

10.4 *infinity* Release Notes





Copyright © Raynet GmbH (Germany, Paderborn HRB 3524). All rights reserved.

Complete or partial reproduction, adaptation, or translation without prior written permission is prohibited.

Release Notes
for release 10.4 *infinity*

Raynet and RayFlow are trademarks or registered trademarks of Raynet GmbH protected by patents in European Union, USA and Australia, other patents pending. Other company names and product names are trademarks of their respective owners and are used to their credit.

The content of this document is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Raynet GmbH. Raynet GmbH assumes no responsibility or liability for any errors or inaccuracies that may appear in this document. All names and data used in examples are fictitious unless otherwise noted.

Any type of software or data file can be packaged for software management using packaging tools from Raynet or those publicly purchasable in the market. The resulting package is referred to as a Raynet package. Copyright for any third party software and/or data described in a Raynet package remains the property of the relevant software vendor and/or developer. Raynet GmbH does not accept any liability arising from the distribution and/or use of third party software and/or data described in Raynet packages. Please refer to your Raynet license agreement for complete warranty and liability information.

Raynet GmbH Germany
See our website for locations.
www.raynet.de



Table of Contents

Introduction	4
Deployment Manager	5
New Features in Deployment Manager	5
Resolved Issues	14
Security Manager	17
New Features in Security Manager	17
System Requirements	18
Hardware Requirements	18
Prerequisite Software	20
Compatibility	26
Compatible Components	26
Upgrading from Earlier Releases	26
Additional Information	28

Introduction

RayManageSoft 10.4 *infinity*, just like its predecessors, will continue to provide a complete set of products for software and operating system (OS) deployment, as well as security and patch management. The software includes four components for deploying, patching, and securing applications and operating systems, all built on a common infrastructure that includes IT asset discovery, inventory and software asset management. The RayManageSoft client-centric architecture leverages existing IT hardware to speed up implementation and reduce costs for mid-size and large organizations.

The release of RayManageSoft *infinity* 10.4 has a great deal to do with the feedback from our customers since some of its new features and enhancements come as a direct result of that communication. The new features in version 10.4 meet the needs of our current customers and the demand of the current market. Some of those demands are in the area of software asset management (SAM) where enterprises are looking for well-rounded, comprehensive deployment software that also targets license counting, detailed reporting, and inventorying of software and hardware, just to name a few.

Welcome to RayManageSoft 10.4 *infinity*.

Deployment Manager

Deployment Manager is the component of RayManageSoft that transforms desktops, servers, and mobile devices into self-managing, smart devices that continuously align with enterprise IT policies.

New Features in Deployment Manager

Using the Deployment manager's Software library package editor, users have the opportunity to add different types of resources including file(s) to their software package. When using RayManageSoft *infinity* 10.4 and adding a file resource from a network share, users will have the choice to copy the file to a project location in the repository or let it remain and be used from its current location.

Working with AD Nested Groups in Rollout Control

A checkbox control named "Include nested groups" has been added to the New Rollout Plan wizard, which enables the possibility of working with the nested Active Directory Groups. If checked, the Rollout Control will discover and analyze all the packages that are assigned to the selected target group and its member groups when creating a new plan.

Target group

Select the target Active Directory group that will be controlled by this rollout plan.

The rollout plan controller will move devices to the selected group as waves are progressed.

Include nested groups

Sending Rollout Plan status as E-mail Notification

With the intent of providing automated real-time communication in the Rollout Control feature, users now have the option to receive updates pertaining to their Rollout Plan status with the new feature "E-mail Notification" that has been implemented under the Deployment Manager Rollout Control.

This feature is available under the **settings** tab of Rollout Control snap-in and when enabled sends notifications to single or multiple users. Furthermore, users can choose the frequency of these notifications based on an event such as start or failure of a wave and/or periodically, once per day.

E-mail notifications

Enable e-mail notifications

YES



Enable e-mail notifications to send information about the status of rollout plans.

E-mail recipients

ADD

REMOVE

E-mail

m.mustermann@raynet.de

Periodicity

- On every start of new wave
- On every failed wave
- Once per day

New Bundle Removal Wizard

With the new **Bundle Removal Wizard** in RayManageSoft *infinity* 10.4, users now have various removal options at their disposal that they can utilize while removing a bundle from the Bundles library of Deployment Manager. The removal options that are provided as part of the new Bundle Removal Wizard include:

- Removing the packages inside the bundle from Software Library
- Removing just the bundle from the Bundle Library
- Removing the packages inside the bundle from all distribution servers
- Removing the bundle from all policies containing it

The new Bundle Removal Wizard can be initiated either from the context menu or the extended content area on the right side after selecting single or multiple bundle(s).



Removal options

Summary

Progress

Finished

Removal options

- Remove contained packages from software library **NO**
- Remove from bundle library **YES**
- Remove contained packages from all distribution servers **NO**
- Remove from all policies **YES**

Removal priority

- Low**
Removal will occur when there are no other distribution or removal jobs with a higher priority.
- Medium**
Removals use the default bandwidth allowance and distribution times specified for each distribution server.
- High**
Removals occur immediately, using maximum possible bandwidth.

