted by a license agreement or by the terms of this Agreement in accordance with Federal Acquisition Regulation 12.212 for civilian purposes and Defense Federal Acquisition Regulation Supplement 227.7202 for military purposes. The Software was developed fully at private expense. All other use is prohibited.

Contents

AdminStudio 2022 Evaluation Guide	5
Getting Started	. 6
About Evaluating AdminStudio	. 6
Purpose of Evaluation Guide	. 7
Organization of Evaluation Guide	. 9
Evaluation Guide Data Files	11
New Features	12
MSIX Editor Enhancements	12
Apply File Redirection and PowerShell Script Fixups	12
Add / Edit / Delete Applications in an MSIX Package	12
Digital Signing Improvements	12
VMware Workspace ONE Integration Enhancements	13
Package Automation Enhancements	14
Setting Up AdminStudio Infrastructure	15
Creating an Application Catalog	15
Configuring a Virtual Machine	16
Setting E-Mail Notification Settings	19
Entering Server/Database Connection Settings	20
Migrating to Windows Installer	21
Repackaging a Sample Package	22
Importing Packages into the Application Catalog	24
Testing a Repackaged Application and Resolving Issues	26
Distributing a Repackaged Application	29
Migrating to Application Virtualization	30
Identifying Packages to Virtualize	31
Converting to Virtual Formats	33
Testing and Distributing Converted Packages	35
Testing for Application Compatibility	36
Importing Packages, Web Applications, and Mobile Apps	37

Selecting Tests to Run and Setting Default Fix Option	
Performing Testing and Viewing Results	
In this procedure, you will test packages and web applications for operating system and browser compatibility, view test results and automatically fix issues	

AdminStudio 2022 Evaluation Guide

AdminStudio makes short work of application deployment chores such as updates, new releases, new applications, and Windows 10 migrations. More than a packaging tool, AdminStudio arms your IT team with a complete application readiness solution, enabling you to identify and mitigate issues before pulling the deployment trigger. No more surprises.

With AdminStudio, you can:

- Improve service quality and streamline service delivery
- Decrease risk and embrace new technologies faster
- Eliminate mobile application security and compatibility concerns
- Reliably prepare and deploy application virtualization formats
- Integrate seamlessly with leading software deployment systems
- Simplify and unify application management with standardized processes
- Boost efficiency with a central application repository
- Identify application packaging issues in minutes instead of days

You can use this Evaluation Guide to quickly learn how to use AdminStudio to prepare Windows Installer, virtual applications, web applications, macOS desktop applications, and mobile applications for deployment. This Evaluation Guide is organized into the following sections:

Table 1 • AdminStudio 2022 Evaluation Guide

Section Description	
Getting Started	Explains what is included in this Evaluation Guide and how to get started.
New Features	Provides an overview of the new features in AdminStudio 2022.

Table 1 • AdminStudio 2022 Evaluation Guide

Section	Description
Setting Up AdminStudio Infrastructure	Explains how to perform the one-time set-up tasks that you need to complete prior to using AdminStudio including creating an Application Catalog, configuring a virtual machine, configuring e-mail settings, and specifying server connection settings.
Migrating to Windows Installer	Explains how to convert a sample setup to a Windows Installer package, import it into the Application Catalog, test it for operating system compatibility, best practices, and conflicts, and then prepare it for distribution.
Migrating to Application Virtualization	Explains how to use the Automated Application Converter to convert Windows Installer packages to virtual packages, and then test and distribute the virtual packages.
Testing for Application Compatibility	Explains how to use Application Manager to test packages for compatibility with the latest versions of Microsoft Windows, Windows Server, macOS, Apple iOS, Google Android, and Windows Phone operating systems, as well as to test web applications for compatibility with Internet Explorer 11 and Microsoft Edge.

Getting Started

This section explains what is included in this Evaluation Guide and how to get started:

- About Evaluating AdminStudio
- Purpose of Evaluation Guide
- Organization of Evaluation Guide
- Evaluation Guide Data Files

About Evaluating AdminStudio

You can choose to evaluate AdminStudio for 21 days. By clicking **Continue to Evaluate AdminStudio** dialog box that opens when you launch AdminStudio, you can begin evaluating the AdminStudio Enterprise Edition client tools.

Information about evaluating the AdminStudio client tools includes the following topics:

- AdminStudio Client Tools Evaluation Restrictions
- Evaluating AdminStudio's Microsoft App-V Support
- Evaluating the Automated Application Converter "Multiple Application" Option

AdminStudio Client Tools Evaluation Restrictions

When you run AdminStudio in trial/evaluation mode, all of its features are fully available, with the following restrictions:

- **Can create only one Application Catalog**—You are permitted to create only one Application Catalog, and it must be named AdminStudio Evaluation Catalog.
- **Ten package import limit**—Only 10 total packages (of one or more deployment types) can be imported into the Application Catalog.
- Package deletion not permitted—After you import a package into the Application Catalog, you are not permitted to delete it.
- AdminStudio Platform API support is disabled—All platform support is disabled.

Evaluating AdminStudio's Microsoft App-V Support

While evaluating the AdminStudio Enterprise Edition client tools, you will be able to convert a Windows Installer package to an App-V application using the Automated Application Converter, Conversion Wizard, Repackager, and the InstallShield App-V Assistant. However, an App-V application built using an evaluation version of AdminStudio will display the following message every time it is launched:

ع

This package was created with an evaluation version of InstallShield.

Figure 1: Evaluation Version Message

After activating AdminStudio, you will be able to remove this message by rebuilding the App-V application.

Evaluating the Automated Application Converter "Multiple Application" Option

The Multiple Application option of Automated Application Converter is only available when you purchase AdminStudio Enterprise Edition.



Note • With AdminStudio Standard or Professional Editions, you will only be able to convert one package at a time, using one virtual machine.

When using an evaluation version of AdminStudio, you will be able to use Automated Application Converter to convert a directory full of Windows Installer packages into individual virtual packages, but the conversion will be limited to three packages per run, using only one virtual machine. Therefore, only the first three packages that Automated Application Converter encounters will be converted to virtual applications.

