Feb 28<sup>th</sup>, 2023

# Deployment Guidelines for CDGC, CDQ, CDP, and CDMP

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## Housekeeping Tips









- Today's Webinar is scheduled for 1 hour
- The session will include a webcast and then your questions will be answered live at the end of the presentation
- All dial-in participants will be muted to enable the speakers to present without interruption
- Questions can be submitted to "All Panelists" via the Q&A option and we will respond at the end of the presentation
- The webinar is being recorded and will be available on our INFASupport YouTube channel and Success Portal where you can download the slide deck for the presentation. The link to the recording will be emailed as well.
- Please take time to complete the post-webinar survey and provide your feedback and suggestions for upcoming topics.



#### Feature Rich Success Portal



Bootstrap trial and POC Customers



Enriched Customer Onboarding experience



Product Learning Paths and Weekly Expert Sessions



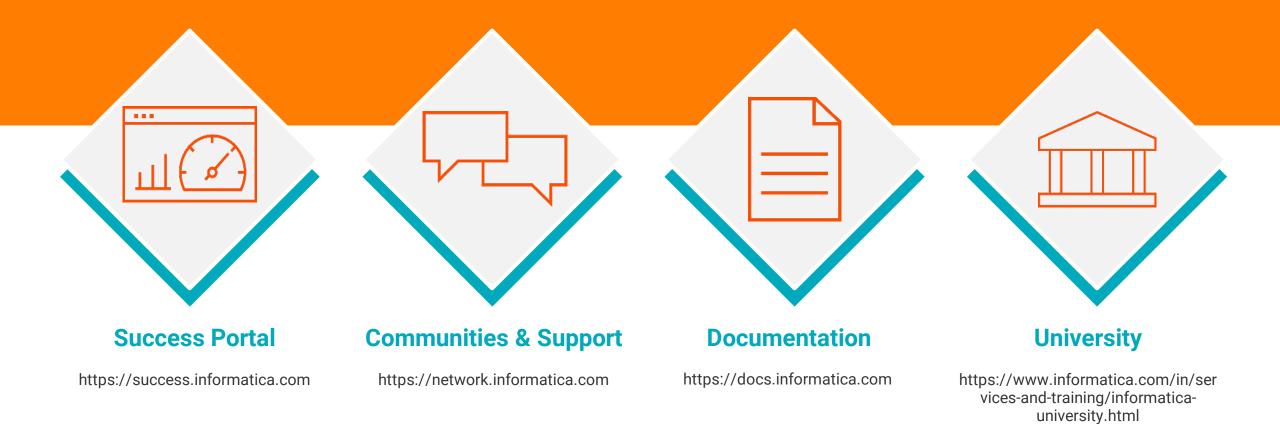
Informatica Concierge



Tailored training and content recommendations



#### More Information





#### Safe Harbor

The information being provided today is for informational purposes only. The development, release, and timing of any Informatica product or functionality described today remain at the sole discretion of Informatica and should not be relied upon in making a purchasing decision.

Statements made today are based on currently available information, which is subject to change. Such statements should not be relied upon as a representation, warranty or commitment to deliver specific products or functionality in the future.



#### Agenda

1 Introduction

Org Planning & Architectural Overview

3 IDMC Security Architecture

Secure Agent Planning & Sizing

Agent Installation & Monitoring Services

6 Connections, Roles and Responsibilities



## Introduction

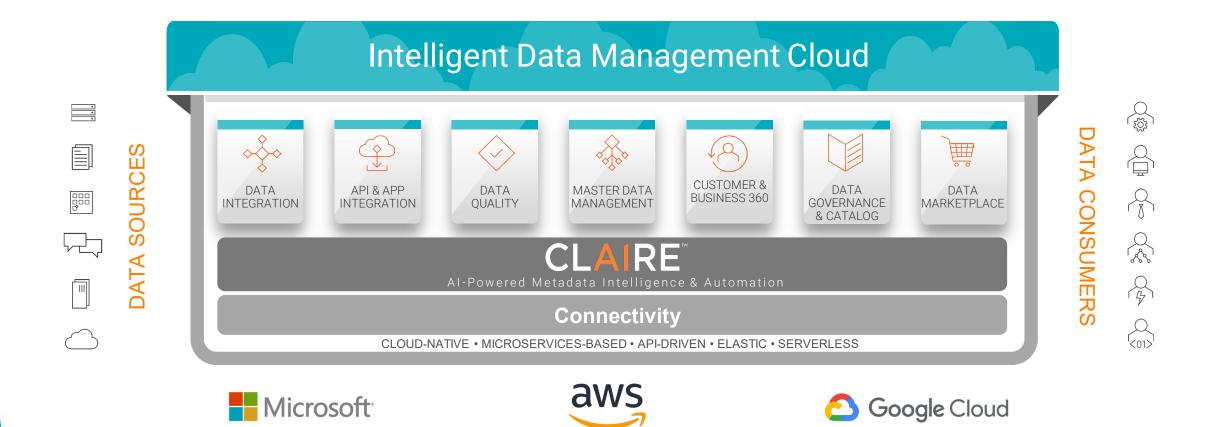


## Webinar's Acronyms

ACRONYM	DEFINITION
IDMC	Intelligent Data Management Cloud
CDGC	Cloud Data Governance and Catalog
MCC	Metadata Command Center
CDQ	Cloud Data Quality
CDP	Cloud Data Profiling
CDMP	Cloud Data Market Place
CDI	Cloud Data Integration
IPU	Informatica Processing Unit
POD	Point of Delivery
PAM	Product Availability Matrix
SA	Secure Agent
VPC	Virtual Private Cloud
ORG	Organization
ADLS	Azure Data Lake Store
AWS S3	Amazon Web Service Simple Storage Service



#### Intelligent Data Management Cloud





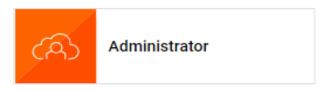
## Intelligent Data Management Applications



- Focused on end User consumption
- All users Contributors,
   Collaborators and Consumers will be on this App
- Create/Update/Delete/View all activities managed from here



- Focused on Admin Activities for CDGC
- All Admin activities and definition of Data Classifications and adding of New Resources will happen here
- One Admin App for multiple products



- Focused on Admin Activities for IDMC
- Users and User Groups
- Define Technical Connections
- Define Agents/Runtime Environments

\* Shipping case to be submitted for enabling these Services



## Intelligent Data Management Applications



- Focuses on data profiling tasks
- Helps to create and run a data profiling task on a data source to determine the quality of data and understand the completeness, conformity, and consistency of data.
- It's an on-demand subscription
- Create/Update/Delete/View all profiling tasks / rules / rule specifications are managed from here



#### **Data Quality**

- Focused on improving Data Quality
- Helps to verify, standardize, and improve the quality of your business data.
- It's an ondemand subscription service that provides all the features that you need for building data quality rules
- Create/Update/Delete/View all DQ rules are managed from here



- Focused on Data shopping experience
- Helps to publish and find data collections for business use on the organization level.
- Accelerates the business value of an organization and allows people to source business value from data, enabling true data democratization.
- Create /Publish /Order Data set collections are managed from here



<sup>\*</sup> Shipping case to be submitted for enabling these Services

## New Informatica Processing Unit (IPU)

Unit of software licensing capacity that can be used across a range of cloud services

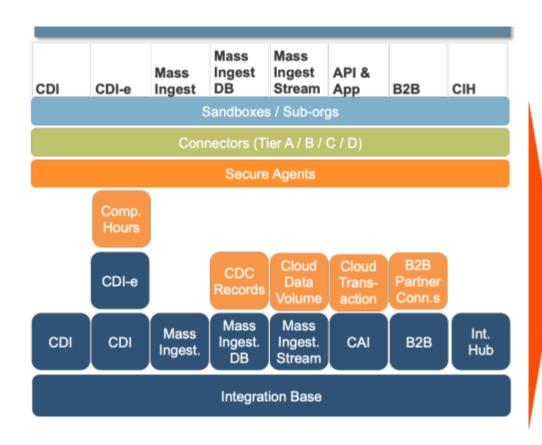
Can be **interchangeably**used across different cloud
integration, quality,
governance and
marketplace services

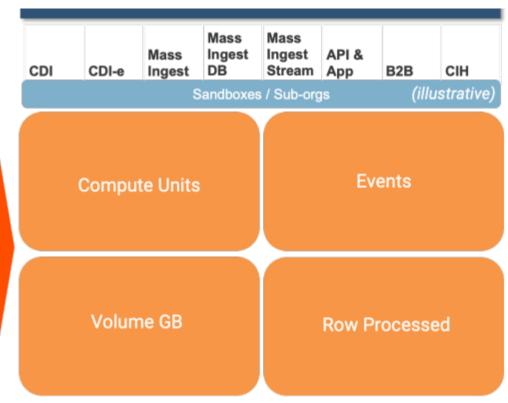
Oustomers purchase IPUs on a pre-paid subscription basis and use any service up to the pre-paid IPU subscription capacity