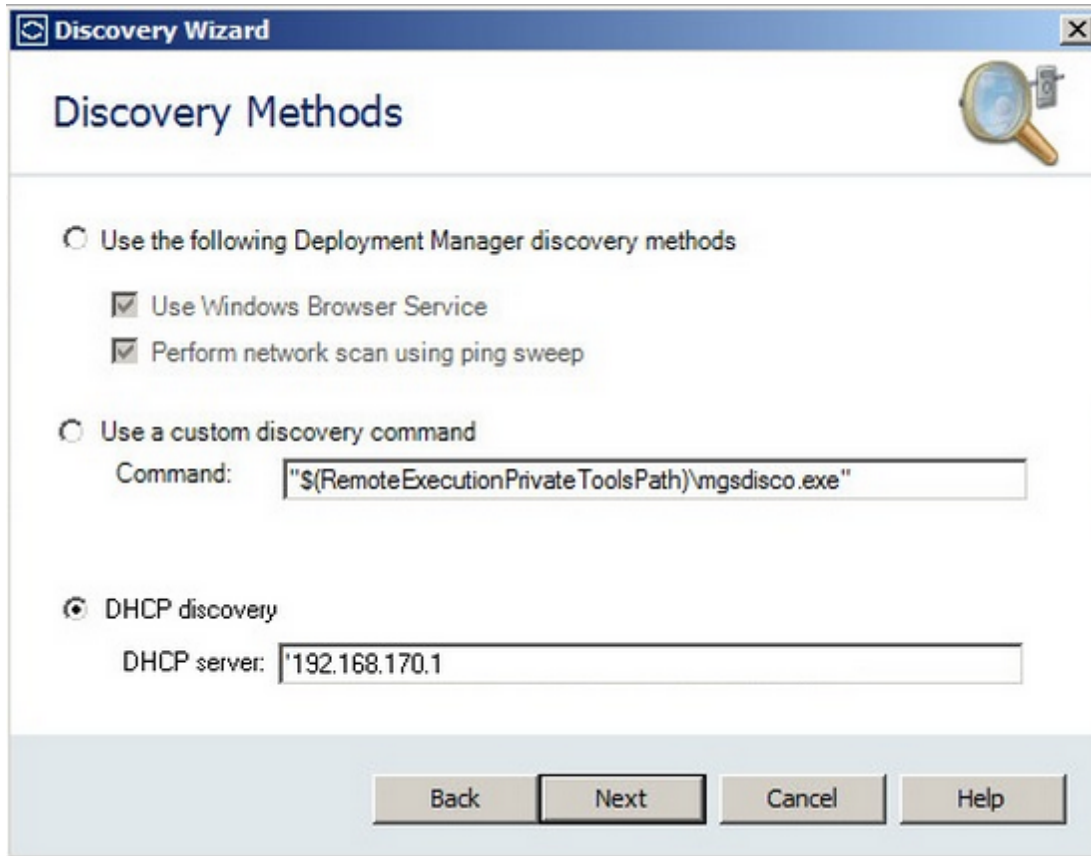
CANCEL

BACK

NEXT

Extended Discovery Method

While carrying out the discovery of devices, **Discovery Methods** have been extended to include the **DHCP discovery** option. If selected, the Discovery Wizard scans the selected DHCP server and adds data to devices via the ManageSoft database:



Task Based Install and Uninstall of Packages on a Device

As part of the RayManageSoft "remote execution subsystem" functionality, users can specify and remotely execute tasks from the RayManageSoft administration server onto a RayManageSoft distribution server(s) or selected computer(s) in the form of custom commands.

In this release of RayManageSoft *infinity*, the new tasks Install and Uninstall have been added to the remote tasks list, which can be carried out remotely with RayManageSoft Remote Command Wizard. Using the install command, the user can remotely install specified packages on the remote device and vice versa by using the uninstall remote command they can uninstall a selected package currently installed on the selected device.

Possibility to add the Report Server location through UI

It is now possible to add the location of the Report Server's URL through the Deployment Manager User interface. To specify the location, right click on the Reports (or Reporting) item from Deployment Manager Console tree and then select the Properties option from the context menu that is available.

A general properties window will be made available where the URL to the Report Server can be specified:

HTTP://AS/MANAGESOFTRP/

general

To view Deployment Manager reports, the location of your report server must be specified. The Web location (URL) specified will be the first page presented when viewing reports.

URL

OK

CANCEL

Automated Policy Merge

After adding package(s) to a policy in the previous version of RayManageSoft *infinity*, the “update database” needed to be run manually in order to synchronize ManageSoft database with the Active Directory. When this was not completed, the packages were not available when the related security group was selected while creating a new rollout plan.

This version of RayManageSoft *infinity*, automatically executes “update database” after finalizing the adding of package(s) to a policy.

