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TRIPsystem

Release notes

Version 8.4-6
UNIX and Windows

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About

This document details the new release for TRIPsystem version 8.4-6 for all supported platforms.

Supported Platforms

TRIPsystem can be installed on the following platforms:

- Windows (x86-64) 11, Server 2022
- Linux (x86-64) on version 9.x of RedHat Enterprise Linux, or the binary compatible distributions AlmaLinux or Oracle Linux. The recommended version is 9.7 for all of these.
- Linux (x86-64) on version 10.x of RedHat Enterprise Linux, or the binary compatible distributions AlmaLinux or Oracle Linux. The recommended version is 10.1 for all of these.
- Oracle Solaris (SPARC) version 11.4

Prerequisite Software

The following software must be installed on the operating system before TRIPsystem can be successfully installed. The installation script checks for the presence of the prerequisites before proceeding with the installation proper. On Linux and Solaris, the script “dependencies” that can be found in the `sbin` directory can also be used to perform a separate check for these prerequisites.

All Unix platforms:

- awk
- bash
- file
- libstdc++
- sed

Linux:

- binutils
- dmidecode
- expat
- libicu
- ncurses
- psmisc
- procps
- openssl, version 3.0 or later
- zlib
- Optional: OpenLDAP

Solaris:

- Optional: OpenLDAP

Windows:

- Microsoft.NET Framework 4.6.2 (required by the installation program)

TRIP Product Requirements

It is strongly recommended that any TRIP server-side TRIP products are also upgraded when an upgrade to TRIPsystem 8.4 is performed.

The following list specifies the minimum required versions:

- TRIPcof 1.7-2
- TRIPhighway 3.5-14

Older versions of the products listed above cannot be installed successfully with this version of TRIP, nor can they continue to execute reliably if not upgraded. The recommended procedure is to perform the upgrade of these products before upgrading TRIPsystem.

The following list specifies TRIP products for which older versions will continue to work, but an upgrade will be beneficial. The recommended versions are:

- TRIPmanager 8.4-0
- TRIPjxp 8.4-1
- TRIPnpx 8.4-1

The following list specifies TRIP products with reduced support. Please ask your TRIP distributor for advice if you run any of these.

- TRIPclient
- TRIPjtk
- TRIPview
- TRIPviewC

The following list specifies TRIP products whose functionality that have been integrated into TRIPsystem and therefore are no longer supported as add-on installations (although they still need to be included in the license in order to be used):

- TRIPxml
- TRIPsql

Performing an upgrade of a TRIPsystem installation will disable the old versions of TRIPxml and TRIPsql.

Mitigated Vulnerabilities

The RHEL 9 based Docker image for this version of TRIPsystem implements mitigations for the following vulnerabilities in the RedHat Enterprise Linux base image.

- **CVE-2025-8941:** This CVE involves the pam_namespace module. Mitigated by configuring PAM in the TRIP Docker image to not load this module. The issue is further alleviated by the fact that a TRIP Docker container is an environment where only a single non-root user operates.

Documentation

TRIPsystem documentation is available in a separately downloadable ZIP archive, and also included in the installer for Windows.

The reference documentation for the server-side C API (TRIPtoolkit, a.k.a. TRIPapi) is available as an HTML based documentation set in the file toolkit_reference_manual.zip. To use, unzip the file into a directory of your choosing and open the file index.html in a web browser.

Change History

The list of new features and fixed issues that used to be part of the release notes are now found in a separate Change History document. There is one Change History document per major release of TRIP.

See also the document TRIP8 New Features (TRIP8_New_Features.pdf).