The new IPU model offers more value and benefit by granting access to a wider range of services and measuring their use on a consumption basis



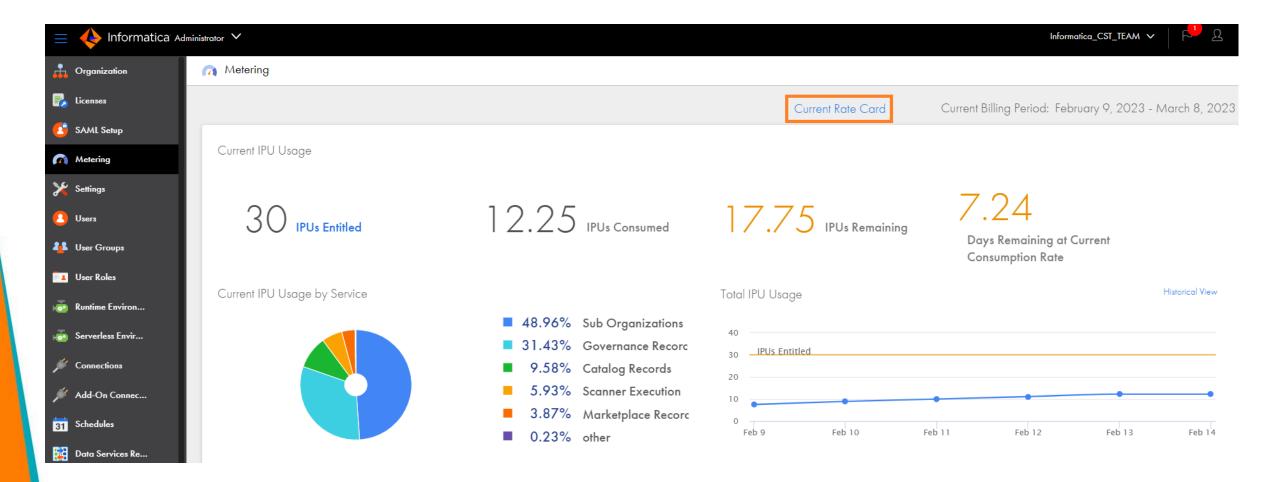
#### Old vs New Packaging





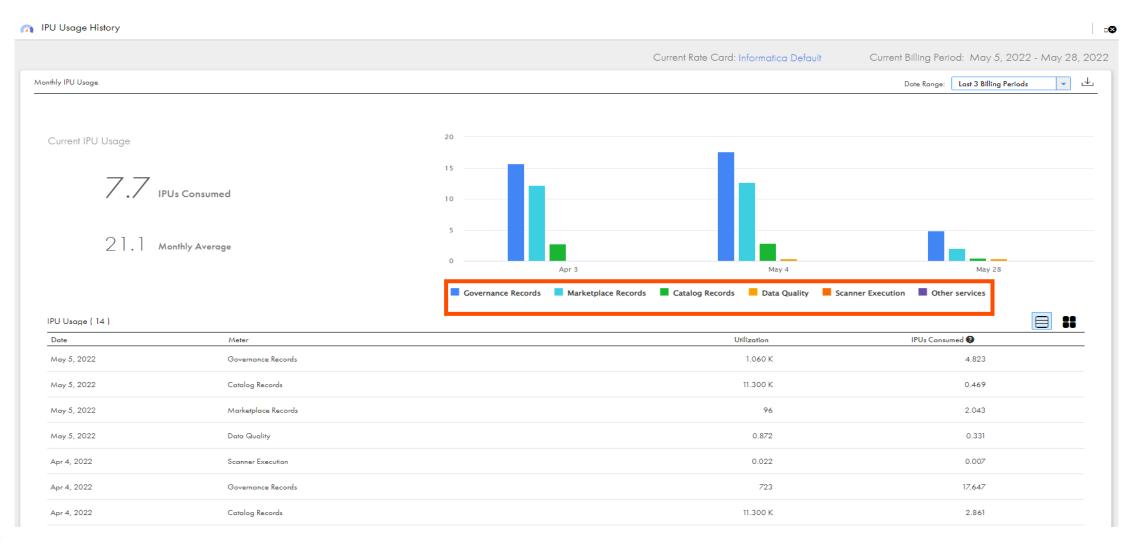


#### IPU - Metering - Current Rate Card





#### IPU - Metering - Usage History

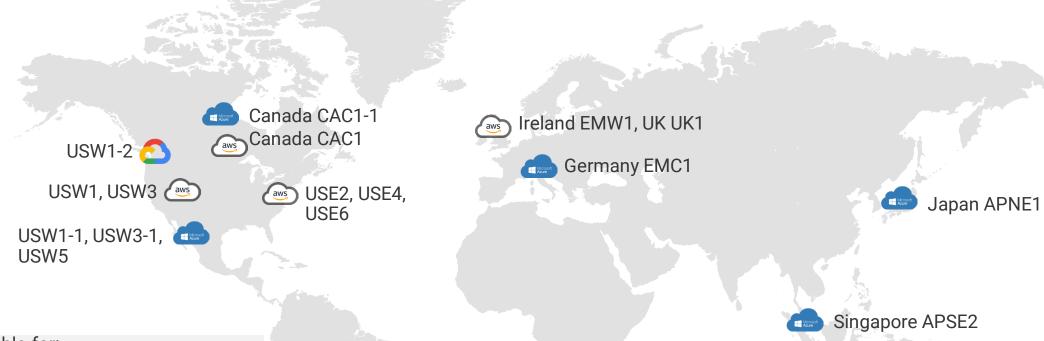








## POD Availability of Cloud Data Quality (As of Feb'2023\*)



#### Available for:

- Secure agent runtime
- Elastic
- Advanced Serverless (except profiling)
- Elastic Advanced Serverless (except profiling)

#### Keep in mind:

- Refer to latest PAM for latest GA PODs by Service
  - Although the INFA PODs are hosted on a Cloud provider, service consumption can be Cloud, Hybrid or Multi-Cloud, leverage supported connectors

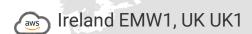


APSE1

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## POD Availability of Cloud Data Governance (As of Feb'2023 \*)





#### Available for:

- Secure agent runtime
- Elastic

#### Keep in mind:

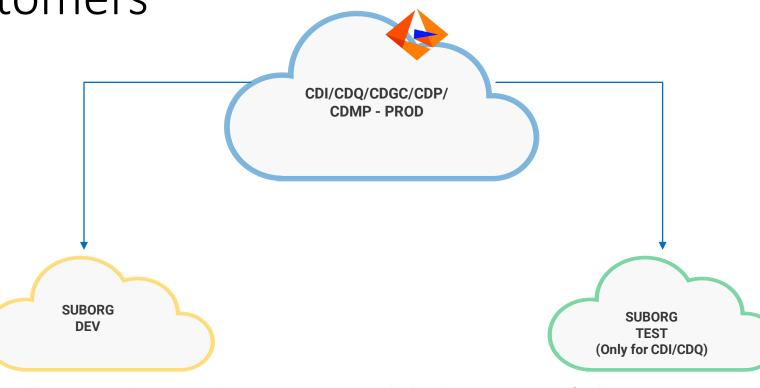
- Refer to latest PAM for latest GA PODs by Service
- Although the INFA PODs are hosted on a Cloud provider, service consumption can be Cloud, Hybrid or Multi-Cloud, leverage supported connectors

  Olavid Data Marketala as in the same DOD as Cloud Data Covernance Informatica
- Cloud Data Marketplace is in the same POD as Cloud Data Governance



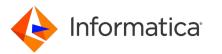
Organizations & Setups - New Customers





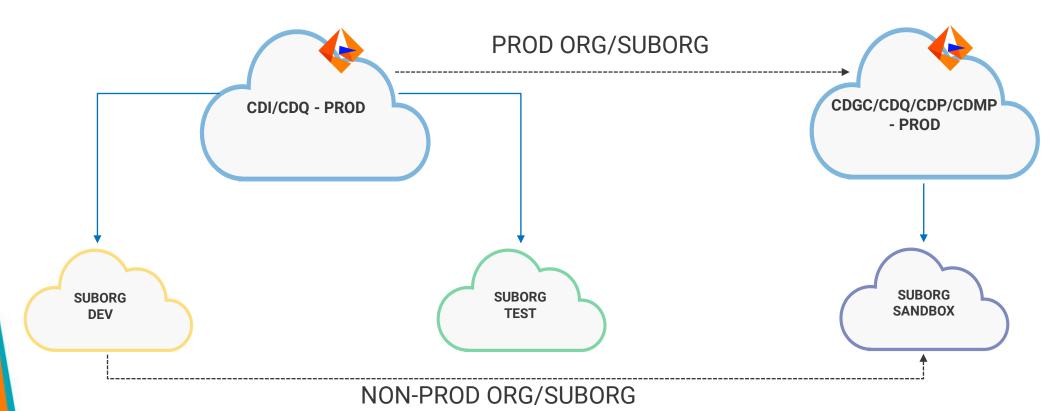
#### Keep in mind:

- If the GA POD has all mentioned services above, its recommended to have same Org for better integrations across services.
- CDGC, CDMP services doesn't have code promotions, hence one Prod Org is sufficient for Deployment, Sub-Orgs are optional.
- Any additional (sub)org will cost the you 6 IPUs
- For centralized governance insights you only need one org (openness)
- Content can <u>not</u> be shared from one org to another
- Recommended to have separate secure agents for CDI, CDGC and CDQ. (Additional sizing guidelines apply)



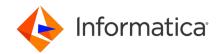
## Organizations & Setups - Existing IDMC Customers



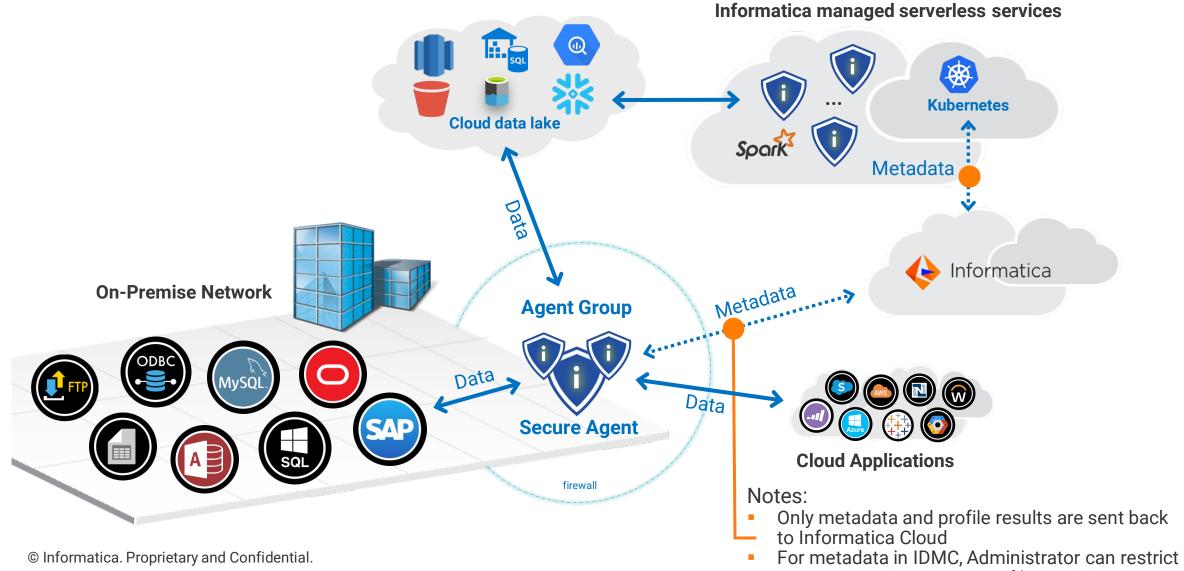


#### Keep in mind:

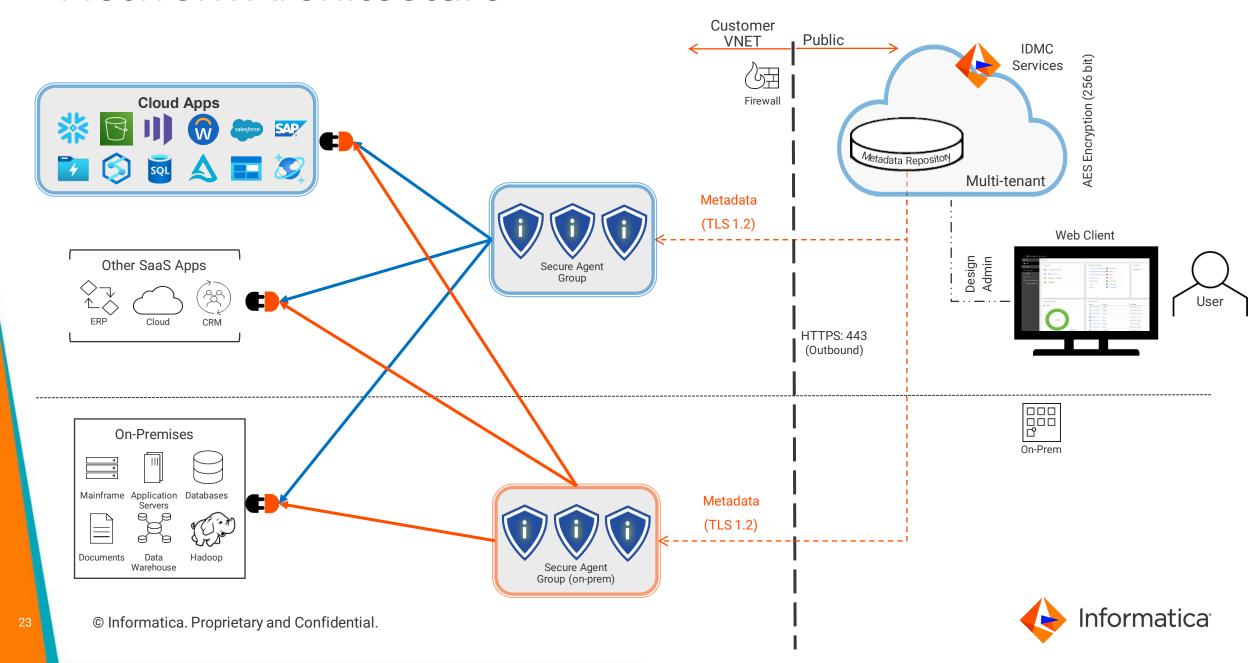
- Recommended CDI Prod Org to be same as CDGC/CDQ/CDMP Org for existing integration customers.
- SubOrg Dev Org is same as SubOrg Sandbox
- SubOrg Test Org is only applicable to CDI/CDQ services
- CDGC SubOrg Provisioning requires additional approvals