Enhanced Distribution Wizard

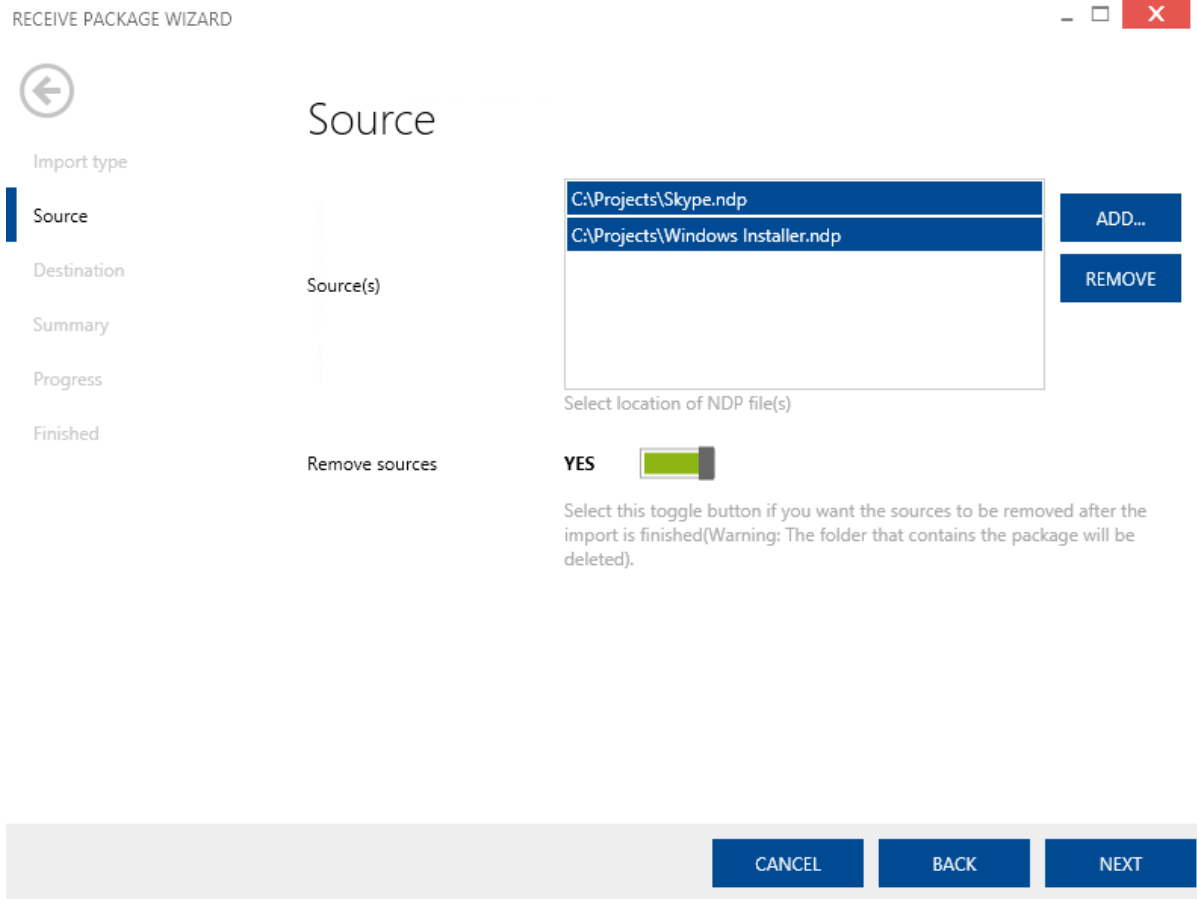
Raynet is a customer driven product development company and here is yet another example. We have implemented alphabetic sorting and search functionality in the user interface of the distribution wizard at the request of many of our customers.

These functionalities are designed to help in efficiently finding the desired distribution location or group for distribution of software packages.

Enhanced Receive Package Wizard

The new Receive Package Wizard in RayManageSoft *infinity* 10.4 allows its user simultaneously to import multiple pre-packed application (.osd) or NDP projects into the Deployment Manager Software Library.

Receive Package Wizard accomplishes this by providing an interactive Source window, where users can add multiple source files using the **ADD** button and/or remove selected source(s) using the **REMOVE** button.

