

What's New in Analytics

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Release Highlights

Analytics

Secure Connection » Secure Schema Registry

Currently, TDH uses an unsecured connection to interact with the Schema Registry to fetch the schema details. This enhancement allows a user to establish a Secure Schema Registry connection.

If the user configures an HTTPS listener, the system requires several additional configurations for Schema Registry. This includes configuring the appropriate SSL configurations for the Keystore and Truststore (optional) for the Schema Registry cluster.

To support a Secured Schema Registry,

- Provide the user interface to update the Secured Schema Registry credentials (SSL/TLS).
- Configure the DES server with the Secured Schema Registry connection credentials.
- By default, the Secure Schema Registry is set as None. Based on the requirement, the user can set the Secure Schema Registry as SSL/TLS.
- Enhance the authorization to save the credentials in the database.
- Secured Schema Registry Truststore and Keystore password should be:
 - Encrypted before saving
 - Decrypted while retrieving.

Click [here](#) to understand the installation and configuration updates for this enhancement.

The topic related to this feature is given below:

[Secure Schema Registry](#)

Transact Data Hub » Establishing IRIS SSL Connection

Temenos Data Hub is now enhanced to establish an SSL connection with IRIS to perform all functionalities. The following feature modifications are a part of the enhancement:

- The user interface is updated with the SSL IRIS connection
- Supports the ability to configure any DES server through SSL-enabled IRIS connection with SSL certificate details
- The authorization is enhanced to enable the saving of SSL certificates, names, and passwords in the database
- Supports the encryption of SSL IRIS passwords before saving, and the decryption of the same while retrieving
- SSL certificates are saved in the uploads folder in TDH
- The user interface is configured to display a warning message if incorrect credentials or password is provided while connecting to the SSL IRIS
- The user interface is configured to display a warning message if there is a mismatch between the certificate name input and the certificate uploaded under the security properties

The topic related to this feature is given below:

[Secured IRIS](#)

Transact Data Hub » Curated Data Events in ODS

Temenos Data Hub (TDH) provides a stream of well-modelled Curated Data Events that are independent of the Transact data model and underwent all the necessary analysis and quality checks before publishing. This helps the user to avoid using relational databases as the source of change detection which

reduces the infrastructure footprint and the operational costs.

The topic related to this feature is given below:

[Curated Data Events in ODS](#)

AWS Installation » Implementing KCL Library in Temenos Data Hub

Temenos Data Hub uses KCL library to read records from Amazon Kinesis. The Kinesis and S3 can be configured with or without credentials. If configured with credential, then kinesis and s3 read and write process uses the provided credentials. If configured without credential, TDE checks for InstanceProfile from the system and retrieves the required credentials from an instance.

The topic related to this feature is given below:

[Implementing KCL Library in Temenos Data Hub](#)

Installation and Configuration Notes

Analytics

Secure Connection » Secure Schema Registry

Ensure the following:

- Schema Registry with a secured environment must be set up.
- TDE must be up and running.