Purpose of Evaluation Guide

The purpose of this Evaluation Guide is to help system administrators and other reviewers learn how to quickly get started using AdminStudio to prepare Windows Installer and virtual applications for deployment. By performing the exercises in this Evaluation Guide using the provided data files, you will learn how to:

- Create an Application Catalog
- Repackage a sample package

- Import packages into the Application Catalog
- Test Windows Installer packages, App-V packages, and web applications
- Configure a virtual machine for use in automated repackaging
- Convert Windows Installer packages to virtual applications
- Distribute Windows Installer and App-V packages
- Perform operating system compatibility and browser compatibility testing

Organization of Evaluation Guide

This Evaluation Guide provides exercises that guide you through performing the following key procedures:

Table 2 • Evaluation Exercises

Procedu	ire	Procedure
Setting Up AdminStudio		In these set of exercises, you will perform the one-time setup tasks that are necessary to get started using AdminStudio:
		Creating an Application Catalog
		Configuring a Virtual Machine
		Setting E-Mail Notification Settings
		Entering Server/Database Connection Settings
	Migrating to Windows Installer	In this set of exercises, you will migrate a sample setup (such as an .exe file) to a deployable Windows Installer package (.msi):
		Repackaging a Sample Package
		Importing Packages into the Application Catalog
		Testing a Repackaged Application and Resolving Issues
		Distributing a Repackaged Application
١	Migrating to Application Virtualization	In this set of exercises, you will migrate a set of applications into virtual applications that are ready for deployment:
Ŧ		Identifying Packages to Virtualize
		Converting to Virtual Formats
		• Testing and Distributing Converted Packages
	Testing for Application Compatibility	In this set of exercises, you will test Windows Installer packages for application readiness on the latest versions of Microsoft Windows and Windows Server. You will also test web applications for compatibility with Internet Explorer 11 and Microsoft Edge.
		 Importing Packages, Web Applications, and Mobile Apps
		Selecting Tests to Run and Setting Default Fix Option
		Performing Testing and Viewing Results

These four main procedures are also featured on AdminStudio's Start Page.



Figure 2: AdminStudio Start Page

Each subtab of the Start Page includes a flowchart that lists the steps in each procedure. For example, the following flowchart is displayed on the **Migrate to Windows Installer** tab:

Repackage Legacy Package	Import Into Application Catalog	Test Repackaged Applications and Resolve Issues	Distribute Repackaged Applications
 Select legacy packages (.exe). Repackage to Windows Installer package (.msi). Edit packages in Repackager. 	Import Windows Installer package into Application Catalog.	 Perform Windows Installer best practices and operating system compatibility testing. Perform application conflict testing. Review test results in Test Center. Perform automatic issue resolution. 	Distribute repackaged application via System Center Configuration Manager or using another distribution method.

Figure 3: Migrate to Windows Installer Tab of AdminStudio Start Page

Evaluation Guide Data Files

To perform the exercises in the AdminStudio Evaluation Guide, you will be using the sample data that is provided in the ASEvalGuideDataFiles.zip file. These data files are organized into the following directories:

```
    SampleApplicationSetup
    SampleApplicationSource
    SampleApplicationTarget
    SampleKit
```

Figure 4: Directory Structure of AdminStudio Evaluation Guide Data Files

These data files demonstrate the recommended organizational structure that you should use when you want to import a directory of packages into the Application Catalog:

- **One root directory**—Organize the packages you want to import in one root directory (ASEvalGuideDataFiles in this example).
- Each application in a subdirectory—Each application should be stored in its own first level subdirectory (such as SampleKit or SampleApplicationTarget).
- Each deployment type in a sub-subdirectory—Each deployment type should be stored in its own sub-subdirectory (AppV, MSI, etc.) of the application directory.

Unzip this data file and place its contents in a location accessible to your installation of AdminStudio, such as:

C:\ASEvalGuideDataFiles

New Features

This section lists the new features that are included in AdminStudio 2022:

- MSIX Editor Enhancements
- Setting Up AdminStudio Infrastructure
- Package Automation Enhancements

MSIX Editor Enhancements

The following improvements have been added to the MSIX Editor.

- Apply File Redirection and PowerShell Script Fixups
- Add / Edit / Delete Applications in an MSIX Package
- Digital Signing Improvements

Apply File Redirection and PowerShell Script Fixups

In AdminStudion 2022, you can now apply File Redirection Fixup and the PowerShell Fixup to the application (s) in an MSIX package to resolve the runtime errors using the MSIX Editor.

Fixups			
✓	ns		
🗉 Skyr^	Apply File Redirection Fixup	Package Relative	
	Apply PowerShell Script Fixup	Package Drive Relative	plication inside an MSIX container may lead to some runtime failures. Remediation action will be required to fix these runtime
	referred The Fixu	to as fixups, to overcome some	oply the runtime fixups, available in PSF, or your custom fixup to the applications in an MSIX package.

For more information, see Apply Fixups.

Add / Edit / Delete Applications in an MSIX Package

In AdminStudion 2022, you can now add, edit, and delete the applications for the selected MSIX package in the MSIX Editor.

- Add Application—You can add application into the selected MSIX package
- Edit Application—You can modify the existing application
- Delete Application—You can delete application in the selected MSIX package

For more information, see Editing Applicationss.

Digital Signing Improvements

In AdminStudion 2022, the following improvements have been added to the Digital Signing:

- Time Stamp Server URL
- Override Publisher with the Certificate Subject Name

Time Stamp Server URL

In AdminStudion 2022, you can now specify the Time Stamp Server URL while signing the MSIX packages using a certificate file (.pfx) in the MSIX Editor. The Time Stamp Server URL property is also introduced in the Application Manager, Repackager, and Automated Application Converter tools.

Override Publisher with the Certificate Subject Name

The Publisher Name of an MSIX package must match with the Subject Name of Digital Certificate for successful signing of the MSIX package. In AdminStudio 2022, you can now override the Publisher Name of an MSIX package by the Subject Name of the Digital Certificate while signing an MSIX package by checking this newly introduced check box so the MSIX package will be signed successfully.

Preferences		\times
Locations Signing		
Select Certificate for Signing:	Certificate File (.pfx) *	
PFX File Location:	D:\PSF\Certificate\Single Certificate\Flexera.pfx	
Password:	•••	
Certificate Subject Name:	CN=Flexera	
Time Stamp Server URL:		
	✓ Override Publisher with the Certificate Subject Name	

For more information, see Preferences.

VMware Workspace ONE Integration Enhancements

In AdminStudio 2022, you will be able to set various deployment properties under the Details, Files, and Deployment Options tab for an MSI or EXE package and publish to VMware Workspace ONE.