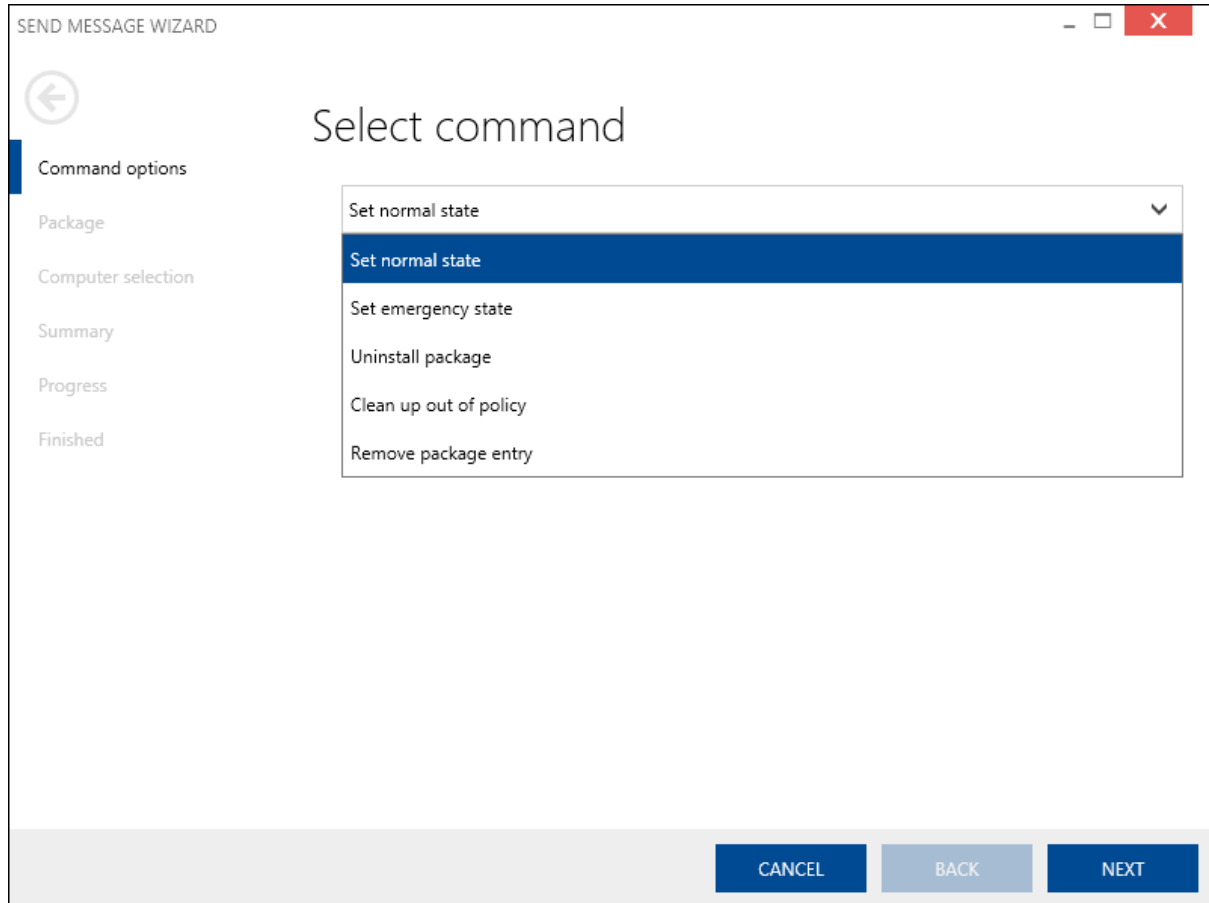


Extended Send Message Wizard

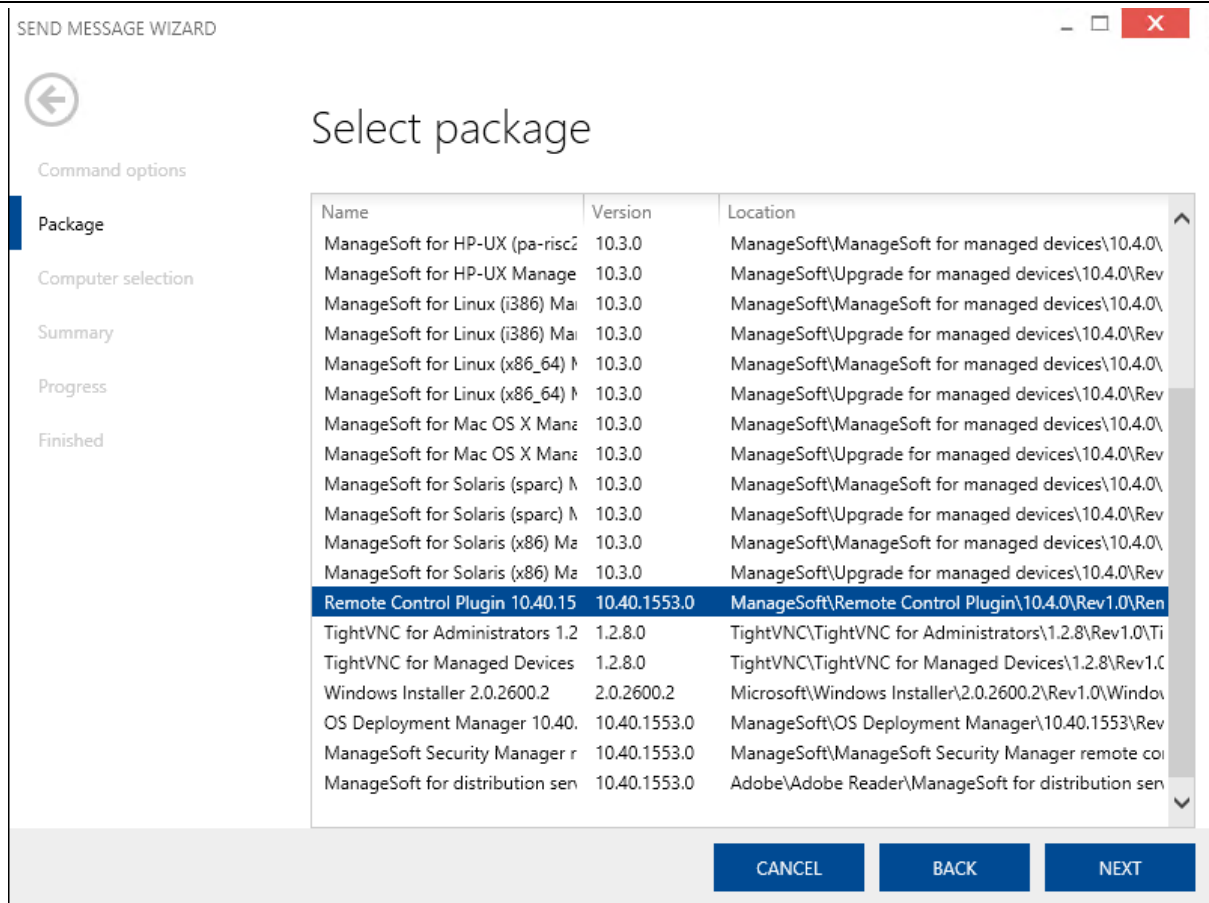
Messaging Wizard was introduced in RayManageSoft *infinity* 10.3 for the devices snap-in. By utilizing the wizard, the user could send a message directly to the devices instructing them to either set emergency state or restore normal state.

In this version of RayManageSoft *infinity*, the messaging wizard has been extended by adding three new commands, which could be sent to the devices as a message. The new commands include:

- **Uninstall Package-** Uninstalls the selected package on the device, regardless whether the package is in policy
- **Clean up out of Policy-** Uninstalls out of policy packages
- **Remove Package Entry-** Removes package entry from `dir2pkg.xml`



When either **Uninstall Package** or **Remove Package Entry** command is selected, the Send Message Wizard loads the list of packages from the dir2pkg.xml file. Users can proceed and finalize sending the command after selecting the desired package from the list and then selecting the desired device on which to execute the command.