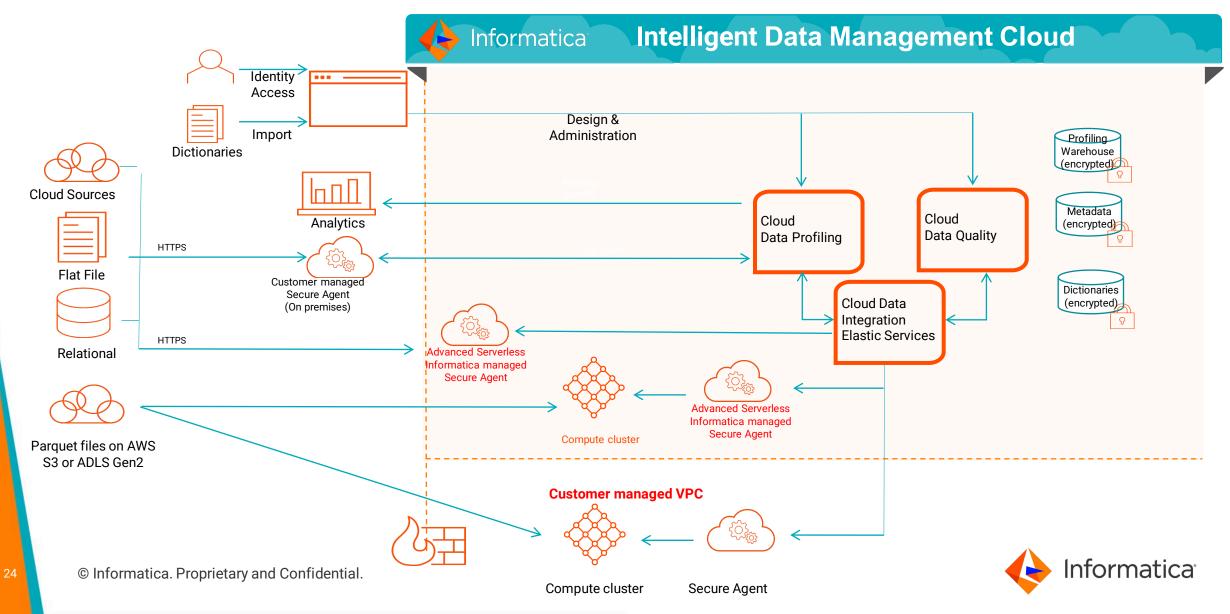
#### Informatica Architecture



#### Network Architecture

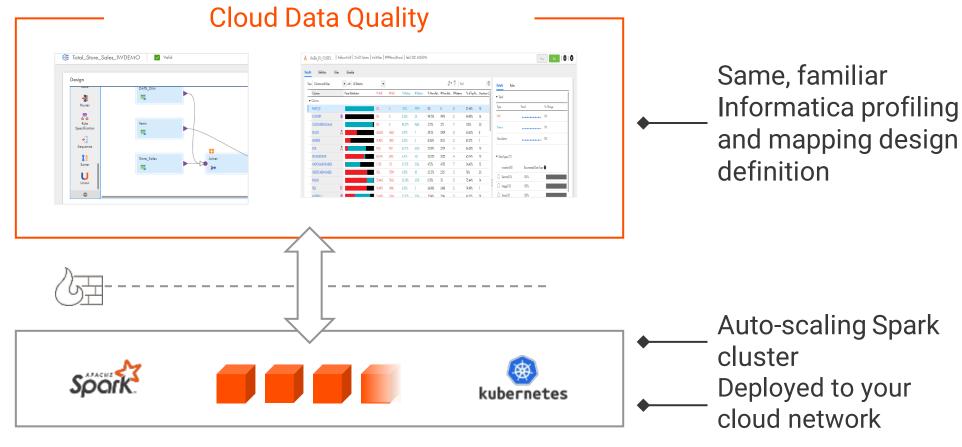


## Cloud Data Quality and Profiling - Architecture Overview



## Cloud Data Quality and Profiling Elastic

Enabling Spark serverless support for auto-scaling and provisioning

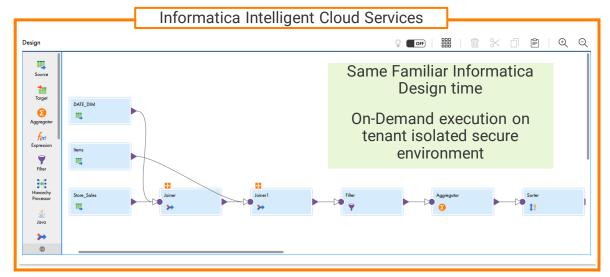




#### Advanced Serverless for Data Quality

Fully managed scale-out environment with no clusters or software to manage and high-performance data integration with built-in elasticity

- Available for CDI/CDI-E/CDQ/CDQ-E
- No servers or software to Manage
- Switch existing tasks from Secure Agent to Advanced Serverless Runtime
- Inbuilt Autoscaling and Concurrency
- Easy setup in 2 mins with cloud formation template
- Consumption-based pricing
- Currently available on AWS only (Azure, GCP on Roadmap)
- <u>Test Panel, Data Preview for DQ Assets</u> <u>in roadmap</u>



#### When to use Advanced Serverless?



No infrastructure maintenance and secure agent administration overhead



Dynamically or seasonally changing infrastructure needs



Jump start projects or do quick POCs



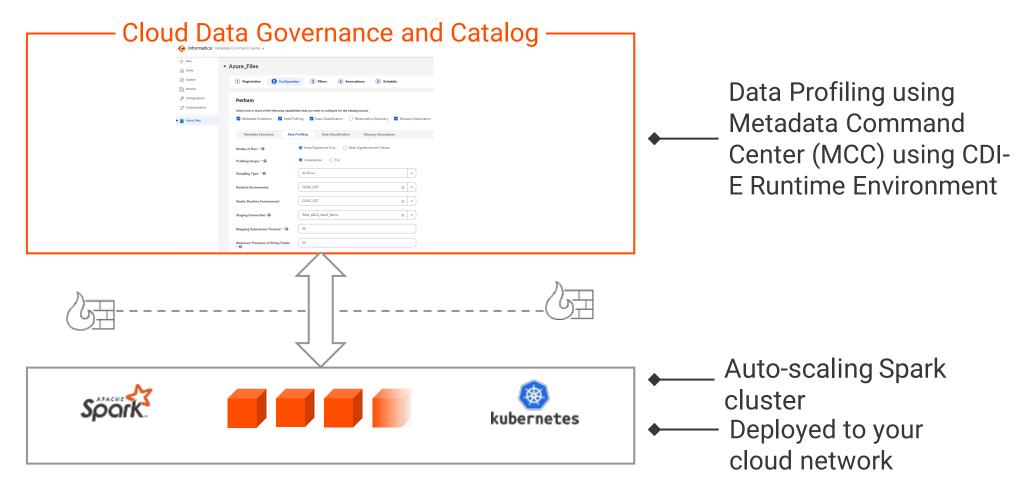
Process lots of concurrent workloads



Be more productive and/or are short staffed on resources



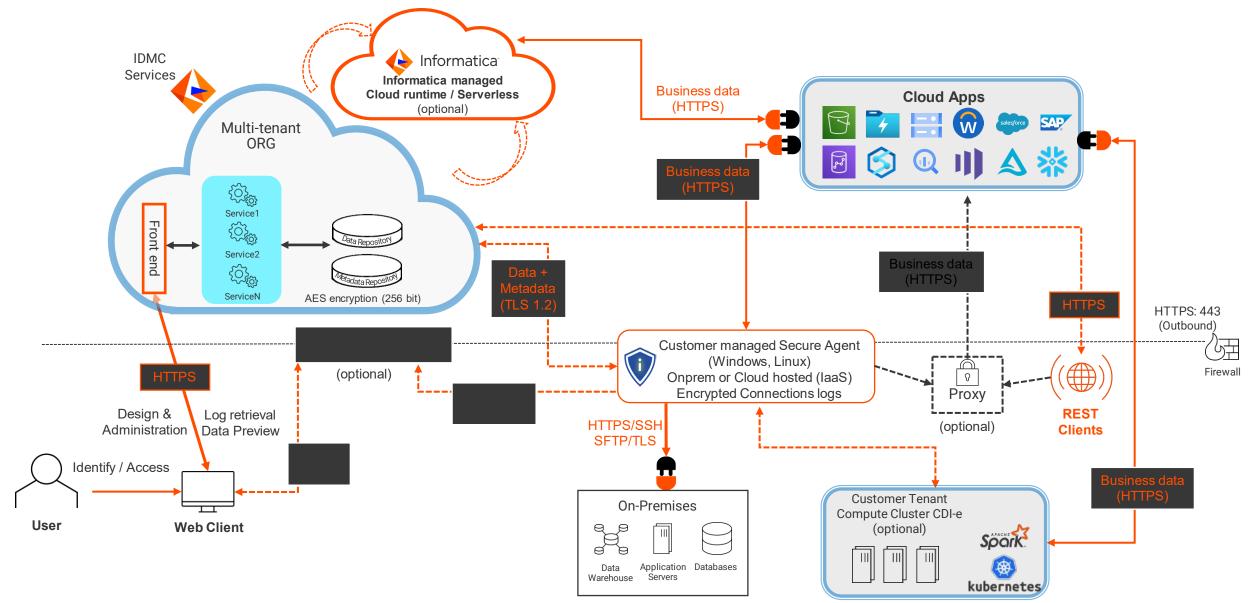
## CDGC: Data Profiling for Parquet and Avro - S3/ADLS



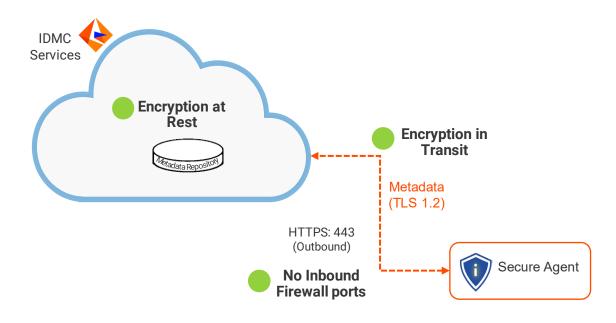


### IDMC Security Architecture Diagram

IDMC is built on microservices-based technology architecture and cloud native frameworks. The diagram below shows all major components of the IDMC security domain and lays out the areas of metadata and data persistence and data movement

