InstallAnywhere 2025 R1 Release Notes

Originally released July 2025

Introduction

InstallAnywhere is the leading multiplatform installation and container development solution for application producers who need to deliver a professional and consistent installation experience for physical, virtual, and cloud environments as well as container deployments.

New Features in InstallAnywhere 2025 R1

InstallAnywhere 2025 R1 includes the following new feature:

● Support for macOS Universal Binaries

Support for macOS Universal Binaries

Previously, InstallAnywhere was compiled only for x64 Intel architectures. On macOS systems, powered by the Apple Silicon (Arm64/AArch64) architectures, InstallAnywhere relied on Rosetta—Apple's translation layer—to emulate x64 Intel environments. This emulation sometimes results in reduced performance, application hangs, and compatibility limitations on macOS platforms.

Starting with this release, InstallAnywhere is compiled as a Universal Binary. A Universal Binary includes executable code for both Intel x64 and Apple Silicon (Arm64/AArch64) architectures into a single package. This enhancement enables InstallAnywhere to operate natively on both Intel-based and Apple Silicon-based systems, ensuring optimal performance and full compatibility across all supported macOS platforms.

Note ▪ *This change was tracked in IA-21903.*

Enhancements in InstallAnywhere 2025 R1

This section lists enhancements that were included in InstallAnywhere 2025 R1:

● Ability to Prevent Splitting of resource.zip in CD-ROM/DVD Installer Directory

● New Variable to Customize Response File Directory

● Ability to Display Product's Custom Short Name in Install, Uninstall, and Maintenance Mode Panels

● Updates for Latest Value of SDKROOT and MACOSX_DEPLOYMENT_TARGET

● Restrict Installer from Running on Platform Different from Build Target Platform

● Ability to Prompt User to Re-enter Password in Get Password Console

Ability to Prevent Splitting of resource.zip in CD-ROM/DVD Installer Directory

Previously, users were unable to prevent the splitting of the `resource.zip` file into multiple `.zip` files (for instance, `resource1.part2zip` and `resource1.zip`) in the CD-ROM/DVD Installer directory when creating a CD-ROM/DVD installer exceeding 1073741824 bytes (1 GB) in size.

InstallAnywhere 2025 R1 allows you to prevent the splitting of the `resource.zip` file in the CD-ROM/DVD installer directory when creating a CD-ROM/DVD installer that exceeds 1073741824 bytes (1 GB) in size. This enhancement enables you to set the `designer.build.zip.size.limit` property to a desired value in the `com.zerog.ia.Designer.properties` file.

To prevent splitting, the value set to this property must be greater than the CD-ROM/DVD installer size, you want to create.

By default, the `designer.build.zip.size.limit` property in the `com.zerog.ia.Designer.properties` file is set to a value of 1073741824 bytes (1 GB), which causes the `resource.zip` file to be split into multiple `.zip` files if the CD-ROM/DVD installer exceeds this size.

Note ▪ To effectively set the `designer.build.zip.size.limit` property to the required value, ensure that InstallAnywhere is not running on the same machine.

Note ▪ This change was tracked in IA-22145.

New Variable to Customize Response File Directory

InstallAnywhere 2025 R1 introduces a new standard InstallAnywhere variable, *$IA_CUSTOM_RESPONSE_FILE_PATH$*. This variable allows you to generate the response file in a custom or user-defined directory during installer installation.

To customize the directory where the response file must be generated, define the *$IA_CUSTOM_RESPONSE_FILE_PATH$* variable using either the **Set InstallAnywhere Variable – Single Variable** or **Set InstallAnywhere Variable – Multiple Variables** action within the **Pre-Install**, **Install**, or **Post-Install** views on the **Sequence** page.

By default, InstallAnywhere generates the response file in the same directory as the project's installer during build time.

This enhancement provides flexibility in managing the directory where the response file is generated during build time.

Note ▪ Consider the following information while using the $IA_CUSTOM_RESPONSE_FILE_PATH$ variable:

- *To effectively use the $IA_CUSTOM_RESPONSE_FILE_PATH$ variable, ensure that the **Always Generate Response File** setting in the **Project Information** area on the **General Settings** view is set to **Yes**.*
- *If the response file location is specified by using the -r command-line option (e.g., `installer.exe -r C:\Logs\custom.properties`), this will override the directory defined by the $IA_CUSTOM_RESPONSE_FILE_PATH$ variable.*

Note ▪ This change was tracked in IA-22060.