Products	Chrome for Business 64-bit					
 Applications Chrome for Business 64-bit 	_	Home Deployment Type View				
 Chrome for Business 64-bit (v101.0.49 UltraEdit (x64) (English) 	Package Information Deployment Data Software Identification Tag Workspace ONE Deployment Data					
Groadart (XO4) (English)	Nam	14	Type			
			MSI			
		Details Files Deployment Options				
		Property	Value			
		 Application ID* 	{C1DFDF69-5945-32F2-A35E-EE94C99C7CF4}			
		App version*	101.0.4951.54			
		Supported processor architecture	64-bit			
		Supported models*	Desktop			
		Description				
		Push Mode	On Demand			
		Auto Update Version	True			
	Support Email Support Phone Developer	Support Email				
		Support Phone				
		Developer				
		Developer Email				
		Developer Phone				

Package Automation Enhancements

Introduced Monitored Directory under Package Automation Options. With this new Monitored Directory feature, AdminStudio can monitor a specified directory to automatically process the new installers, when dropped in the monitored directory, by executing the pre-configured automation actions (Import, Test, Wrap, Convert, and Publish). The new installers can be processed either on-demand or through scheduled automation.

Options		
General options General Import Options	Monitored Directory	
Test Center Windows Installer Validation ACE Tests	Shared Directory:	
Mobile Tests Plugin Options Wrap Options	Destination Group:	Applications
Package Feed Options Server Options	Authentication Type:	Server Authentication *
Distribution System Microsoft ACT Package Automation Options	Username:	Administrator
Monitored Directory Configure Actions Schedule Automation Notifications ☐ Flexera Integration ☐ Flexera Service Gateway (FSG) AdminStudio services via FSG	Paseword: Note: Click on Automation execution.	Execute Test Connection
	Connection Successful.	۸ ۷
	1	OK Cancel Help

For more information, see Monitored Directory for Package Automation.

Setting Up AdminStudio Infrastructure

The flowchart on the **Set Up Infrastructure** tab of the AdminStudio Start page lists the steps you need to perform before you can get started using AdminStudio.

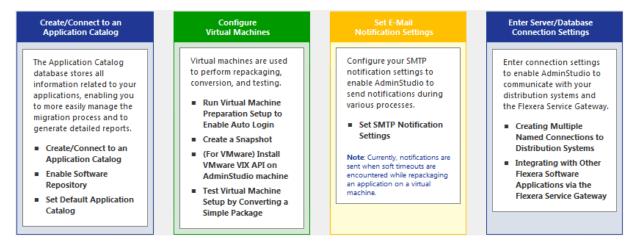


Figure 5: Set Up Infrastructure Tab of AdminStudio Start Page

These are specific one-time set-up tasks that you need to perform prior to using AdminStudio. To set up AdminStudio infrastructure, perform the following exercises:

- Creating an Application Catalog
- Configuring a Virtual Machine
- Setting E-Mail Notification Settings
- Entering Server/Database Connection Settings

Creating an Application Catalog

With AdminStudio, you manage your applications and their deployment types in an Application Catalog database, which stores all package information, including test results. This enables you to perform enterprise level data checking. You can share your Application Catalog between multiple AdminStudio users.

AdminStudio and many of its tools (such as Application Manager) require you to be connected to an Application Catalog, while others give you the option of working with packages on a local or network directory or from Microsoft System Center Configuration Manager Server.

In this exercise, you will create a new AdminStudio Application Catalog and set it as the default.

Table 3 • Create/Connect to an Application Catalog

#	Step	Instructions	Result
1.	Create an Application Catalog	Open AdminStudio and create a new SQL Server Application Catalog database named AdminStudio Evaluation Catalog, as described in Creating New Application Catalogs Using the AdminStudio Interface. Note • On the Select Software Repository Location panel of the Application Catalog Wizard, do NOT select the Enable Software Repository option.	AdminStudio is open and connected to a new Application Catalog named AdminStudio Evaluation Catalog.

Configuring a Virtual Machine

Virtual machines are used by Automated Application Converter during automated repackaging (performed during conversion to virtual applications) and when testing applications.

You need to prepare each virtual machine that you are going to use with the Automated Application Converter to perform automated repackaging or testing by doing the following:

- **Run Virtual Machine Preparation setup**—On each virtual machine you are going to use with the Automated Application Converter, run the Virtual Machine Preparation setup, an application that will enable automatic login. You need to run this application one time on all of the virtual machines that you are going to use with the Automated Application Converter.
- **Create a snapshot**—After you have run the Virtual Machine Preparation setup on a virtual machine, you need to shut it down and create a snapshot named AutoRepack_Base. This enables the Automated Application Converter to revert the virtual image to a clean state after each repackaging run.
- Install VMware VIX API (VMware only)—In order for the Automated Application Converter to perform automated repackaging, it needs to communicate with the virtualization technology that you are using. If you are using VMware virtualization technology (VMware ESX or ESX is Server or a local VMware Workstation 6.5 or later), you need to have the VMware VIX API installed on the same machine as the Automated Application Converter.

In this exercise, you will configure a virtual machine for use with Automated Application Converter.

Table 4 • Configure Virtual Machines

#	Step	Instructions	Result
1.	Run Virtual Machine Preparation setup to enable auto login	On a Microsoft Hyper-V Server image, VMware ESX/ ESXi Server image, or VMware Workstation (6.5+) image, run the virtual machine preparation setup.	When you restart the virtual machine image, you are automatically logged in and GuestAgent.exe is launched.
		Auto Repackager Configuration - InstallShield Wizard Image: Configuration - InstallShield Wizard for Auto Repackager Configuration This setup will configure the following items on this machine: • Optime guest agent • Set the guest agent to run at logon • Disable UAC • Disable Wardow Friewall • Configure auto logon with an administrator account provided • Allow remote desktop connections • Reboot the machine • Back Next> Cancel	Image: Automated Application Converter - Guest Agent Image: Automated Application Converter - Guest Agent
2.	Create a snapshot for repackaging	Converter. On the prepared virtual image, create a clean snapshot named AutoRepack_Base. Note • For instructions, see Taking a Snapshot in Preparing Your Virtual Machines for Use With the Automated Application Converter.	A clean snapshot named AutoRepack_Base exists on the virtual machine.