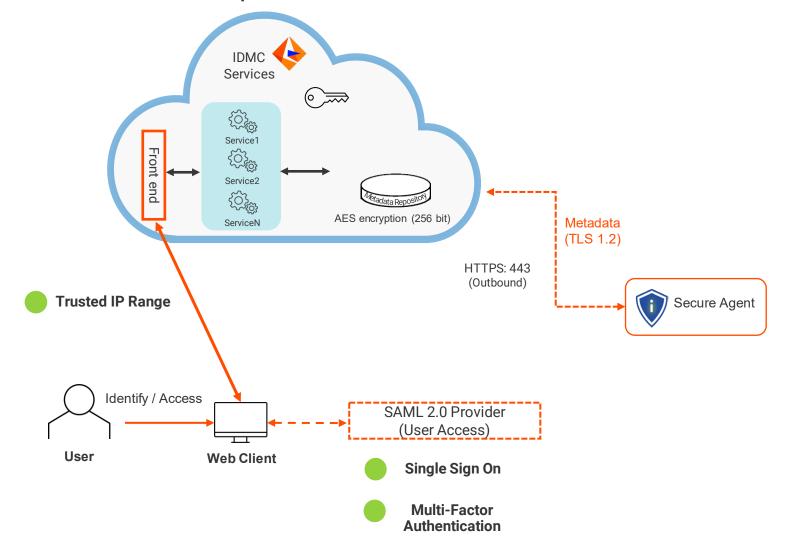


## **Encryption Overview**





#### User Authentication / Authorization Overview

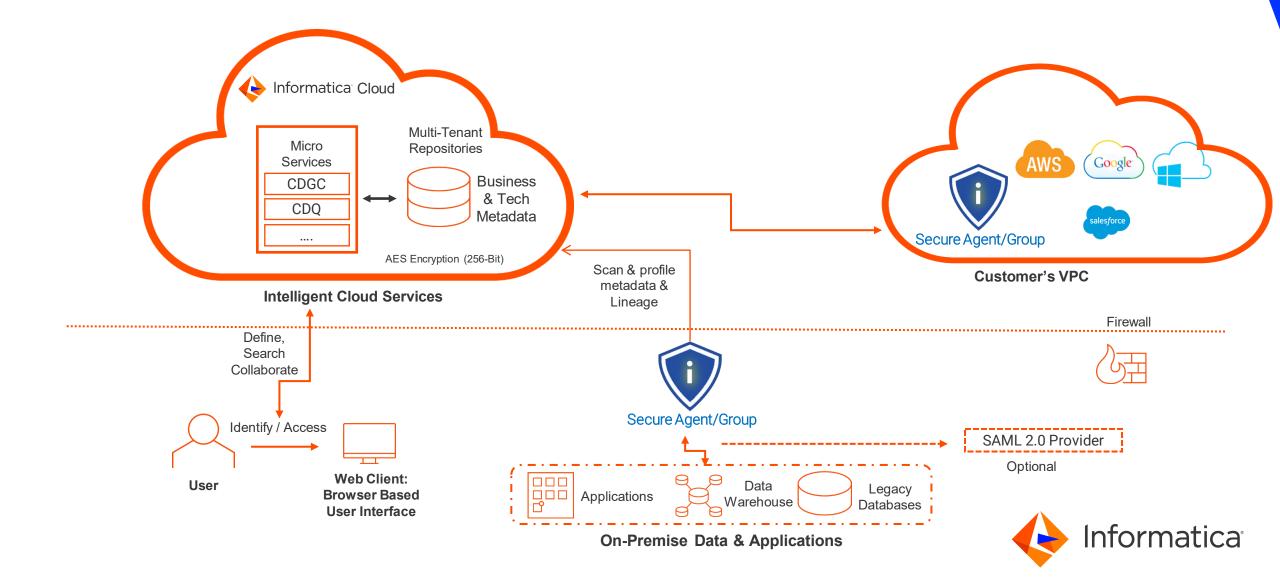




## Secure Agent Planning & Sizing



## Secure Agent Planning



#### Runtime Deployment Location

#### Choose the right Runtime Environment location

#### **On-premises/Cloud Secure Agent**

- Catalog Source is on-premises or cloud
- Customer is already using Secure Agent
- Large Data Sources or number of data sources
  - Co-location of metadata extraction or profiling compute with Data Sources

#### **Serverless**

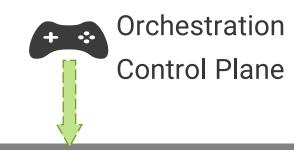
- Catalog Sources are in the cloud
- Customer is okay providing a public endpoint for accessing the data source
- Ideal for AWS ecosystem DL, DW and DBs (because CDGC is AWS native)



### Secure Agent Sizing

#### Easy deployment with limited requirements

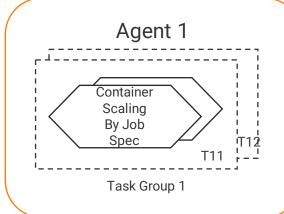
- Recommended Prerequisites
  - 16 CPU cores
  - 64 GB RAM
  - 200 GB HDD
- Easy to deploy
  - Download and install the secure agent
  - Register agent using generated token
- Scale with IDMC agent grouping capabilities
  - 2 or more SA for sources more than 100k assets
- All agents can execute all the capabilities (<u>Sizing Guidelines</u>)
  - Metadata extraction
  - Profiling
- How To: Plan Secure Agent(s) with Best Practices
- Set the MAXDTMProcesses on Data Integration Service parameter to 20 to reduce the profiling execution time

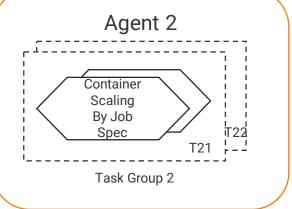


#### Management API

#### **Customer Premise**

#### Agent Group







## PAM Compatibility

Best Practice | Recommended Secure Agent Prerequisites

- Advanced Cluster Config is required for AVRO/Parquet Profiling
- Windows Secure Agent is required for some of the scanners using MITI Technology such as SAP BO, please refer to the Pre-Requisites in <u>Scanner Config guide</u>.

OPERATING S	YSTEM SUPPORT																
PLATFORM																	
PLATFORM	OS Version	Bit	Agent Core	CDI	CAI	API Manager (Microgatevay)	B2B G₩	CIH	OI (Secure Agent Monitoring)	CTDM	Cloud Data Quality	CDI-Elastic	CMI-Streaming	CMI-Databases	CMI- Applications	CMI-Files	CDGC
	RedHat 7.x	64 bit	S	S	S	S	Ø	S	S	S	S	S	S	S	S	S	S
Linux	RedHat 8.x	64 bit	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Linux	SuSE 12 SP5	64 bit	S	S	S	NS	NS	S	S	S	S	S	S	S	S	S	S
	Ubuntu 20.04	64 bit	S	S	S	NS	S	S	S	S	S	S	S	S	S	S	S
	10 Enterprise	64-bit	S	S	S	S	S	S	S	S	S	NS	S	S	S	S	S
Windows	2016 Server	64-bit	S	S	S	NS	Ø	S	S	S	S	NS	S	S	S	S	S
	2019 Server	64-bit	S	S	S	NS	Ø	S	S	S	S	NS	S	S	S	S	S
AIX	AIX 7.2	64-bit	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mac OS	Mac OS 10.12	64-bit	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
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Screen	Shot Feb 20	43 L II	IIS PAIVI	epresent	s current st	iphor runo	illation a	nu may be	subject to	NS							
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<b>Navigate</b>	to PAM usin	g Kno	wledge Ba	ase link.													
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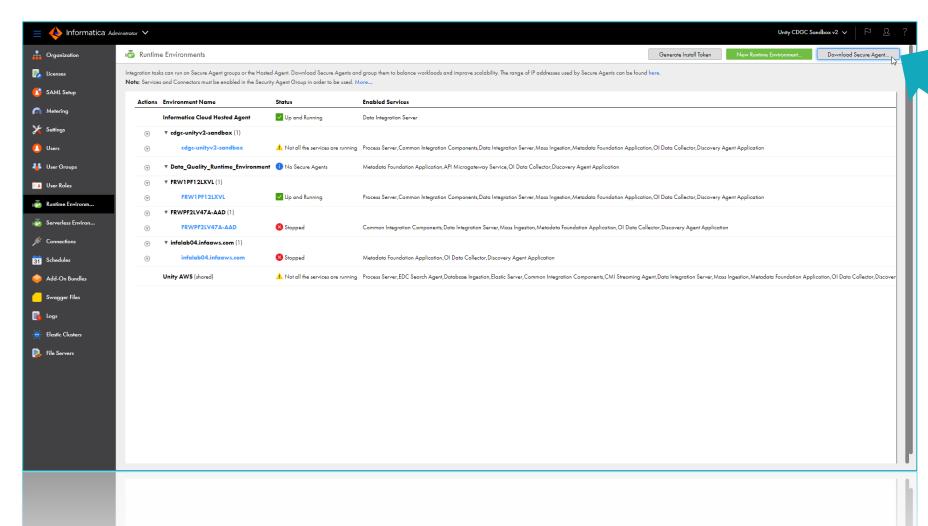