Ability to Display Product's Custom Short Name in Install, Uninstall, and Maintenance Mode Panels

InstallAnywhere 2025 R1 introduces a new standard InstallAnywhere variable, *$PRODUCT_SHORT_NAME$*, which allows you to display a desired or custom short name for your product in the Install, Uninstall, and Maintenance Mode panels during installation, uninstallation, and maintenance mode, respectively.

To configure this behavior, define the *$PRODUCT_SHORT_NAME$* variable using either the **Set InstallAnywhere Variable – Single Variable** or **Set InstallAnywhere Variable – Multiple Variables** action only within the **Pre-Install** view on the **Sequence** page.

Note ▪ If the $PRODUCT_SHORT_NAME$ variable is not configured, InstallAnywhere displays the product's default name in the Install, Uninstall, and Maintenance Mode panels during installation, uninstallation, and maintenance mode, respectively.

Note ▪ This change was tracked in IA-22143.

Updates for Latest Value of SDKROOT and MACOSX_DEPLOYMENT_TARGET

In InstallAnywhere 2025 R1, the *SDKROOT* environment variable has been updated to its latest appropriate value to ensure that the native components are compiled using the latest macOS SDK path.

Additionally, to update the *MACOSX_DEPLOYMENT_TARGET* environment variable's value in the `project.pbxproj` file, a script has been included in the `designer/resource/nativetools/macosx/ht-signer/update_xcode_deployment_target.sh` directory. You can edit this script to specify an appropriate value for the *MACOSX_DEPLOYMENT_TARGET* environment variable and then execute it. This execution automatically sets or updates the corresponding value for the *MACOSX_DEPLOYMENT_TARGET* environment variable in the `project.pbxproj` file and helps maintain compatibility of the native components with the latest supported minimum macOS version.

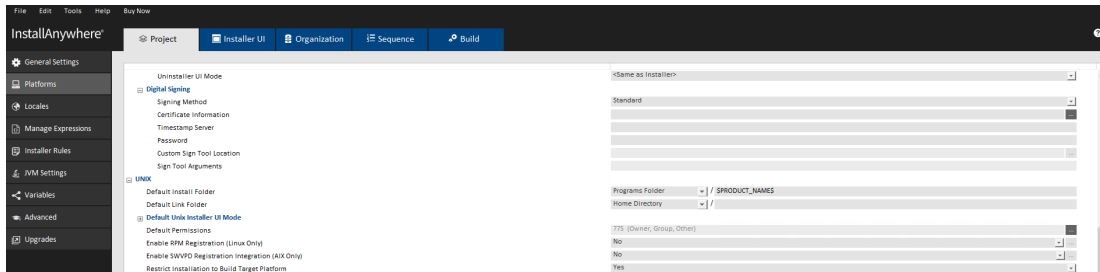*Note ▪ This change was tracked in IA-22167.*

Restrict Installer from Running on Platform Different from Build Target Platform

Previously, an InstallAnywhere installer that was built only for a specific UNIX platform could also run on other compatible target platforms. For instance, an installer built for the AIX platform could also run on Linux, as long as compatibility was maintained.

In InstallAnywhere 2025 R1, a new setting named **Restrict Installation to Build Target Platform** has been introduced in the **UNIX** area of the **Project** page in the **Platforms** view. The **Restrict Installation to Build Target Platform** setting allows you to specify whether you want to restrict or prevent the installer from running on a platform different from the one it was originally built for. The following are the available options:

- **Yes**—Selecting this option allows the installer to run only on the specific target platform for which it was built. If executed on different platform, even if compatible, the installer will exit the installation with an appropriate error message.

- **No**—Selecting this option allows the installer to run on any compatible target platform, regardless of the specific platform it was originally built for. By default, this setting is set to **No**.