Table 4 • Configure Virtual Machines

	Step	Instructions	Result
	Install VMware VIX	If you are using a VMware ESX/ESX VMware Workstation image, you ne VMware VIX API on the AdminStudi	ed to install the
		Welcome to the installe The installer will install Where V Continue, dick Next. WARNING: This program is protein international treates.	(on your computer. To
		To install the VMware VIX API on th machine, do one of the following:	ext> Cancel
		 Install VMware Workstation or AdminStudio machine. 	the
		 Download and install the VMw the AdminStudio machine. Yo the VMware VIX API from the f location: 	ı can download
		http://www.vmware.com/sup developer/vix-api	port/
		Note • For instructions, see VMwar	e VIX API

Table 4 • Configure Virtual Machines

#	Step	Instructions	Result
#	Step Add a virtual machine to Automated Application Converter	 Open Automated Application Converter by clicking Add Virtual Machines on the Set Up Infrastructure tab of the AdminStudio Start page. The Application Conversion Project Wizard opens. Cancel the wizard. Then open the Machines tab and follow the instructions in Adding Virtual Machines Using the Virtual Machine Import Wizard 	Result A virtual machine is listed on the Machines tab of Automated Application Converter <pre> Untitled-Automated Application Converter File Edit View Tools Help Windows Vista - 32 bit Windows 7 (x86) Any [ha-datacenter/Line Machine: Remove Selected Ready </pre>
		to add the prepared virtual machine to the Machines tab. Note • When prompted, save the Automated Application Converter project file to the following directory:	
		C:\Users\YOURNAME\Documents\MyProject.aacx	
		All of the connection information for the virtual machine that you have set up is stored in the project file, so remember the name and location of your Automated Application Converter project file.	

Setting E-Mail Notification Settings

To enable AdminStudio to send you e-mail notifications during various processes, you need to configure your SMTP notification settings.

Currently, e-mail notifications are sent when soft time-outs are encountered while using Automated Application Converter to repackage an application on a virtual machine.

In this exercise, you will enter the SMTP settings for e-mail notifications. This enables AdminStudio to send notifications when a soft time out is encountered during repackaging on a virtual machine by Automated Application Converter.

Table 5 • Set E-Mail Notification Settings

#	Step	Instructions	Result
1.	Set SMTP Notification Settings	On the Notification Settings tab of the AdminStudio Options dialog box, enter your SMTP settings for e-mail notifications.	When you click Test on the Notifications Settings tab, a successful message opens. AdminStudio Test Succeeded. A test E-Mail has been sent to the To E-Mail ID(s). OK

Entering Server/Database Connection Settings

In AdminStudio 2022, you can define multiple named connections to System Center Configuration Manager, Citrix XenApp, Symantec Altiris Client Management Suite, Microsoft Server App-V, JAMF Casper Suite, and AirWatch distribution systems. This enables you to both have multiple connections easily available during import and distribution, and to refer to those connection settings by name in Platform API commands.

You need to specify at least one named connection to a distribution system in order for Application Manager to import packages, distribute applications, or report on application deployment status.

To enable AdminStudio to display data from your Microsoft ACT (Application Compatibility Toolkit) database in views and reports, you need to enter connection information for your Microsoft ACT database.

Table 6 • Enter Server Connection Settings

#	Step	Instructions	Result
1.	Enter System Center Configuration Manager connection settings	Open the Application Manager Options dialog box, and on the Distribution System tab, create a named connection to System Center 2012 Configuration Manager. Note • For instructions, see Creating a New Distribution System Connection Setting	When you click Test on the Distribution System tab, the following message is displayed: Connection to <i>ServerName</i> Succeeded
2.	Entering Microsoft ACT database connection settings	Open the Application Manager Options dialog box, and on the Microsoft ACT tab, enter Microsoft ACT database connection information.	When you click Test on the Microsoft ACT tab, a successful message opens:
		Note • This is an optional step that you can perform if your organization has a Microsoft ACT database and you want to display that data in Application Manager.	

Migrating to Windows Installer

The flowchart on the **Migrate to Windows Installer** tab of the AdminStudio Start page lists the steps you need to perform to migrate a sample setup (such as an .exe file) to a deployable Windows Installer package.

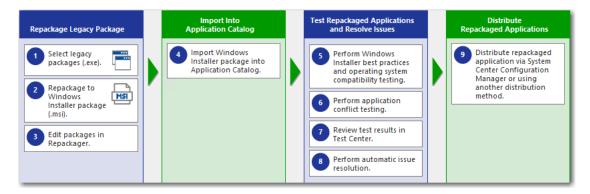


Figure 6: Migrate to Windows Installer Tab of AdminStudio Start Page

In this section, you will convert a sample setup named SampleApplicationSetup.exe to a Windows Installer Package, import it into the Application Catalog, test it for best practices, operating system compatibility, and application conflicts, and then prepare it for distribution using Distribution Wizard.

Ì

Important • It is preferable to repackage 32-bit applications on 32-bit operating systems. In this exercise, we will be repackaging a 32-bit application.

To migrate a sample application to a Windows Installer package, perform the following steps:

- Repackaging a Sample Package
- Importing Packages into the Application Catalog
- Testing a Repackaged Application and Resolving Issues

Repackaging a Sample Package

In this procedure, you will repackage a sample setup, perform some minor edits in Repackager, and then build a Windows Installer package.

Table 7 • Repackage a Sample Package

#	Step	Instructions	Result
1. 2.	Select and repackage a sample package (.exe) to a Windows Installer Package (.msi)	Use Repackaging Wizard (Installation Monitoring method) to repackage the following sample setup: C:\ASEvalGuideDataFiles\ SampleApplicationSetup\ SampleApplicationSetup.exe Important • It is recommended that you repackage this sample package on a clean machine. Save the captured data in the following directory: C:\Packages Note • For instructions, see Repackaging Using the Installation Monitoring Method.	The captured data was converted into a Repackager project file (SampleApplication.irp) and opened in the Repackager interface.

Table 7 • Repackage a Sample Package

#	Step	Instructions	Result
3.	Edit package in Repackager and build Windows Installer package	To exclude files that are not part of the package, open the Files and Folders view, right-click on the [WindowsVolume] folder and select Exclude All from the context menu. Click Save .	The [WindowsVolume] folder is displayed in red to indicate that it is excluded: (WindowsVolume) (ProgramFilesFolder] (WindowsFolder]
		Open the Repackaged Output view and click Build to build a Windows Installer package. Image: Construction instruction instruction instruction instruction instruction installer Package.	The Repackager project file has been converted to a Windows Installer package, located in the following directory: C:\Packages\MSI_Package\ SampleApplication.msi
		Copy all of the files in the C:\Packages\MSI_Package directory (including the SampleApplication.msi file) to the following directory on the machine where AdminStudio is installed: C:\ASEvalGuideDataFiles\ SampleApplicationSetup\	New Windows Installer package (and other associated files) are now in the same main directory as the other evaluation data files. Sample Application.Context.ism Sample Application.Context.msi Sample Application.ism Sample Application.msi Sample Application.xml Sample Application.xml Sample Application.SoftwareId.cab Sample Application_SoftwareId.cab