## Setting up the Secure Agent(s)

#### Download from your IDMC organization Admin interface

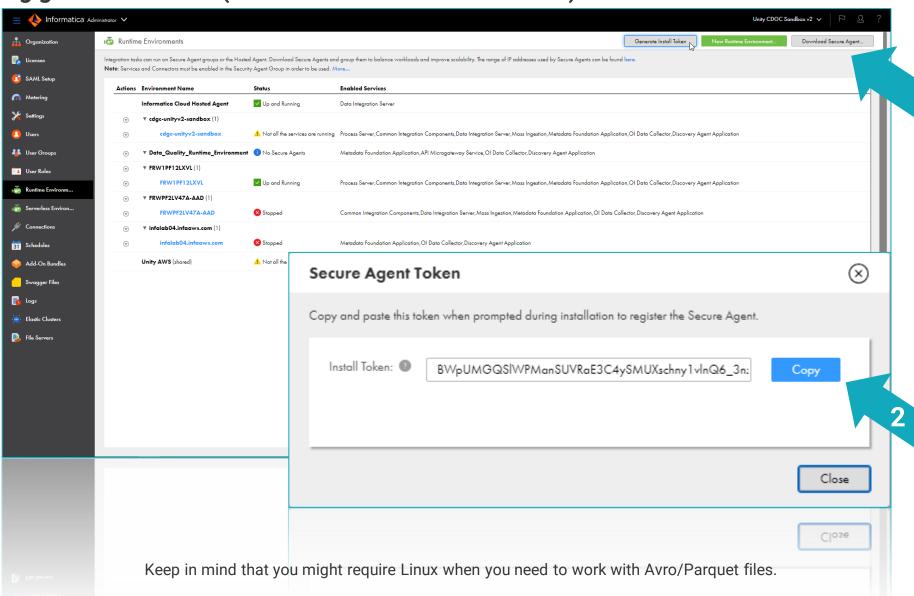
#### Follow the documentation

- Here for Linux
- Here for Windows
- With <u>Proxy</u>



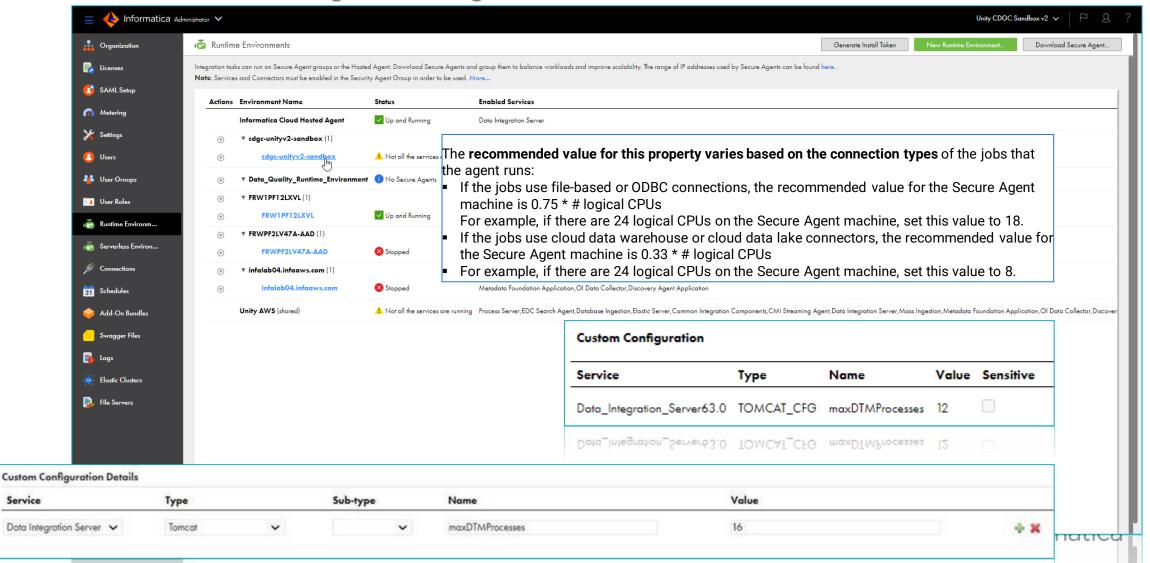
### Setting up the Secure Agent(s)

Register agent using generated token (to enable a secure environment)



### Secure Agent Configuration | Best Practice

Enable Performance Tuning on the agent itself | MAXDTMProcesses



### Secure Agent Connectivity

A secure agent connects to a source, the source does not initiate a connection...

#### Meaning:

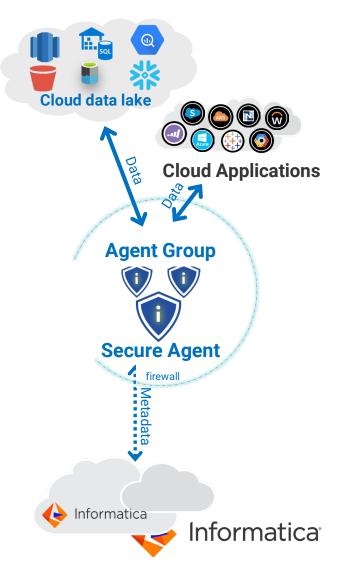
Open up the firewall of the secure agent to talk to:

- 1. The Data Source (your ADLS, Redshift, Snowflake, Oracle......)
- 2. The Informatica Cloud

For CDGC, use **both** articles that mention IP addresses in specific.

Note: Prevent headaches and use the IP addresses and NOT the DNS entries!

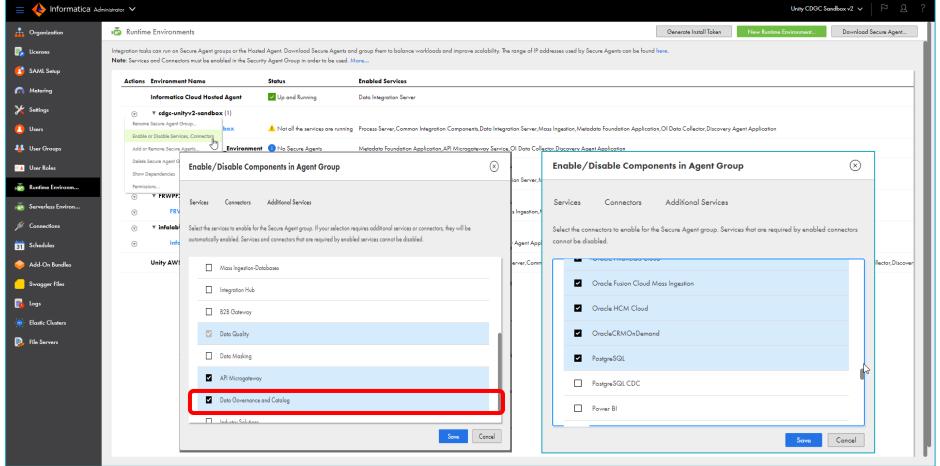
- Knowledge base Article or <u>CDGC approved IP Addresses</u>
- Knowledge base Article or <u>CDQ approved IP Addresses</u>



### Secure Agent Configuration

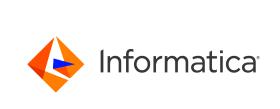
Enable only the services and Connectors you need

Make sure to enable the Data Governance and Catalog Service

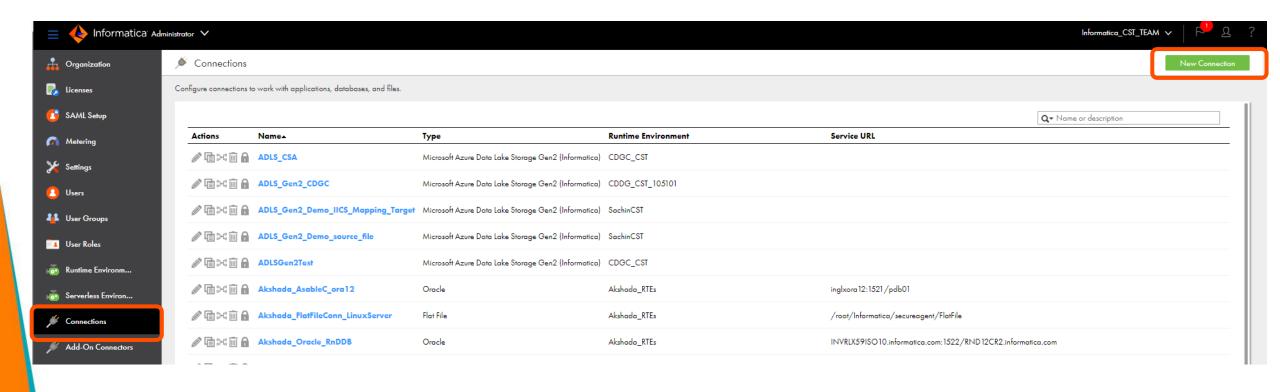




# Connections, Roles and Responsibilities

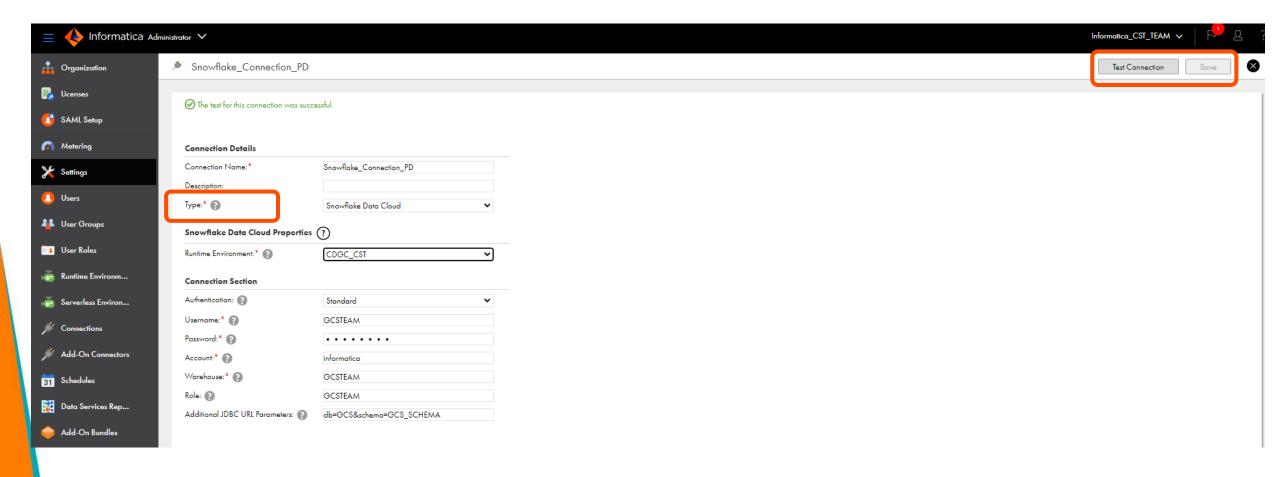


### Create Connection - Administrator



In the Administrator, go to the connections tab and click new connection





Select the connection type and provide the further details along with authorization to establish the connectivity. Save the configuration and hit Test Connection tab to make sure it is successful.