The following shows the **Restrict Installation to Build Target Platform** setting with the **Yes** option selected, in the **UNIX** area of the **Project** page:

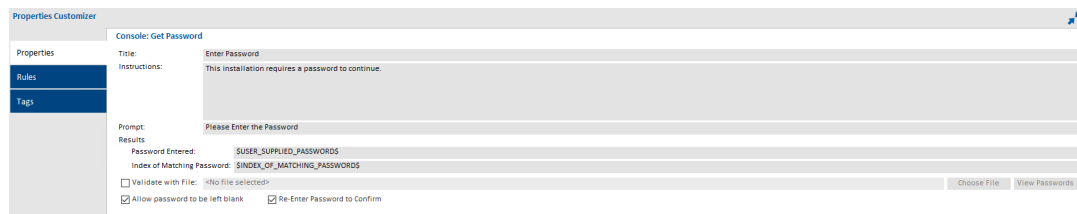
Note ▪ This change was tracked in IA-21392.

Ability to Prompt User to Re-enter Password in Get Password Console

Previously, the Get Password console action did not provide an option to prompt users to confirm their password by re-entering it during installation.

In InstallAnyhere 2025 R1, a new check box labeled **Re-Enter Password to Confirm** has been introduced in the Get Password action customizer on the **Properties** tab. When this check box is selected, users are prompted to re-enter the password after their initial entry in the Get Password console during installation. The installer compares both entries to ensure they match before proceeding. This enhancement helps to prevent typing errors and improve installation reliability.

By default, the check box labeled **Re-Enter Password to Confirm** is cleared.

The following displays the check box labeled **Re-Enter Password to Confirm** selected in the Get Password action customizer on the **Properties** tab:

Note ▪ This change was tracked in IA-21105.

Important Information

Note the following important information regarding InstallAnywhere 2025:

- Evaluating InstallAnywhere
- Obtaining the Installation and License Files for InstallAnywhere

Evaluating InstallAnywhere

Note that if you have not purchased a license for InstallAnywhere, you can install it and use it for a limited number of days without setting up the licensing. When you are using InstallAnywhere in this scenario, it operates in evaluation mode. The licensing wizard that InstallAnywhere displays whenever you launch InstallAnywhere in evaluation mode shows you how many days are left in the evaluation period. If you do not set up the licensing within the evaluation period, InstallAnywhere stops working when the evaluation period ends. You can set up licensing at any time before or after the evaluation period ends.

When you use InstallAnywhere in evaluation mode, there is a time limit for running installers that it creates. If you build an installer in the evaluation version of InstallAnywhere, your installer will stop working after 3 days.

Obtaining the Installation and License Files for InstallAnywhere

You can obtain the installation and license files for InstallAnywhere through the Revenera Product and License Center. For instructions, see the Download and licensing instructions for InstallAnywhere. If you purchased concurrent licenses of InstallAnywhere, the license server software is also available for download from that same site.

Resolved Issues

This section lists the customer issues that were resolved in the following version of InstallAnywhere 2025:

- InstallAnywhere 2025 R1

InstallAnywhere 2025 R1

The following issues have been fixed in InstallAnywhere 2025 R1:

Issue Number	Issue Summary
IA-22122	Launching an InstallAnywhere installer with the 21.0.6 JDK on the Windows Server 2025 platform led to the display of the following exception: `Windows DLL failed to load` This issue has been fixed.
IA-22118	Building an InstallAnywhere installer using the Oracle 21.0.2 VM led the **License Agreement** panel to appear larger at runtime than in the build-time preview. This issue has been fixed.
IA-22109	A failure was observed when executing the ExtractToFile plug-in action with a username ending in an exclamation mark. This issue has been fixed
IA-22071	An installer's upgrade was restarted—initially executed in silent mode—during uninstallation of a previous instance. This issue has been fixed.
IA-22070	When performing an upgrade in silent mode, the installer failed to upgrade the instance specified by the *USER_INSTALL_DIR* variable value in the response file. This issue has been fixed.
IA-21975	A failure was observed when launching maintenance mode with pure Java installers on the IBM i (formerly OS/400) machines to add features. This issue has been fixed.
IA-22048	A build failure was observed when including two specific JAR files as dependencies of an Execute Custom Code action with multiple build targets configured. This issue has been fixed.
IA-22156	An installation failure was observed on Windows Server 2022 with the following error message, despite adequate available disk space: `There is not enough free disk space in the temporary folder.` This issue has been fixed.
IA-22181	On Windows Server 2019, when attempting to extract multiple 7-Zip archive files, only the first archive file was extracted while the subsequent archive files failed to extract. This issue has been fixed.
IA-22200	The files extracted to the `temp` folder during an installation were prematurely deleted before the completion of the installation process. This issue has been fixed.

