



Let's Solve



A Larsen & Toubro
Group Company

Accelerated Migration: SAP HANA to Snowflake with LTI Canvas PolarSled

In a bid to stay resilient and relevant, enterprises across the globe are emphasizing on the need to have flexibility, scale and cost-efficiency. It will not only help them strengthen their data transformation journey, but also empower their future business use cases at a fraction of cost.

About LTI Canvas PolarSled

To facilitate this change of adoption from SAP to Snowflake, LTI's Canvas PolarSled framework helps in this complex journey of moving SAP (analytical, attribute and calculated views and database table) to Snowflake. This framework addresses the core challenges of designing, accelerating and governing your data transformation journey, using the pre-built utilities like:



SmartAnalyzer for SAP HANA

This tool does landscape analysis and provides insights on the inventory of SAP HANA. It extracts the various database objects and provides insights on complexity of views, stored procedures, etc.

Benefits:

SmartAnalyzer tool reduces the analysis time up to 60%.



TableShift for SAP HANA

This tool migrates table definition from SAP HANA to Snowflake. Source DDLs are converted to Snowflake DDLs. This tool automatically maps datatypes with Snowflake compatible datatypes.

Benefits:

TableShift tool reduces the migration time from weeks to minutes, with 100% accuracy.

Case Study: For a multinational conglomerate, TableShift was leveraged to convert 100+ table DDLs within 15 minutes, with 100% accuracy and without any manual intervention.



ViewShift for SAP HANA

This tool migrates the views from SAP HANA, which are in the form of XMLs to Snowflake DDLs.

It automatically maps compatible functions with extensible framework to add new functions.

Benefits:

ViewShift tool reduces the migration time from weeks to minutes with 70-80% accuracy.

Case Study: For a multinational conglomerate, 90+ views were provided, which includes Attribute Views, Analytical views and Calculation Views. ViewShift was able to convert these view XMLs within 30 minutes, and with 70% accuracy.



CloudUpload for SAP HANA

This tool migrates historical data from SAP HANA to Snowflake. The source data is provided in the form of flat files. This tool encrypts and compresses the data before migration.

Benefits:

CloudUpload tool loads the data in parallel, reducing the migration time from days to hours.



CloudProc for SAP HANA

This tool migrates the SAP HANA SQL-based stored procedures to Snowflake JavaScript-based stored procedures. It automatically maps the syntax SQL-based stored procedures to JavaScript-based stored procedures.

Benefits:

CloudProc tool reduces the migration time from weeks to minutes with 60-70% accuracy.

Case Study: For a multinational conglomerate, 40+ stored procedures with complexity level of medium to complex were provided. CloudProc was able to convert these stored procedures within 20 minutes, with 65% accuracy.

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 400 clients succeed in a converging world. With operations in 31 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.Ltinfotech.com> or follow us at [@LTI_Global](https://twitter.com/LTI_Global)