Importing Packages into the Application Catalog

In this procedure, you will import Windows Installer packages into the Application Catalog, including the one you created in Repackaging a Sample Package:

Table 8 • Import Into Application Catalog

#	Step	Instructions	Result
4.	Import Windows Installer package into Application Catalog	Before beginning import, open the Application Manager Options dialog box and clear the selection of the Automatically Execute Tests After Import option.	The packages are now listed in the Application Manager tree, each under its own Application node:
		Next, use the Import Wizard to import all of the packages in the ASEvalGuideDataFiles directory.	 Sample Application Sample Application (v3.0) Sample Application Source
		 On the Source panel, select Folder of multiple applications. 	
		• On the Package Type Selection panel, select	 Sample Application Target (v1.00.0000) Sample Kit Sample Kit (v17.00.000)
		• On the Package Folder Selection panel, select the C: \ASEvalGuideDataFiles directory.	
		• On the Select Applications panel, leave all of the applications selected.	
		• On the Destination Group panel, select the Applications folder in the tree. Do not select the Create subgroups based on source folder structure option.	
		Note • For instructions on how to import a directory of packages into the Application Catalog, see Importing a Folder of Multiple Packages.	

Table 8 • Import Into Application Catalog

#	Step	Instructions	Result
4.	Import Windows Installer package into Application Catalog (Continued)	Create a new group in the Application Manager tree named Engineering and move the Sample Application into that new group. Note • For instructions, see Adding Groups and Organizing Applications in Application Manager.	The Application Manager tree should now be organized as follows: Papplications Final Engineering Sample Application Sample Application Source Sample Application Source Sample Application Source
		Create another new group in the Application Manager tree named Marketing, and move the other three applications into that group.	 Sample Application Target Sample Application Target (v1.00.0000) Sample Kit Sample Kit (v17.00.000)
			The Application Manager tree should now be organized as follows:
			Applications Engineering
			 Sample Application Marketing 影 Sample Application Source 影 Sample Application Target 影 Sample Kit

Testing a Repackaged Application and Resolving Issues

In this procedure, you will test the Windows Installer packages you imported into the Application Catalog, and then distribute a package to a network location.

Table 9 • Test and Distribute Repackaged Applications

#	Step	Instructions	Results
5.	 Perform Windows To perform Windows Installer be Installer best packages in the Application Cata 		actices and operating system compatibility testing on all of the irst select the Analyze tab in the Application Manager ribbon. n the Application Manager tree, and click Execute Tests .
Note • For more information, see Performing Compatibility and Best Practices Te			ormina Compatibility and Best Practices Testina.

When testing is finished, view the test results by selecting a Windows Installer package in the tree to open the **Summary** view on the **Supportability Risks** tab of the **Analyze Deployment Type View**, as shown below:

7-Zip 9.20 (x64 edition) MSI Analyze Deployment Type View	
Supportability Risks	
Summary	
Test Category	 Overall Assessment
Operating System Compatibility	8
Windows 10 1607 (and 2016 LTSC) 32-bit	⊗ ∞
Windows 10 1607 (and 2016 LTSC) 64-bit	A #
Windows 10 1703 32-bit	8
Windows 10 1703 64-bit	∆ ₽
Windows 10 1709 32-bit	8
Windows 10 1709 64-bit	∆ ⊱
Windows 10 1803 32-bit	8
Windows 10 1803 64-bit	∆ ₽
Windows 10 1809 (and 2019 LTSC) 32-bit	8
Windows 10 1809 (and 2019 LTSC) 64-bit	∆ ₽
Windows 7 32-bit	8
Windows 7 64-bit	≜ ₽
Windows 8.1 32-bit	8
Windows 8.1 64-bit	≜ ₽
Windows Server 2008 R2	A ₽
Windows Server 2012	<u>_</u>
Windows Server 2016	۵e

On **Analyze** tab views, groups, applications, and packages are assigned a test status in each test group using status icons. For packages, the status icon identifies that package's test status (as described in About Status Icons). For groups and applications, Application Manager considers all of the packages in that group or application, and displays the status icon for the package that has the status at the highest hierarchical level, as described in the **Hierarchical Level of Status Icons** section of the About Status Icons help topic.

Note • For more information, see Viewing Summary Test Results.

Table 9 • Test and Distribute Repackaged Applications

#	Step	Instructions	Results	
6.	Perform application	Use the Con	flict Wizard to detect conflicts between the following two packages:	
	conflict testing	• Source	Sample Application Source	
		• Target:	Sample Application Target	
		Note • For in	nstructions, see Testing for Conflicts Between Packages.	
7.	Review test results	When applic	ation conflict testing is finished, view the test results by selecting the Sam	ple Application
		Source MSI p	backage in the tree, and then clicking on Windows Installer Conflicts und	er Application
			the Supportability Risks tab of the Analyze Deployment Type View . Errorick the plus sign next to a test name to view individual error/warning mess	-
		package:		
		Hindows Ser	ver 2016 26 Tests Executed 4 Errors 1 Warnings 0 Issues Suppressed 5 Total 1 Auto	-Fix Available
		Severity	Message	
		0 🖓 🕒	0601 - Unsupported 32-bit Windows Help Files: The Windows Installer database is scanned for the presence of 32-bit Windows Help files (.hlp).	Count: 1
		4	This Windows Installer database contains 20 unsupported Windows Help file(s).	
		- 😣 on 🛙	0637 - 32-bit Driver: The Windows Installer database is scanned for the presence of 32-bit drivers.	Count: 4
		8	This Windows Installer database contains 32-bit driver ([CommonFilesFolder]Research In Motion\USB Drivers\RimUsbNT.inf) (Table: File, Key: rimusbnt.inf).	
		8	This Windows Installer database contains 32-bit driver ([CommonFilesFolder]Research In Motion!Modem Drivers!RimSerial.inf) (Table: File, Key: rimserial.inf).	
		8	This Windows Installer database contains 32-bit driver ([WindowsFolder]infloem12.inf] (Table: File, Key: oem12.inf1).	
		8	This Windows Installer database contains 32-bit driver ([WindowsFolder]infloem5.inf) (Table: File, Key: oem5.inf).	

Next, click the suppress (ON/OFF) button next to the **Identical Merge Modules** error to suppress that test from test totals and from automatic resolution. The button toggles to the OFF position and the error icon turns to gray.

