



Cognizant® Cloud Modernization Accelerator – IDQ to CDQ

An Informatica® powered accelerator to fast-track your On-Premise IDQ to CDQ Modernization journey

Informatica and Cognizant: A winning partnership

Cognizant is a Top Premier Global SI partner of Informatica since 2005 and has won multiple Best SI and Global SI awards, Innovation awards etc. consistently over the years. Cognizant has made strategic investments in the partnership over time and leveraged the leading Informatica market products for creating plug-and-play solution accelerators for specific use cases, leveraging our deep domain and technical expertise. As part of the collaboration initiative with Informatica for GTM strategy, Cognizant has developed a Modernization Accelerator for IDQ to CDQ modernization projects, which enables faster and automated migration of business and technical metadata providing significant cost benefits and rapid deployment by reducing overall modernization journey time significantly.

Challenges faced during Data Quality Modernization Journey (IDQ to CDQ)

Most of the clients want to migrate their On-Premise IDQ systems to Cloud based CDQ but it is not a lift and shift migration process. All the migration activities like Assessment, Extraction, Migration and Validation are to be done manually.



Significant differences in design, architecture, and technology between on-premise and cloud tool stacks lead to data compatibility issues and transformation complexity.



Limited public APIs allow only partial asset ingestion into CDQ.



Conversion of IDQ's native format to a CDQ-recognizable format is time-consuming and resource-intensive.



Manual post-migration validation presents a considerable challenge.

Introducing Cognizant® Cloud Modernization Accelerator – IDQ to CDQ

The **Cognizant® Cloud Modernization Accelerator** – IDQ to CDQ is a solution accelerator for automating the migration of assets and metadata from On-Premise Informatica IDQ tool to Cloud based Informatica CDQ platform.

It provides a simple and intuitive interface with options to perform the operations to move Business and Technical metadata assets from IDQ to CDQ with minimal manual intervention.

It helps in **automating** various operations such as - Analysis of current assets and business rules from IDQ, Extraction and migration of - Admin config to admin service, Profiles to Cloud Data Profile (CDP) and Assets to Cloud Data Integration (CDI) and CDQ and Validation of the assets to target CDQ.



The Modernization Accelerator in Action

The **Cognizant® Cloud Modernization Accelerator – IDQ to CDQ** is shipped as an executable that can be run from any On-Premise or Cloud based platform.

