TMPropagator

Release 3.3.2

Release Note

3rd December, 2021

	EUMETSAT TMPropagator	Doc. No.: HA.EPS.ORSF.RN.033
		Issue: 1.0
		Date: 3rd December, 2021

Document Signature Table

	Name	Signature	Date
Prepared by	C. Peat	C. Peat	3rd December, 2021
Approved by	C. Peat	C. Peat	3rd December, 2021

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1 SCOPE

The document is the release note accompanying release 3.3.2 of the TMPropagator.

2 ISSUES FIXED BY THIS RELEASE

The following JIRA issues are considered fixed by this release;

TMPROP-299   TM Propagator 3.3.2 - NCR Fixes

TMPROP-302   TM Propagator: playback control crashes on empty entity

TMPROP-307   TM Propagator 3.3.1.2: TC History view not working

TMPROP-310   TM Propagator 3.3.1.2: problems with filter for new streams

TMPROP-313   Crash of display

3 ISSUES STILL OPEN AFTER THIS RELEASE

TMPROP-216   TMProp v3: gateway performance decrease

TMPROP-305   TM Propagator 3.3.1.2: Variable Packets do not display the latest values (waiting for inputs)

TMPROP-306   TM Propagator 3.3.1.2: Could not log received variable packets (could not reproduce)

TMPROP-308   TmPropagator GW crash for TCH stream upon reception of TC with raw binary parameter (waiting for inputs)

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

TC History source simulator updated to generate commands with sequential source sequence counter (SSC) to ensure no commands are missing on client or in archive.

5   INSTALLATION INSTRUCTIONS

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

6   COMPATIBILITY TO PREVIOUS VERSIONS

The client/server compatibility number has not been increased, so this client and server can be used interchangeably with the previous version. The archive file version number has been increased, but the archive files produced with previous versions of the server can still be read by this version, but not vice versa.

There are no changes in the user interfaces of Gateway, Server or Client.

7   SYSTEM REQUIREMENTS

7.1.1   Operating System

The TMPropagator Gateway and Server require Windows Server 2008 R2 or higher as the operating system.

For the clients, Windows 7 or higher is required.

7.1.2   .NET Framework 4.6

All machines where any module of the TMPropagator software is installed requires the .NET Framework 4.6 (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 <u>not</u> necessary, or desirable, to uninstall the previous .Net versions first. This step might not be necessary if .NET 4.6 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.