Note • For more information, see the following topics:

- Viewing Detailed Package Test Results
- Viewing Application Conflicts Test Results
- Filtering Test Results by Suppressing Errors/Warnings

Table 9 • Test and Distribute Repackaged Applications

#	Step	Instructions	Results
8.	Perform automatic issue resolution	Issues for which automatic fixes are available are identified by the Error With Fix or Warning With Fix icon:	Issue resolution begins, progress messages appear in the Output window, and Application Manager performs the following tasks:
		Note • For more information, see Performing Automatic Issue Resolution.	 Reruns tests—Application Manager reruns all of the selected tests to ensure that the issues that it is going to resolve still exist in the current version of the package and its associated transforms. Creates transform files—To resolve issues, Application Manager generates fix transform files. Reimports packages—Application Manager then automatically reimports each package and its fix transform files into the Application Catalog. When issue resolution and reimporting is complete, look at the Analyze Group View, Application View, or Deployment Type View of the package, application, or group that you tested. You will see that the Error With Fix and Warning With Fix icons have been replaced with the status icon with the next highest level (as described in the Hierarchical Level of
			Status Icons section of the About Status Icons help topic) in that test category.

Distributing a Repackaged Application

In this procedure, you will distribute a Windows Installer package to a network location.

Table 10 • Distribute a Repackaged Application

#	Step	Instructions	Results
9.	Distribute repackaged application	Use the Legacy Distribution Wizard to distribute the Sample Application Windows Installer package to a Network location. You open the Legacy Distribution Wizard by opening the Home tab of the ribbon, selecting the Windows Installer package node and then selecting Distribute Package from the context menu.	SampleApplication.msi is copied to the specified network location, making it available to your enterprise.
		For instructions on how to distribute a package to a network location, see Distributing Packages to Network Locations.	
		Note • To distribute an application to a System Center 2012 Configuration Manager, Citrix XenApp, Symantec Altiris, JAMF Casper Suite, or AirWatch, select the application node in the tree and then click the Distribute button in the ribbon. You must have already set up a named	
		connection to that distribution system on the Options dialog box.	
		Note • You can publish applications containing App-V 4.x packages and Citrix XenApp profiles to Citrix XenApp server, and can publish applications containing Windows Installer, Symantec Workspace, VMware ThinApp, or legacy installers to Symantec Altiris server.	
		If an application contains a package of an unsupported deployment type, that package will be ignored.	

Migrating to Application Virtualization

The flowchart on the **Migrate to Application Virtualization** tab of the AdminStudio Start page lists the steps you need to perform to migrate your application portfolio into virtual applications that are ready for deployment within the enterprise.

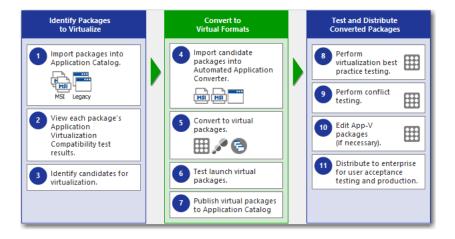


Figure 7: Migrate to Application Virtualization Tab of AdminStudio Start Page

In this section, you will use the Automated Application Converter to convert Windows Installer packages to virtual packages, and then test and distribute the virtual packages.

To migrate your application portfolio into virtual applications, perform the following steps:

- Identifying Packages to Virtualize
- Converting to Virtual Formats
- Testing and Distributing Converted Packages

Identifying Packages to Virtualize

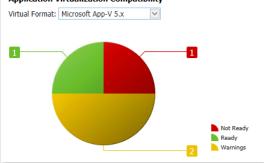
In this procedure, you will import packages into the Application Catalog and identify the packages you want to virtualize.

Table 11 • Identify Packages to Virtualize

#	Step	Instructions	Results
1.	Import packages into Application Catalog.	Open Application Manager and locate the packages that you imported in Importing Packages into the Application Catalog.	The four Windows Installer packages are listed in the Application Manager tree: Applications Engineering Sample Application Sample Application (v3.0) Marketing Sample Application Source Sample Application Source (v1.00.0000) Sample Application Target Sample Application Target Sample Application Target Sample Application Target (v1.00.0000) Sample Kit Sample Kit Sample Kit (v17.00.000)

Table 11 • Identify Packages to Virtualize

#	Step	Instructions	Results
2.	View package's Application Virtualization Compatibility test	To view application virtualization compatibility test results, open the Analyze tab, and then select a group in the tree to open the Analyze Group	The packages' application virtualization compatibility test results are listed in both chart and list view. The following is the chart view:
	results.	View.	Application Virtualization Compatibility



Test results are also shown in the **Application** Virtualization Compatibility column under Supportability Risks on the Analyze Group View.

earch: Enter application name	×C	2	
		Supportability Risk	5
Application or Group	Operating System Compatibility	Browser Compatibility	Application Virtualization Compatibility
🖟 Sample Application Source	A	-	0
🛃 Sample Application Target	8	-	0
🛃 Sample Kit	Δ	-	8

You can switch between chart and list view of clicking the toggle button in the top right corner of the view.



ON
 2151 - 32-bit Shell Extensions: The Windows Installer data
 extensions that affects on 64-bit Operating Systems.

Table 11 • Identify Packages to Virtualize

#	Step	Instructions	Results
#	Step Identify candidates for virtualization.	InstructionsYou will notice that in the ApplicationVirtualization Compatibility column,two of the packages have a Ready status(Sample Application Source and SampleApplication Target), while the other hasan Error status (Sample Kit).Therefore, for the package with the errorstatus, select the deployment type iconin the tree to open the Summary view,and then click on the error status iconunder Application VirtualizationCompatibility next to the unsupportedvirtualization type.	<text><text><text></text></text></text>
			Severity Message Message Message

Converting to Virtual Formats

In this procedure, you will use Automated Application Converter to convert Windows Installer packages to App-V packages.

Table 12 • Convert to Virtual Formats

#	Step	Instructions	Results	
4.	Import candidate packages into Automated	Open Automated Application Converter, open the existing project you created in Configuring a Virtual Machine, and use	Packages are listed on the Packag	es tab.
	Application	the Package Import Wizard to add the	🗹 🔾 🔊 🕲 Package	Path
	Converter.packages that you identified inIdentifying Packages to Virtualize.	packages that you identified in	🔽 🛕 🌏 SampleApplicationSource	C:\AS2(
		🔽 🧭 🌏 SampleApplicationTarget	C:\AS2(
		identifying Fackages to virtualize.	🔽 🧭 🛃 SampleKit	C:\AS2(
		Note • For instructions, see Selecting		
		Packages from an AdminStudio		
		Application Catalog.		