Reporting Performance Optimization

In this release of RayManageSoft *infinity*, steps have been taken to improve the performance of the reporting feature. These steps include:

- Optimizing the Reporting Feature to include only the relevant domains which are needed when using RayManageSoft reporting
- Reducing the time it takes to load the reports in the report viewer

Exit Code Handling

An exit code represents the exit status of an installation/de-installation process when it is terminated. With RayManageSoft *infinity* 10.4 users will have the opportunity to add custom exit codes as custom property per package, allowing for a more granular and predictable evaluation of a successful installation or de-installation.

Rollout Control Web Interface

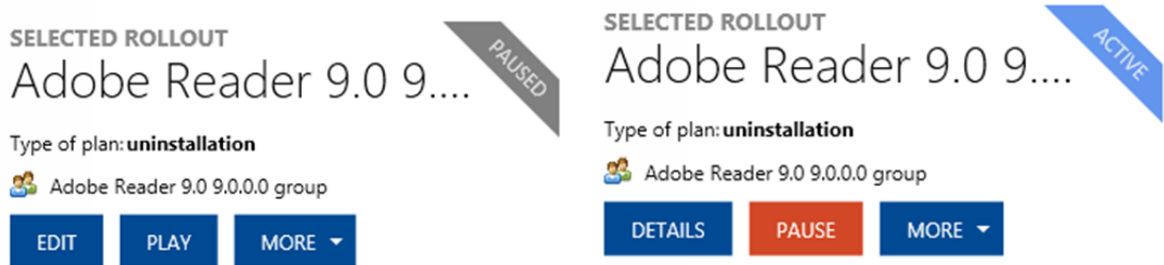
RayManageSoft *infinity* 10.4, comes with a web interface for Rollout Control feature. Using the web interface, a user can log in remotely and create and monitor their rollout plans.

Optimized Bundles Functionality

In this release of RayManageSoft *infinity*, the bundles functionality has been optimized by changing the bundling process. Now after adding a bundle to a policy, it is no longer possible to edit the bundle properties using the bundle editor.

Pause and Play Feature in Rollout Wave Control

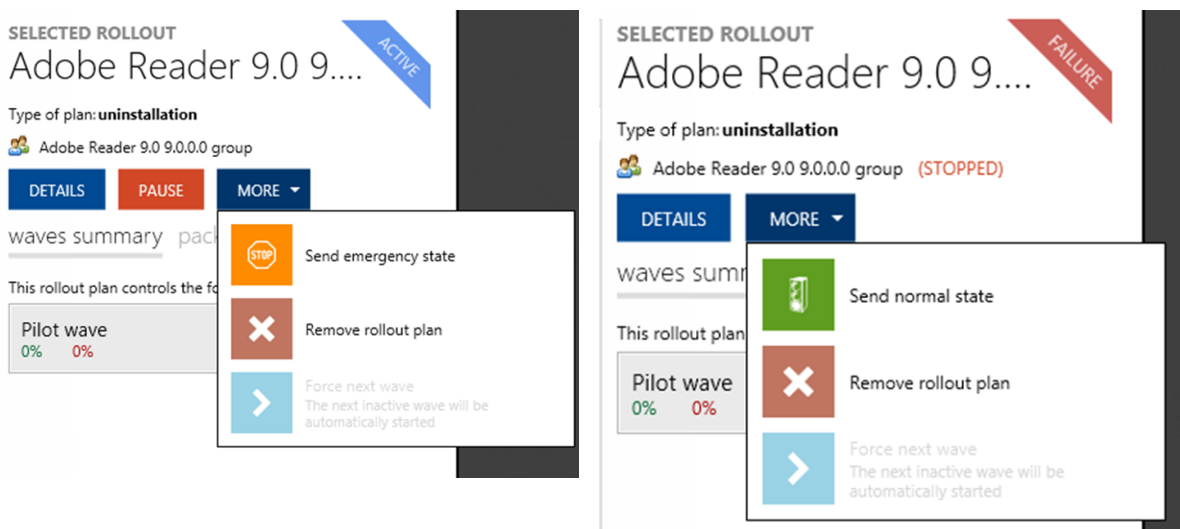
Initially, the Rollout Wave Control feature only allowed the rollout plan to be started and stopped. Now after starting a rollout plan, the users have the ability to play and pause the rollout plan using the **PLAY** and **PAUSE** button; available on the right side-bar.



Possibility to set Normal State to the Machines

Initially, a rollout plan provided the user with the “Send emergency state” option which sent a message to the devices affected by the selected rollout plan, forcing them to stop the rollout.

Rollout plans now provide the user with a “Send normal state” option which sends a message to the affected devices, to restore its normal state and force them to restart the rollout.



Resolved Issues

Resolved Issues with the Rollout Control feature

Upgrade Rollout Plan with the same Packages in Target Groups

When both target groups contain the same package, the Rollout Control no longer focuses on the packages which are not being upgraded, allowing the next wave to be started without analyzing the packages.

Upgrade Rollout Plan with Packages belonging to the same Product Family

In scenarios where packages that belong to the same product family are associated with target groups within the upgrade rollout plan, the Rollout Control no longer analyzes the uninstallation of the package from the first target group. Now upon successful analysis of the installation of the package belonging to the second target group, the next wave is allowed to start.

