TMPropagator

Release 3.5

Release Note

31st May, 2023

Document Signature Table

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1 SCOPE

The document is the release note accompanying release 3.5 of the TMPropagator. This is a major release which fixes a number of JIRA issues.

2 ISSUES FIXED BY THIS RELEASE

The following JIRA issues are considered fixed by this release;

TMPROP-335   [MTG/AR/4521] TM Propagator server v 3.3.0.2 died on MTG OPE

TMPROP-381   [MuMi/AR/5463] Display Editor filter by 'short description' is missing

TMPROP-393   [SSI/AR/688] OPS DMZ - Critical finding for .Net over HTTP on TM Propagator systems 193.17.10.67-70, 73-75

TMPROP-397   [MTG/AR/6042] TMProp: MTG high memory usage on MMETMPBSCCSV02

TMPROP-404   [JasonCS/AR/2544] TMProp: S6 high memory usage on MMEOPETMTS52

TMPROP-420   Parameters recording file names should include stream name

TMPROP-421   TM Propagator 3.5.0 - NCR Fixes

TMPROP-428   Minor improvements to time reference stream selection - update 2

TMPROP-429   Auto Refresh option of the Log Viewer is not working

TMPROP-444   Roles of first user are deleted every time the User Database is edited

TMPROP-445   TC History verification field

TMPROP-456   TMProp portable client does not work if file satmon.exe.config is missing

3 ISSUES STILL OPEN AFTER THIS RELEASE

TMPROP-248   TCH display: cannot sort or navigate by execution time

TMPROP-289   Mission Selection on start up

TMPROP-388   [MTG/AR/5805] TMProp MTG: server gets no data

4 IMPROVEMENTS AND NEW FEATURES UNRELATED TO NON-CONFORMANCES

4.1 New Features Implemented as a Result of CN12

None

4.2   Other New Features

None.

5   INSTALLATION INSTRUCTIONS

Please see the document *Configuration Manual for Gateway, Server and Dev Machine* for full installation instructions

The logging level specified in the logging.config.xml file in the config directory of both Gateway and Server is no longer used. The log level is now set via the GUI and the setting is stored in the normal gateway and server config files. Nonetheless, the logging.config.xml files are still required for other logging settings.

This release has been compiled for the .Net Framework 4.8, and may require this to be installed on the target machines. However, most recent versions of Windows already have this pre-installed.

6   COMPATIBILITY TO PREVIOUS VERSIONS

Due to a change in the technology used for the client server interface, neither the client nor the server are compatible with previous versions, so the client included in this release must be deployed together with the new server.

The Gateway to Server interface has not changed, but it is still recommended to deploy the new Gateway version.

7   SYSTEM REQUIREMENTS

7.1.1   Operating System

The TMPropagator Gateway and Server require Windows Server 2019 or higher as the operating system.

For the clients, Windows 10 or higher is required.

7.1.2   .NET Framework 4.8

All machines where any module of the TMPropagator software is installed requires the .NET Framework 4.8 (or higher) as a prerequisite.

Download and install the latest Microsoft .NET Framework version (4.8 at time of writing) for the machines operating system from the Microsoft web site. It is not necessary, or desirable, to uninstall the previous .Net versions first. This step might not be necessary if .NET 4.8 or higher is already installed. This can be verified by following the procedure given here;

https://docs.microsoft.com/en-us/dotnet/framework/migration-guide/how-to-determine-which-versions-are-installed

7.1.3 Hardware

A minimum of 8 GB memory is recommended for the Gateway and Server machines. This should be increased if many projects are to share the same hardware.

The disk usage depends almost entirely on the telemetry data rate and the desired length of archive. It is suggested to compare the anticipated data rates and archive duration of new projects to older projects when estimating disk space requirements.

The new stream types have also been found to generate considerable quantities of data which increases the size of the archive.

For the clients, any modern PC hardware should be sufficient. A minimum 4 GB memory is recommended.