Issue Number	Issue Summary
IA-22023	Encountering the `Exception in thread "installer" java.lang.OutOfMemoryError: Java heap space` exception in user interface mode caused an installer to hang or become unresponsive. This issue has been fixed.

System Requirements

The following are the system requirements for InstallAnywhere 2025:

- Requirements for Systems that are Running InstallAnywhere (Authoring Environment)
- Requirements for Target Systems (Installer Run-Time Environment)
- Supported Java Virtual Machines

Requirements for Systems that are Running InstallAnywhere (Authoring Environment)

RAM

256 MB; 512 MB preferred

Hard Disk Free Space

700 MB

Color

High color (16-bit color depth)

Resolution

Minimum 1200 x 800

Operating System

InstallAnywhere runs on the latest versions of these operating systems, fully updated with the most recent patches and service packs.

Operating System	Supported Versions
Windows	- Windows 11 - Windows 10 - Windows Server 2012 R2, 2016, 2019, 2022, and 2025 - Windows 7 and 8.1 (x86 and x64)

Operating System	Supported Versions
Apple	- macOS Sequoia (15) with Oracle and Amazon Corretto Java 11.0.27+ - macOS Sonoma (14) with Oracle and Amazon Corretto Java 11.0.27+ - macOS Ventura (13) with Oracle and Amazon Corretto Java 11.0.27+ - macOS Ventura (13) with Oracle and Amazon Corretto Java 11.0.27+ on Apple M1 - macOS Monterey (12) with Oracle and Amazon Corretto Java 11.0.7+ on Apple M1 - macOS Big Sur (11) with Oracle and Amazon Corretto Java 11.0.7+ - macOS Big Sur (11) with Oracle and Amazon Corretto Java 11.0.7+ on Apple M1
Linux	- Red Hat Enterprise Linux 7.9, 8 (x64), 8.3, 8.4, 8.5, 8.6, 8.7, 9.0, 9.1, 9.3, 9.4, and 10 - OpenSUSE Leap 42.3 (x64) and 15.6 - OpenSUSE Linux 15.3, 15.4, and 15.6 - SUSE Linux Enterprise 15 - Linux PPC 64-bit (build time only) only with Java 11 - Ubuntu 21.4, 22.04, 22.10, 23.10, and 24 - Fedora 34, 36, 37, 39, 40, and 42 - CentOS Stream 9.0 *Note • When you install InstallAnywhere on a Linux system, the installation attempts to create a symbolic link to the default Linux loader (/lib/ld-linux.so.2) if a link with the same name is not already present. The symbolic link is necessary for the host ID to be displayed on the Host ID dialog, and it is also necessary for successful node-locked licensing. The link is present on systems that are Linux Standard Base (LSB) 3 compliant, but it may not be present on systems that are not LSB compliant. For more information, see Knowledge Base article Q209204.*

Installers can be built from any supported authoring platform for any other supported target platform or language. Localizations for 32 languages are included.

Note • InstallAnywhere installers no longer distrubute Java 8. InstallAnywhere 2024 and later supports only Java 11 and later versions. The JAR files in Java 8, usually present in the `jre/lib/` and `jre/lib/ext/` directories, are also not distributed with Java 11 and later versions, therefore these files will be unavailable.

Requirements for Target Systems (Installer Run-Time Environment)

RAM

64 MB

Color

High color (16-bit color depth)

Resolution

Minimum 640 x 480

Operating System

Installers run on any version of these operating systems, as long as the operating system supports Java 11, 17, or 21. InstallAnywhere-generated installers are not supported on beta versions or on early-access releases unless they are explicitly mentioned.