Distribution of Policies on Force Next Wave

Due to an issue with the Rollout Control, the distribution of policies process was not triggered after the next wave was forced to start through the "Force Next Wave" control. This issue has been resolved.

Upgrade Rollout Plan after RayManageSoft Migration

During our test processes, it was recognized that the Upgrade Rollout Plan was not working as expected when RayManageSoft was migrated from version 10.0 to 10.3. The status of the pilot wave under an upgrade rollout plan was not set to Success on successful completion of the upgrade process (as part of the wave), thus preventing the next wave in the rollout plan to start. This issue is now resolved.

Upgrade Rollout Plan Properties shown on the Side-bar

The side-bar (available on the selection of an upgrade rollout plan) now shows an accurate number of packages belonging to the target group.

Summary Information for Upgrade Rollout Plan Type

An issue related to the interface that caused the information pertaining to the targeted groups not being shown correctly in the **Summary** section during the creation of a new Upgrade Rollout Plan type is no longer an issue.

Selection of Target groups for Upgrade and Uninstallation Rollout Plan Types

New Security Filter groups are synchronized with the ManageSoft database on scheduled policy merges. However, this should not hamper the user's ability to create such a security filtering group and use it as a target

group for upgrade and uninstallation rollout plan types before the security group synchronizes with the ManageSoft database.

Due to an issue, such newly created security groups were only available to be selected as target groups after being synchronized with the ManageSoft database. Now, these security groups are available after their creation.

Analysis of a finished Rollout Plan

Previously, the Rollout Control agent analyzed all rollout plans regardless of their status. This not only utilized the system resources, but also lead to some inaccurate information in the reporting. This has now been corrected and the agent no longer analyzes rollout plans that have a success status.

Resolved Issues with the Bundle feature

Adding Bundle to a Policy

When adding a bundle to a policy, users have the possibility to specify the security filter group for it. The issue with overwriting an existing group is now fixed.

Packaging of Multiple Bundles

An error related to simultaneously packaging multiple bundles has now been rectified.

Distribution Priority

During distribution, a priority value is set for the distribution job. An issue related to the incorrect assignment of the priority value, led to an issue with the deletion of the high priority distribution jobs from the job queue. This issue has now been resolved.

Send Message Wizard

Due to a previous issue, SEND MESSAGE WIZARD was unable to send a message to the selected device(s). The issue has been resolved in this release and SEND MESSAGE WIZARD has been enhanced with three new types of messages.

Creating a Package Revision

An issue relating to “Create a copy” function hindered its user’s ability to create a package revision, unless the minor revision number was either 0 or 9. This has now been rectified.

Adding Dependency to a Package

Package editor, allows its user to add various dependency type’s to a software package. While defining a new dependency, the wizard checks if the required properties for the dependency are provided or not. If not, the OK button is disabled. Due to an interface issue, the OK button was enabled for the Hardware Inventory rule without having an assigned value. The matter is now resolved.

Source Location Validation

When a file resource was added in a package in the previous version of RayManageSoft, the package editor did not validate the provided source location of the file. This caused an error while distributing the package when the source path was not valid. This behavior has been rectified and in this release a source location validation is conducted when a new file resource is added.

OU filtering for Asset Reports

An issue related to the UI hindering filtering to the asset reports, has now been resolved.

Data validation in Distribution Settings Window

Data validation for HTTP Port, HTTPS Port and SOCKS Port fields have been added to the Distribution Settings Window of RayManageSoft *infinity*10.4 Deployment Manager.



















Security Manager

Security Manager protects organizations by automatically monitoring the authoritative sources of patch data for Windows devices. It provides alerts for new patches and streamlines the process of deploying patches to devices across the enterprise. Flexible workflows allow patch deployment to the entire enterprise, specific organizational units or individual users and computers.

New Features in Security Manager

Superseding Status Icons in Bulletin Library

In RayManageSoft *infinity* 10.4 Security Manager, the information pertaining to the superseding status of a bulletin is available as an icon in the Bulletin Library. As seen in the image below, an icon representing the bulletins superseding status is available next to the bulletin's name. The red and grey icon signifies the bulletin superseding status as fully superseded and partially superseded respectively. Bulletins without an icon next to their name signify that the bulletin has not been superseded.

	Name	Title	Status	Test Status	Severity	Last update
▲ Last update: Older						
	 MS99-042	IFRAM...	Posted			04.11.1999
	 MS99-040	Downl...	Posted			12.10.1999
	 MS99-039	Domai...	Posted			30.09.1999
	 MS99-037	Import...	Posted			08.12.1999
	 MS99-035	Set Co...	Posted			10.09.1999
	 MS99-032	scriptle...	Posted			12.10.1999
	 MS99-031	Virtual...	Posted			08.09.1999
	 MS99-029	Malfor...	Posted			16.08.1999
	 MS99-027	Encaps...	Posted			06.08.1999

The Superseding status for a bulletin is allocated based on a value that is computed for each bulletin after the "Update database" action is executed. This computation uses the supersede patch information that is provided for each bulletin.

Required by Environment Status Icon



After the security compliance data is computed on the managed devices and received on the Administration Server, a "Required by Environment" status icon will be displayed in the bulletin library next to the bulletin and its respective patch (in the bulletins properties wizard), when required by at least one device in the environment.

System Requirements

This section describes the compatibility of RayManageSoft 10.4 *infinity* products. If installing any components of RayManageSoft on the same server, the version of that component must also be 10.4 *infinity*.