**NOTE:** If you don't see the connection type you need, go to the Add-On connectors page to install more connectors.

### **Business Data Owner**

The Business Data Owner is intimately familiar with the domain of data used in managing a specific scope of the business operations. They can contribute to business definitions, business rules for using and interpreting the data, specific data element definitions or definitions of terms. Data scope may include all data collected and used in generating operational and management reports, data collected for specific types of transactions, or specific applications designed to support the business domain.

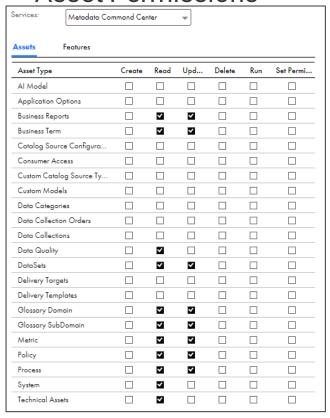
- Provides content expertise to data stewards and data analysts as they clarify the data definitions
- Provides advice on the business context for use of the data
- Assist with accurate documentation of data sources, data collection processes, data interpretation
- Ensures that data collection processes capture data accurately and completely within a standard business process
- Works collaboratively with other Business Data Owners to share content expertise, business rules and advise on building data integration rules as necessary



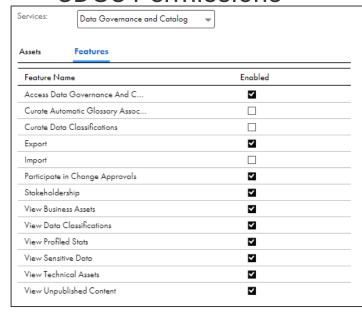
### Business Data Owner - CDGC

Familiar with the domain of data used in managing a specific scope of the business operations.
 Responsible for verifying and approving changes to definitions and relationships.

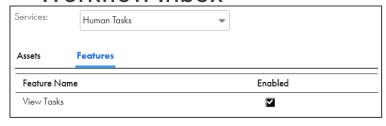
#### Asset Permissions



#### CDGC Permissions



#### Workflow Inbox





### **Business Data Steward**

The Business Data Steward is responsible for working with business and technical stakeholders to ensure high levels of data quality, integrity, availability, trustworthiness and security. He/she emphasizes the business value of data, fosters the goal of data re-use, and designs policies and processes to improve the value of information to the organization.

- Serves as the primary contact for all questions throughout the data life-cycle relating to business and clinical definitions, appropriateness of data use, related processes and policies
- Engages in monitoring regular data quality and developing appropriate business rules and parameters
- Resolves definitions, business rules, systems of record, business processes and other integrity issues on a caseby-case basis
- Documents data issues that cannot be resolved directly and escalates them to the DG Program Manager for resolution
- Helps to foster a culture of discipline where operational, business and technical decisions are made with consideration to their impact on the organization's data assets



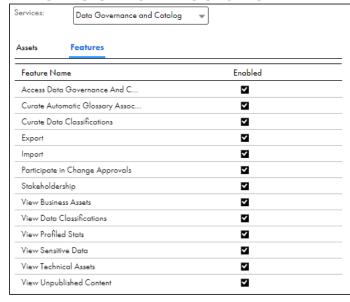
### Business Data Steward - CDGC

 Responsible for working with business and technical stakeholders to ensure high levels of data quality, integrity, availability, trustworthiness and security. Creates and curates business assets.

#### Asset Permissions



#### CDGC Permissions



#### Workflow Inbox





## Demo

### FAQs

#### **Getting Started**:

Getting Started with IDMC Cloud Platform
Getting Started with Cloud Data Governance
Experience Lounge

#### **Environment Planning**:

<u>Secure Agent(s) Recommendations - Capacity Planning</u> <u>Supported Sources for Serverless Runtime Environment</u>

#### **Security & Network**:

IDMC Security Document
IP Address Whitelisting

#### **CDMP Setup**:

CDMP - Look and Feel



### References – Single Sign On (SSO)

- SSO INFA Docs
- HOW TO: Configure SSO in IDMC
- HOW TO: Configure SSO using OKTA
- HOW TO: Configure SSO using Azure AD
- HOW TO: SCIM Configuration in IDMC Administrator
- HOW TO: Configure SAML SSO in IDMC
- HOW TO: Set up IDMC SAML SSO to have a Username that is not the user's email address
- FAQs: IDMC User Management using SAML



# Appendix

### **Executive Leaders**

The Executive Leaders are accountable for the Data Governance Program sponsorship and development of the organization's charter, principles, framework and decision-making processes.

- Sets enterprise targets for performance measurement based on a variety of business measures that include operational and organizational benchmarks that reflect the organization's priorities
- Aligns the program roadmap to enterprise business objectives and the strategic data vision that drives business value
- Communicates the corporate business drivers and value of program activities to other business leaders
- Sponsors policy decisions that ensure sound data quality, data management and governance principles
- Defines and communicates the expectations for setting measurable targets and a corresponding action plan to demonstrate improvements based on sound data resource and sophisticated analytical techniques
- Ensures resources and funding for the ongoing success of the DG Program
- Champions the program priorities within the enterprise portfolio

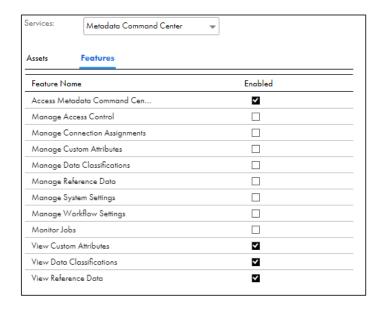


### Executive Leader - CDGC

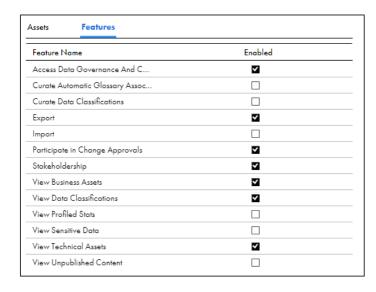
- Accountable for the Data Governance Program sponsorship and development of the organization's charter, principles, framework and decision-making processes. Ability to oversee asset management but not create or curate assets.
  - Asset Permissions



#### MCC Permission



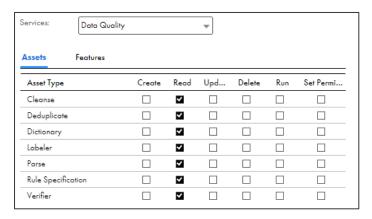
#### CDGC Permissions





### Executive Leader - CDQ

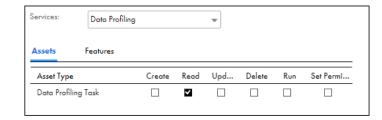
- Accountable for the Data Governance Program sponsorship and development of the organization's charter, principles, framework and decision-making processes. Ability to oversee asset management but not create or curate assets.
  - CDQ Asset Permissions



CDP Feature Permissions



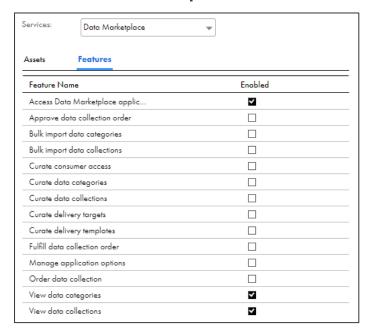
CDP Asset Permissions





### Executive Leader - CDMP

- Accountable for the Data Governance Program sponsorship and development of the organization's charter, principles, framework and decision-making processes. Ability to oversee asset management but not create or curate assets.
  - Data Marketplace Access





### DG Program Director

The DG Program Director leads all the efforts of the program in terms of collecting suggestions for eligible projects, pulling together working teams, ensuring that processes, data definitions, report definitions and data quality profiles are stored in a centrally accessible repository. This person is responsible for leading the working team meetings and guiding productive discussions of contributing factors and issue resolution. He/she will work closely with the Data Stewards to provide guidance and support.