Table 12 • Convert to Virtual Formats

#	Step	Instructions	Results
5.	Convert to virtual packages.	First. open the Project Options dialog box and make sure that the Package Creation property is set to App-V 4.6 with AdminStudio. Then, use the Application Conversion Wizard to convert the packages to App-V 4.x applications. Note • For instructions, see Performing a Conversion Using the Application Conversion Wizard. Important • Make sure that you have already performed the steps in Configuring a Virtual Machine before beginning this step.	When conversion is complete, each virtual package is listed in a tree structure under its original package on the Packages tab. Machine Package Results Package Package Package Package Sample Application Source Sample Application Target. Sample Application Target. Sample Kit.sft
6.	Test launch virtual packages.	Test the virtual packages by launching them on a virtual machine. Note • For instructions, see Performing Automated Testing of App-V Packages.	Virtual packages launch successfully.
7.	Publish virtual packages to Application Catalog.	Import the new virtual packages into the Application Catalog. Import the new virtual packages into the Application Catalog. Import the new virtual packages into the Application Catalog. Import the new virtual packages into the Application Catalog. Import the new virtual packages into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new virtual package into the Application Catalog. Import the new vi	The virtual packages are listed in the Application Manager tree under their associated Application.
			Note • You may need to click Ctrl + R to refresh the Application Catalog tree.

Testing and Distributing Converted Packages

In this procedure, you will validate the converted packages, perform conflict analysis against other packages, resolve any issues found, and distribute the packages.

Table 13 • Test and Distribute Converted Packages

#	Step	Instructions	Results
8.	Perform virtualization best practices testing.	By default, App-V best practices testing is performed during import (as described in Import Options). To perform this testing manually, first select the Analyze tab in the Application Manager ribbon. Then, select one of the App-V packages in the Application Manager tree, and click Execute Tests . Messages appear in the Output Window.	When testing is complete, results are displayed on the Summary tab of the Analyze Deployment Type View .
		Note • For more information, see Performing Compatibility, Best Practices, and Risk Assessment Testing.	
9.	Perform conflict testing.	In Application Manager, perform conflict testing of the Sample Application Source App-V package against the Sample Application Target App-V package.	Conflict analysis results are listed in the Output window and in the Conflicts view. An error is detected: Package 'Sample Application Source' has a conflicting root Directory 'SampleAp.100' with package 'Sample Application Target'.
10.	Edit App-V packages (if necessary).	Between Packages. To resolve the error that was found during testing on Sample Application Source App-V package, select it on the Home tab of the Application Manager tree and select Edit with Virtual Package Editor. In the Virtual Package Editor's General Information view, change the Root Folder Name property to SampleAp. 200 and click Save. Image: The SampleAp. 200 and click Save.	The edited App-V package is imported into the Application Catalog. Image: Constraint of the start o

Table 13 • Test and Distribute Converted Packages

#	Step	Instructions	Results
11.	Distribute to enterprise for user acceptance testing and production.	Distribute this tested App-V package to a Network location. Note • For instructions on how to distribute a package, see Distributing Packages to Network Locations. Tip • Distribution Wizard also supports deploying applications to System Center Configuration Manager (Current Branch), System Center 2012 Configuration Manager, System Center 2007 Configuration Manager, Citrix XenApp Server, JAMF Casper Suite, AirWatch Server, Microsoft App-V Server, and Symantec Altiris distribution systems. For more information, see Distributing Applications.	The selected App-V package is copied to the specified network location, making it available to your enterprise.

Testing for Application Compatibility

The flowchart on the **Test for Application Compatibility** tab of the AdminStudio Start page outlines how to use Application Manager to test packages for compatibility with the latest versions of Windows and Windows Server operating systems, as well as to test web applications for compatibility with Internet Explorer 11 and Microsoft Edge.

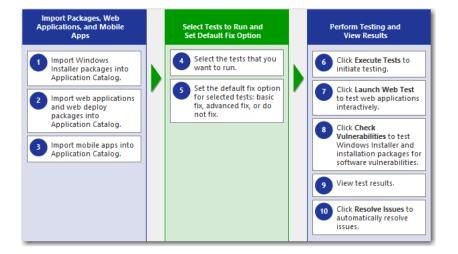


Figure 8: Test for Application Compatibility Tab of AdminStudio Start Page

In this section, you will test some packages for operating system compatibility fix issues that were found. You will also test web applications, both statically and dynamically.

To perform application compatibility testing, perform the following steps:

- Importing Packages, Web Applications, and Mobile Apps
- Selecting Tests to Run and Setting Default Fix Option
- Performing Testing and Viewing Results

Importing Packages, Web Applications, and Mobile Apps

In this procedure, you will load the packages to test and select the reports to run.

Table 14 • Importing Packages and Web Applications

#	Step	Instructions	Result
1.	Import Windows Installer packages into Application Catalog.	For this exercise, we will test Windows Installer packages that were imported into the Application Catalog earlier in this guide in Importing Packages into the Application Catalog.	The Application Manager tree should now be organized as follows: Applications Fingineering Sample Application Marketing Sample Application Target Sample Kit
2.	Import web applications into Application Catalog.	 First, open the Import Options > General tab of the Application Manager Options dialog box, and clear the selection of the Automatically Execute Tests After Import option. Next, create a new group in the Application Manager tree named Web Applications. Then import the following web applications into the Web Applications folder, as described in Importing a Deployed Web Applications. Orbitz at: http://www.orbitz.com Travelocity at: http://www.travelocity.com Because these web applications do not require a login to access, leave the User name and Password fields on the Web Site Details panel blank. 	The web applications are listed in the Application Manager tree: Applications Engineering Marketing Orbitz Travel: Airline Tickets, Cheap Hotels, Ca Orbitz Travel: Airline Tickets, Cheap Hotels Travelocity, Book Travel for Less Hotels Travelocity, Book Travel for Less Hotels,

Table 14 • Importing Packages and Web Applications

#	Step	Instructions	Result
3.	Import a mobile app into the Application Catalog	Create a new group in the Application Manager tree named Mobile Apps . Then, import an Apple iOS mobile app from the Apple App Store, as described in Importing Public Store Mobile Apps.	The iOS public store mobile app is listed in the Application Manager tree. Mobile Apps Adobe Acrobat Reader Adobe Acrobat Reader (v18.03.31)

Selecting Tests to Run and Setting Default Fix Option

In this procedure, you will select the Operating System Compatibility and Browser Compatibility tests to run and set default fix options.