Hardware Requirements

Basic requirements

For devices running the Deployment Manager Administration Console or the Managed Device Selector

- Minimum screen resolution: 1024 x 768 pixels
- Minimum color settings: 8 bit (256 colors)

Core servers

- Minimum RAM: 2GB
- Recommended RAM: 4GB or higher
- Minimum disk space: 1GB

Reports servers

- Minimum RAM: 2GB
- Recommended RAM: 4GB or higher
- Minimum disk space: 1GB

Data servers

- Minimum RAM: 2GB
- Recommended RAM: 4GB or higher
- Minimum disk space: 1GB
 - Additional 40GB for systems including OS Deployment Manager
 - Additional 30 GB for systems including Security Manager

Site servers

- Minimum RAM: 1GB
- Recommended RAM: 2GB or higher
- Minimum disk space: 100MB

Remote console

- Minimum RAM: 1GB
- Recommended RAM: 2GB or higher
- Minimum disk space: 700MB

Distribution servers

- Minimum RAM: 1GB
- Recommended RAM: 2GB or higher
- Minimum disk space: 1GB
 - Additional 20GB for systems including OS Deployment Manager
 - Additional 30 GB for systems including Security Manager

Managed devices

- Minimum RAM: 512MB
- Recommended RAM: 1GB or higher
- Minimum disk space: 300MB

Prerequisite Software

The table below describes the supported operating systems and software prerequisites of RayManageSoft 10.4 *infinity* at the time of release.

Component	Operating system	Prerequisite software
Core Server	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server¹ • Windows 2008 Server SP1-SP2 • Windows 2008 Server x64 SP1-SP2¹ • Windows 2003 R2 Server³ • Windows 2003 R2 Server x64¹ • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2¹ 	<ul style="list-style-type: none"> • .NET Framework 4.0 • Jre-7u45-windows-i586 x86 • Internet Explorer 7.0 to 10.0 • Microsoft Internet Information Services 6.0 to 8.0 <p style="margin-left: 20px;"><u>For OS Deployment Manager:</u></p> <ul style="list-style-type: none"> • Microsoft Windows Automated Installation Kit (WAIK) with WinPE 3.0 or 3.1 for Windows versions from XP to 7 • Windows Assessment and Deployment Kit (ADK) with WinPE 3.1 or later for Windows 8 • Microsoft Windows Deployment Services (WDS - required only if you intend to use PXE support) • Microsoft Sysprep • Symantec Ghost Corporate Edition 7.5 or 8.0 Ghost Server (required only if Symantec Ghost is to be used for imaging) • Microsoft Excel 2000 or later (required only for asset discovery import from Excel)
Remote Console	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server • Windows 2008 Server SP1-SP2 • Windows 2008 Server x64 SP1-SP2 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 • Windows 8.1 • Windows 8 	<ul style="list-style-type: none"> • .NET Framework 4.0 • Internet Explorer 7.0 to 10.0

	<ul style="list-style-type: none"> • Windows 8 x64 • Windows 7 • Windows 7 x64 • Windows Vista • Windows Vista x64 • Windows XP Professional • Windows XP Professional x64 	
Data Server	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server • Windows 2008 Server SP1-SP2 • Windows 2008 Server x64 SP1-SP2 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 	<ul style="list-style-type: none"> • SQL Server 2005 SP2 to SP4 with Reporting Services³ • SQL Server 2008 with Reporting Services • SQL Server 2008 SP1 with Reporting Services • SQL Server 2008 R2 with Reporting Services • SQL Server 2012 with Reporting Services • SQL Server Tools and Workstation Components 2005, SQL Server 2008, SQL Server 2012 Features: Client Tools Connectivity, Management Tools • .NET Framework 4.0
Reports Server	<ul style="list-style-type: none"> • Windows 2012 R2 Server¹ • Windows 2012 Server¹ • Windows 2008 R2 Server¹ • Windows 2008 Server SP1-SP2 • Windows 2008 Server x64 SP1-SP2¹ • Windows 2003 R2 Server • Windows 2003 R2 Server x64¹ • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2¹ 	<ul style="list-style-type: none"> • .NET Framework 4.0 • Internet Explorer 7.0 to 10.0 • Reporting Services (same release as the database) • Internet Information Services 6.0 to 8.0
Site Server (OS Deployment Manager only)	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server • Windows 2008 Server SP1-SP2 • Windows 2008 Server x64 SP1-SP2 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 	<ul style="list-style-type: none"> • Microsoft Windows Automated Installation Kit (WAIK) with WinPE 3.0 or 3.1 for Windows versions from XP to 7 • Windows Assessment and Deployment Kit (ADK) with WinPE 3.1 or later for Windows 8 • Microsoft Windows Deployment Services (WDS required only if you intend to use PXE support) • Symantec Ghost Corporate Edition 7.5 or

	<ul style="list-style-type: none"> • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 <p><u>Supported, but not recommended:</u></p> <ul style="list-style-type: none"> • Windows 8.1 • Windows 8 • Windows 8 x64 • Windows 7 • Windows 7 x64 • Windows Vista • Windows Vista x64 • Windows XP Professional • Windows XP Professional x64 	<ul style="list-style-type: none"> • 8.0 Ghost Server (required only if Symantec Ghost is to be used for imaging²) • Internet Explorer 7.0 to 10.0
<p>Managed Device</p>	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server Core • Windows 2008 R2 Server • Windows 2008 Server Core • Windows 2008 Server • Windows 2008 Server Core x64 • Windows 2008 Server x64 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 • Windows 8.1 • Windows 8 • Windows 8 x64 • Windows 7 • Windows 7 x64 • Windows Vista • Windows Vista x64 • Windows XP Professional • Windows XP Professional x64 • Windows XP Home 	<ul style="list-style-type: none"> • Internet Explorer 7.0 to 10.0 (Windows platforms only) • Java SE Runtime Environment (build 1.6.0) (Mac OS X 10.7 only)