Operating System	Supported Versions
Windows	- Windows 11 - Windows 11 ARM64 (AARCH64) - Windows 10 - Windows Server 2012 R2, 2016, 2019, 2022, and 2025 - Windows 7 and 8.1 (x86 and x64) *Note ▪ Windows-based target systems must also support the SSE2 instruction set.*

Operating System	Supported Versions
Apple	• macOS Sequoia (15) with Oracle and Amazon Corretto Java 11.0.27+
	• macOS Sonoma (14) with Oracle and Amazon Corretto Java 11.0.27+
	• macOS Ventura (13) with Oracle and Amazon Corretto Java 11.0.27+
	• macOS Ventura (13) with Oracle and Amazon Corretto Java 11.0.27+ on Apple M1
	• macOS Monterey (12) with Oracle and Amazon Corretto Java 11.0.7+, Java 17 on Apple M1
	• macOS Big Sur (11) with Oracle and Amazon Corretto Java 11.0.7+, Java 17
	• macOS Big Sur (11) with Oracle and Amazon Corretto Java 11.0.7+, Java 17 on Apple M1
	• macOS Catalina (10.15) with Oracle Java 11.0.7+
	• macOS Mojave (10.14) with Oracle Java 11.0.7+
Linux	• CentOS Stream 9.0 and CentOS Stream 9 ARM64 (AARCH64)
	• Red Hat Enterprise Linux 7.9, 8 (x64), 8.3, 8.4, 8.5, 8.6, 8.7, 9.0, 9.1, 9.3, 9.4, and 10
	• Red Hat Enterprise Linux 7.2 and 8 for PowerPC (little endian)
	• Red Hat Linux 7.1 and 8 for PowerPC (little endian - silent and console mode only)
	• OpenSUSE Linux 15.3, 15.4, and 15.6
	• Oracle Linux 8.5, 9, 9.3, 9.4, and 10
	• SUSE Linux Enterprise 15
	• Ubuntu 21.4, 22.04, 22.10, 23.10, and 24.04
	• Fedora 34, 36, 37, 39, 40, and 42
Solaris	• Solaris 11 (x86 and SPARC)
	• Solaris 9, 10 (x86, SPARC, and AMD-64)
	• HP-UX
HP-UX	• HP-UX 11i (Itanium 2 and PA-RISC)
AIX	• AIX 7.1, 7.2, and 7.3 (Power/PowerPC)
IBM	• i5/OS (OS/400) on System i - V5R3 and V5R4 (Enterprise Edition only), IBM i 6.1, and IBM i 7.1
	• z/OS

Operating System	Supported Versions
Other	- FreeBSD - Other Linux and UNIX operating systems (POSIX-compliant shell required)

Note ▪ InstallAnywhere installers no longer distrubute Java 8. InstallAnywhere 2024 and later supports only Java 11 and later versions. The JAR files in Java 8, usually present in the `jre/lib/` and `jre/lib/ext/` directories, are also not distributed with Java 11 and later versions, therefore these files will be unavailable.

Supported Java Virtual Machines

InstallAnywhere supports the following Java virtual machines:

Manufacturer	Supported Versions
IBM	11, 17, 21, and 24
HP	11.0.2
Sun/Oracle	11, 11.0.7, 12, 14.0.1, 15, 17, 18, 19, 20, 21, and 24
OpenJDK	11, 11.0.7, 12, 14.0.1, 15, 17, 18, 19, 20, 21, and 24
Amazon Corretto	11, 11.0.7, 15, 17, 18, 19, 20, 21, and 24
Adoptium/AdoptOpenJDK	11.0.7, 15, 16, 17, 21, and 24
Azul Platform Core JRE	11, 17, 18, 19, 20, 21, and 24

The InstallAnywhere installer installs OpenJDK11.0.27. Any Java virtual machine can be bundled with an installer ensuring that the target system meets the minimum requirements for both the installers and your applications. To download additional JRE VM packs, visit https://www.revenera.com/install/products/installanywhere/installanywhere-files-utilities.html and click the VM Packs option.

InstallAnywhere-generated installers are not supported on beta versions or on early-access releases of Java.

InstallAnywhere installers no longer distribute Java 8. InstallAnywhere 2024 supports only Java 11 and later versions. The JAR files in Java 8, usually present in the `jre/lib/` and `jre/lib/ext/` directories, are also not distributed with Java 11 and later versions, therefore these files will be unavailable.

Known Issues

There is no known issue in InstallAnywhere 2025.

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