Table 15 • Selecting Tests to Run and Setting Default Fix Option

#	Step	Instructions	Result
4.	Select the operating system and browser compatibility tests that you want to run.	Select the Operating System Compatibility and Browser Compatibility tests that you want to run, as described in Selecting Tests to Execute.	The Operating System Compatibility and Browser Compatibility tests that you want to run are selected on the Select Tests to Execute dialog box.

Table 15 • Selecting Tests to Run and Setting Default Fix Option

#	Step	Instructions	Result
5.	Set the default fix option for selected tests: basic fix, advanced fix, or do not fix.	Some of the tests in the Operating System Compatibility and Browser Compatibility test group let you specify whether to perform a basic or advanced fix when you automatically resolve issues, as described in Setting Automatic Fix Preferences for Operating System Compatibility and Browser Compatibility Tests. On the Select Tests to Execute dialog box, review the Default Fix section of several of your selected tests. For this exercise, it is not necessary to make any changes to the Default Fix settings.	A Default Fix selection is made for all Operating System Compatibility and Browser Compatibility tests. Default Fix: This choice will be used when resolving the issues that are identified by this test. Do not resolve this issue automatically. Apply the basic auto fix. Apply the advanced auto fix.

Performing Testing and Viewing Results

In this procedure, you will test packages and web applications for operating system and browser compatibility, view test results, and automatically fix issues.

Table 16 • Performing Testing and Viewing Results

#	Step	Instructions	Result
6.	Click Execute Tests to test Windows	First select the Analyze tab in the Application Manager ribbon	Messages are listed in the Output Window. When testing is complete, the following message is displayed:
	Installer packages, mobile apps, and web applications	Then, select the Applications group in the Application Manager tree, and click	Testing finished at: Monday, April 23, 2019 - 13:47:04
	(statically).	Execute Tests.	Tested 6 packages of 6.
		Note • For more information, see	
		Performing Compatibility, Best Practices, and Risk Assessment Testing.	

Table 16 • Performing Testing and Viewing Results

#	Step	Instructions	Result
7.	Click Launch Web Test to test web	To interactively, dynamically test a web application, select a web application	Messages are listed in the Output Window. When testing is complete, the following message is displayed:
	applications interactively.	node in the tree and click Launch Web Test .	Testing finished at: Monday, April 23, 2019 - 13:58:08
			Completed testing package(s).
		Note • For more information, see Performing Dynamic Testing of Web Applications.	
		Application Manager launches the web application in your browser. Then, as you perform tasks and navigate around the web application, Application Manager records any warnings or errors that are encountered while using that version of the browser.	
		When you have finished testing, close the browser window.	
		\bigcirc	

V

Tip • You should always use dynamic testing when a web application requires a login to access.

\bigcirc

Tip • As each page loads, Application Manager begins testing. Links on each page do not become active until testing is complete on that page, so you may have to wait several seconds before proceeding.

Table 16 • Performing Testing and Viewing Results

#	Step	Instructions	Result
8.	View test results.	When testing is finished, view the test res	ults by selecting a Windows Installer package or web
		application in the tree to open the Summary view of the Supportability Risks of the Analyze	

Deployment Type View.

7-Zip 9.20 (x64 edition) Analyze Deployment Type View	
Supportability Risks	
Summary	
Test Category	 Overall Assessme
Operating System Compatibility	⊗ •
Windows 10 1607 (and 2016 LTSC) 32-bit	8
Windows 10 1607 (and 2016 LTSC) 64-bit	<u> </u>
Windows 10 1703 32-bit	⊗ •
Windows 10 1703 64-bit	<u>A</u> £-
Windows 10 1709 32-bit	8
Windows 10 1709 64-bit	<u>A</u> £-
Windows 10 1803 32-bit	8
Windows 10 1803 64-bit	<u>A</u> £-
Windows 10 1809 (and 2019 LTSC) 32-bit	⊗ •
Windows 10 1809 (and 2019 LTSC) 64-bit	<u>A</u> £-
Windows 7 32-bit	⊗ •
Windows 7 64-bit	<u> </u>
Windows 8.1 32-bit	8
Windows 8.1 64-bit	<u>A</u> £-
Windows Server 2008 R2	<u>A</u> £-
Windows Server 2012	<u>A</u> £-
Windows Server 2016	

Click an icon in the Overall Assessment column to view detailed test results :

Windows	Server 2016 26 Tests Executed 4 Errors 1 Warnings 🔟 Issues Suppressed 5 Total 1 Auto	ito-Fix Availabl
Severity	Message	
	0601 - Unsupported 32-bit Windows Help Files: The Windows Installer database is scanned for the presence of 32-bit Windows Help files (.hlp).	Count
Ap This Windows Installer database contains 20 unsupported Windows Help file(s).		
	This Windows Installer database contains 20 unsupported Windows Help file(s).	
 □ 😢 💽		Count
_		Count:
- 😣 💽	0637 - 32-bit Driver: The Windows Installer database is scanned for the presence of 32-bit drivers.	Count:
- 8 on 8	O637 - 32-bit Driver: The Windows Installer database is scanned for the presence of 32-bit drivers. This Windows Installer database contains 32-bit driver ([CommonFilesFolder]Research In Motion\USB Drivers\RimUsbNT.inf) (Table: File, Key: rimusbnt.inf).	Count:

Click the Suppress (ON/OFF) button to suppress any issues that are not important to your organization.

Note • For more information, see Viewing Operating System Compatibility Test Results and Viewing Browser Compatibility Test Results.

Table 16 • Performing Testing and Viewing Results

#	Step	Instructions	Result
9.	Click Resolve Issues to automatically resolve issues.	Issues for which automatic fixes are available are identified by the Error With Fix or Warning With Fix icon:	Issue resolution begins, progress messages appear in the Output window, and Application Manager performs the following tasks:
		 A automatically resolve all issues for which automatic fixes are available, select the Applications group node in the tree and click Resolve Issues in the Analyze tab of the ribbon. Note • For more information, see Performing Automatic Issue Resolution. 	 Reruns tests—Application Manager reruns all of the selected tests to ensure that the issues that it is going to resolve still exist in the current version of the package and its associated transforms. Creates transform files—To resolve issues, Application Manager generates fix transform files. Reimports packages—Application Manager then automatically reimports each package and its fix transform files into the Application Catalog. When issue resolution and reimporting is complete, look at the Analyze Group View, Application View, or Deployment Type View of the package, application, or group that you tested. You will see that the Error With Fix and Warning With Fix icons have been replaced with the status icon with the next highest level (as described in the Hierarchical Level of Status Icons section of the About Status Icons help topic) in that test category.