	<p><u>For Deployment Manager:</u></p> <ul style="list-style-type: none"> • RedHat Linux 8 and 9 • RedHat Enterprise Linux 3, 4, 5, 6, 6.1 • CentOS 4, 5, 6 • Fedora 6 - 11 • SuSE Professional/OpenSuSE 9, 10, 11 • SuSE Enterprise Server (SLES) 9, 10, 11 • Solaris 9, 10, 11 (Intel) • Solaris 8, 9, 10, 11 (SPARC) • Mac OS X 10.3, 10.4, 10.5, 10.6, 10.7 • AIX 5.2, 5.3, 6.1, 7.1 • HP-UX 11.00, 11i, 11i v2, 11i v3 	
<p>Packaging Server</p>	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server • Windows 2008 Server • Windows 2008 Server x64 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 <p><u>Supported, but not recommended:</u></p> <ul style="list-style-type: none"> • Windows 8.1 • Windows 8 • Windows 8 x64 • Windows 7 • Windows 7 x64 • Windows Vista • Windows Vista x64 • Windows XP Professional • Windows XP Professional x64 	<ul style="list-style-type: none"> • .NET Framework 4.0 • Internet Explorer 7.0 to 10.0
<p>Snapshot Wizard</p>	<ul style="list-style-type: none"> • Windows 2012 R2 Server 	

	<ul style="list-style-type: none"> • Windows 2012 Server • Windows 2008 R2 Server • Windows 2008 Server • Windows 2008 Server x64 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 • Windows 8.1 • Windows 8 • Windows 8 x64 • Windows 7 • Windows 7 x64 • Windows Vista • Windows Vista x64 • Windows XP Professional • Windows XP Professional x64 	
<p>Distribution Server</p>	<ul style="list-style-type: none"> • Windows 2012 R2 Server • Windows 2012 Server • Windows 2008 R2 Server Core • Windows 2008 R2 Server • Windows 2008 Server Core • Windows 2008 Server • Windows 2008 Server Core x64 • Windows 2008 Server x64 • Windows 2003 R2 Server • Windows 2003 R2 Server x64 • Windows 2003 Server SP2 • Windows 2003 Server x64 SP2 <p><u>Supported, but not recommended:</u></p> <ul style="list-style-type: none"> • Windows 8.1 • Windows 8 • Windows 8 x64 • Windows 7 	<ul style="list-style-type: none"> • .NET Framework 4.0 • Jre-7u45-windows-i586 x86 • Internet Explorer 7.0 to 10.0

	<ul style="list-style-type: none">• Windows 7 x64• Windows Vista• Windows Vista x64• Windows XP Professional• Windows XP Professional x64	
--	---	--

¹ Requires IIS to run in 32 bit mode

² Please be aware of the fact that there are no intentions to provide ongoing support for later versions of Symantec Ghost.

³ Please be advised that due to its end of life cycle, we are only able to offer limited support for issues pertaining to Microsoft SQL Server 2005 and Windows Server 2003 and its relationship with RayManageSoft *infinity* 10.4.

Compatibility

This section describes the compatibility of RayManageSoft 10.4 *infinity* products. If installing any components of RayManageSoft on the same server, the version of that component must also be 10.4 *infinity*.

Compatible Components

Versions of distribution servers and managed devices that can be managed by Deployment Manager 10.4 *infinity*:

Component	Compatible versions
Deployment Manager for distribution servers	10.x
Deployment Manager for managed devices (Windows)	10.x
Deployment Manager for managed devices (Linux)	10.x
Deployment Manager for managed devices (Solaris)	10.x
Deployment Manager for managed devices (Mac OS X)	10.x
Deployment Manager for managed devices (AIX)	10.x
Deployment Manager for managed devices (HP-UX)	10.x

Versions of distribution servers and managed devices that can be managed by OS Deployment Manager 10.4 *infinity* and Security Manager 10.4 *infinity*:

Component	Compatible versions
Deployment Manager for distribution servers	10.x
Deployment Manager for managed devices (Windows)	10.x

Upgrading from Earlier Releases

The last version before this release was 10.3; therefore, this upgrade path is regarded as the RMS standard upgrade procedure. To upgrade from releases earlier than 10.3, please consult your Raynet support representative.

Please note that the system requirements have changed during the last Deployment Manager releases. Make



sure to meet the system requirements during each step of the migration process to ensure a stable system status at all times.

Additional Information

Visit www.raymanagesoft.com for further information on RayManageSoft, and take a look at the additional resources available at the Knowledge Base: <http://knowledgebase.raymanagesoft.com>.

Raynet is looking forward to receiving your feedback from your RayManageSoft experience. Please contact your Raynet service partner or write an email to support@raynet.de to add your ideas or requirements to the RayManageSoft development roadmap!

RayManageSoft is part of the RaySuite

More information online
www.raynet.de

Raynet GmbH

Technologiepark 20
33100 Paderborn
Germany

T +49 5251 54009-0
F +49 5251 54009-29

General information: info@raynet.de
Product support: support@raynet.de