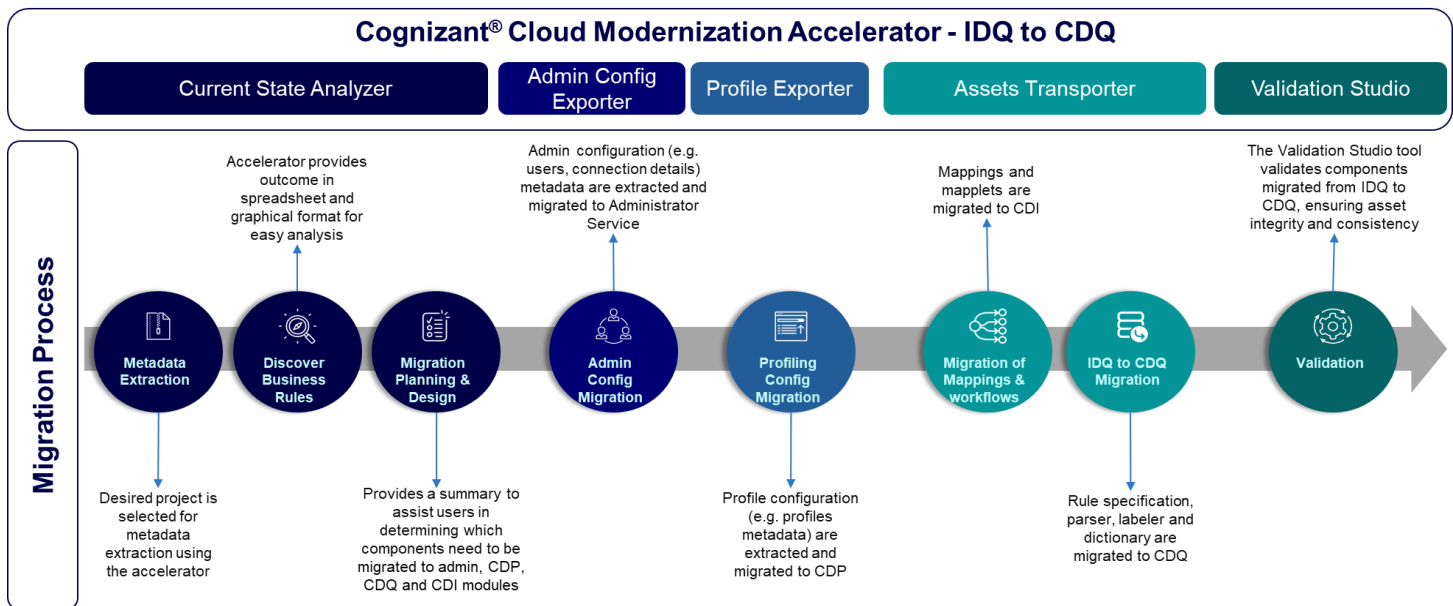


Fig 1: Accelerator in Action across the Layers of Modernization

The Modernization Accelerator is built on the principle of automation by design, featuring a unified console that allows developers to manage various use cases using custom utility functions. The key features are:

- **Current State Analyzer:** Automate extraction of On-Prem metadata, Discover Business rules and migration planning and design.
- **Admin Config Exporter:** Extract admin related configuration, convert to IDMC readable format and migrate to admin service.
- **Profile Exporter:** Extract profile configurations from IDQ, convert to IDMC readable format and migrate to CDP.
- **Assets Transporter:** Extract assets from IDQ, create specifications based on extracted information and migrate to CDI/CDQ.
- **Validation:** Validate the IDQ metadata output with the respective metadata in CDQ to find any anomalies/misses introduced during migration.

Key Areas of Automation and Solution Benefits

The Modernization Accelerator leverages an automated process to ensure a seamless transformation experience and drive the benefits along the way.

- **20- 30% reduction of manual efforts in migration**
- **Solution scalability helps handle growing data volumes and complex data quality requirements**
- **Seamless migration of configuration and metadata across environments**
- **Significant Cost savings of infrastructure and maintenance compared to on-premise setup**
- **Faster time to market due to quick & easy installation and automated conversion and validation processes**

Cognizant's AI & Analytics Practice

Cognizant is a leading provider of advanced analytics and AI-driven solutions to clients worldwide. The practice aims to deliver transformational value by modernizing data foundations & unlocking value from data using AI and ML through key offerings including – Data Foundation, Data & AI Management, Data Modernization, Business Intelligence & Visualization, and Analytics & AI.

The practice has industry-specific expertise in Banking & Financial Services, Insurance, Retail, Consumer Goods, Travel & Hospitality, Healthcare & Life Sciences, Media, Communication and Technology, Manufacturing, Logistics, Energy & Utilities. The practice is committed to helping clients achieve business success through innovation and data-driven decision-making.

Cognizant's Data & AI Management Offerings

We help our clients manage their data assets to use data securely, efficiently, and cost-effectively - including Master Data, Data Quality, Data Governance, Privacy & Consent, & Customer Data Platforms, covering entire gamut of Industries and domains. We have continuously invested in strategic partnerships in areas of Next Gen digital technologies and Cloud solutions to address novel digital use cases for clients.

Learn more about our Data Management Practice here: <https://www.cognizant.com/us/en/services/ai/data-management>

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Cognizant (Nasdaq-100: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at www.cognizant.com or @cognizant.

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