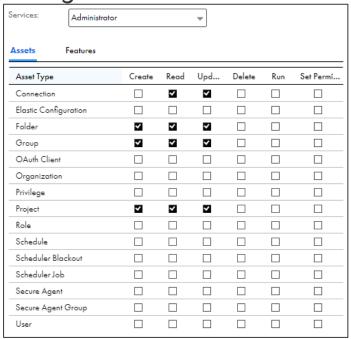
- Ensures that Data Stewards have the training and resources to perform effectively
- Manages the day-to-day project schedule, scope and interdependencies with other projects
- Maintains the Program documentation (framework, processes and policies)
- Coordinates the work of the existing Working Teams to ensure alignment with their objectives and to communicate across teams where necessary
- Ensures that Business and Technical Stewards are working effectively
- Manages communication events to relevant stakeholders
- Prepares the Executive Steering Committee agenda and materials
- Facilitates the Program's processes and policies with key business and domain stakeholders



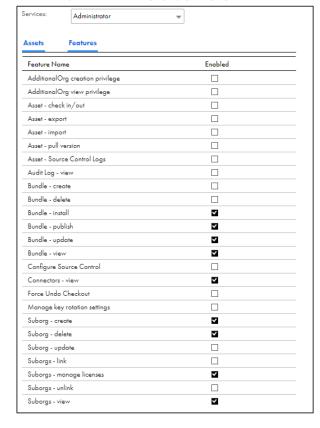
### DG Program Director - Administrator

 Leads all the efforts of the program in terms of collecting suggestions for eligible projects, pulling together working teams, ensuring that processes, data definitions, report definitions and data quality profiles are stored in a centrally accessible repository. Can create folders, groups, projects, and roles for the betterment of the DG program. Also, can create processes and policies to assist with documenting DG efforts.

Organization



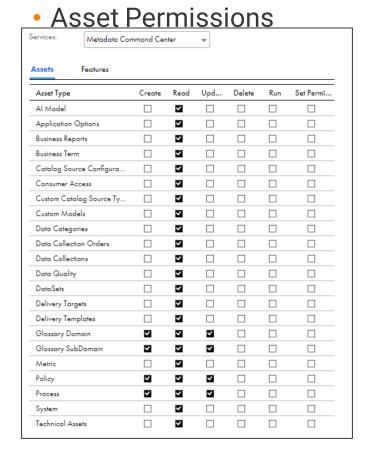
Admin Features

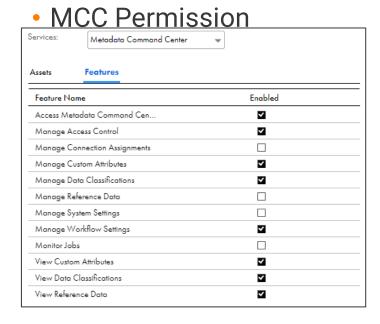


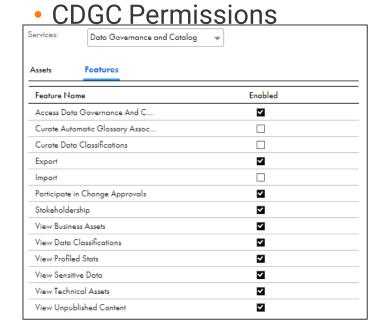


### DG Program Director - CDGC

 Leads all the efforts of the program in terms of collecting suggestions for eligible projects, pulling together working teams, ensuring that processes, data definitions, report definitions and data quality profiles are stored in a centrally accessible repository. Can create folders, groups, projects, and roles for the betterment of the DG program. Also, can create processes and policies to assist with documenting DG efforts.





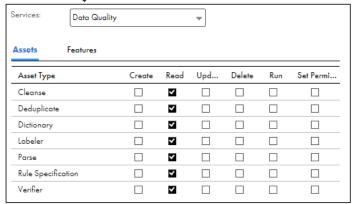




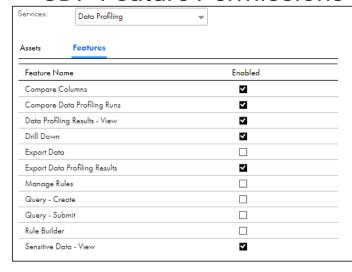
### DG Program Director - CDQ

 Leads all the efforts of the program in terms of collecting suggestions for eligible projects, pulling together working teams, ensuring that processes, data definitions, report definitions and data quality profiles are stored in a centrally accessible repository. Can create folders, groups, projects, and roles for the betterment of the DG program. Also, can create processes and policies to assist with documenting DG efforts.

CDQ Asset Permissions



CDP Feature Permissions



CDP Asset Permissions





### DQ Program Director- CDMP

Leads all the efforts of the program in terms of collecting suggestions for eligible projects, pulling together
working teams, ensuring that processes, data definitions, report definitions and data quality profiles are
stored in a centrally accessible repository. Can create folders, groups, projects, and roles for the
betterment of the DG program. Also, can create processes and policies to assist with documenting DG
efforts ata Marketplace Access

Data Marketplace Assets **Features** Enabled Feature Name Access Data Marketplace applic.. ✓ ✓ Approve data collection order Bulk import data categories Bulk import data collections Curate consumer access Curate data categories Curate data collections Curate delivery targets Curate delivery templates Fulfill data collection order ✓ Manage application options Order data collection ~ View data categories View data collections ✓



### **Technical Data Steward**

The Technical Data Steward is responsible for working with technical stakeholders and application experts to ensure high levels of data quality, integrity, availability, trustworthiness and security. He/she emphasizes the technical workings of data, fosters the goal of data re-use, and designs policies and processes to improve the underlying integrity of information to the organization.

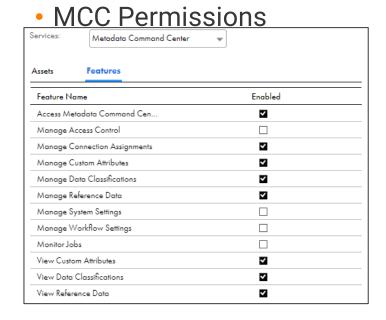
- Serves as the primary contact for all technical questions throughout the data life-cycle relating to the data definition, metadata definitions, data lineage, lifecycle, processes and policies
- Designs and performs routine data quality checks for data source systems; works with the business data steward to interpret these quality results and refine quality standards
- Resolves definitions, technical rules, systems of record, technical processes and other integrity issues on a case-by-case basis
- Documents data issues that cannot be resolved directly and escalates them to the DG Program Manager for resolution
- Helps to foster a culture of discipline where operational, business and technical decisions are made with consideration to their impact on the organization's data assets



### **Technical Data Steward**

 Communicates technical workings of data, fosters the goal of data re-use, and designs policies and processes to improve the underlying integrity of information to the organization. Responsible for uploading and curating technical assets.

 Asset Permissions Metadata Command Center Assets Features Run Set Permi. Asset Type Delete Al Model Application Options ✓ Business Reports Business Term Catalog Source Configura.. Consumer Access  $\Box$ Custom Catalog Source Ty.. Custom Models Data Categories Data Collection Orders DataSets Delivery Targets Delivery Templates Glossary SubDomain Matric





#### **Workflow Inbox**





Policy

Technical Assets

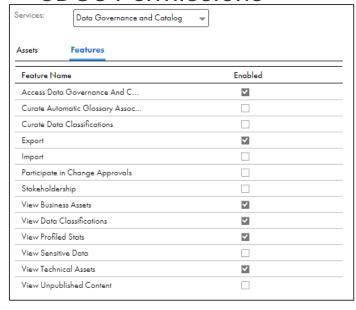
### Technical Data Owner

 Responsible for the delivery of data according to the scope of business needs and the sensitivity of information. Has administrator level privilege in CDMP and can publish data sets in CDGC.

#### Asset Permissions



#### CDGC Permissions



#### CDMP Permissions

Feature Name	Enabled
Access Data Marketplace applic	✓
Approve data collection order	✓
Bulk import data categories	✓
Bulk import data collections	✓
Curate consumer access	✓
Curate data categories	✓
Curate data collections	✓
Curate delivery targets	✓
Curate delivery templates	✓
Fulfill data collection order	✓
Manage application options	✓
Order data collection	✓
View data categories	✓
View data collections	✓



### Data Analyst

The Data Analyst is responsible for the acquisition, assessment, modeling, enrichment, and preparation of data assets. The activities and data will be for multiple purposes across the organization. The data analyst may work with the business stakeholders to build the requirements and analysis to report the results in a business context for senior managers, executives and department heads. To be successful a data analyst will work with IT and business subject matter experts. The Data Analyst is a critical member of the Working Team as this person informs the team on definitions, business rules and quality of data items and troubleshoots discrepancies or limitations.

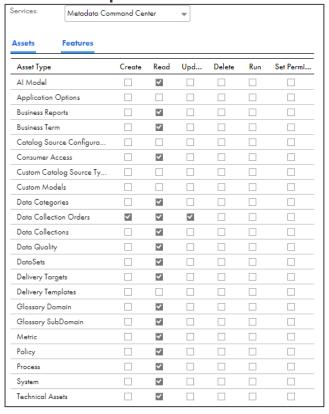
- Creates new reports and recommends data products to answer important, new, business questions
- Collaborates with data owners and subject matter experts in order to find and secure access to necessary data
- Locates data sets and prepares data or defines the specifications to prepare data from multiple sources: scripting, database management and queries
- Profiles data and specifies data quality rules to cleanse data
- Understand and reuse descriptive statistical models: e.g., revenue forecasting, customer churn prediction
- Builds reports and present the results translated into the business context



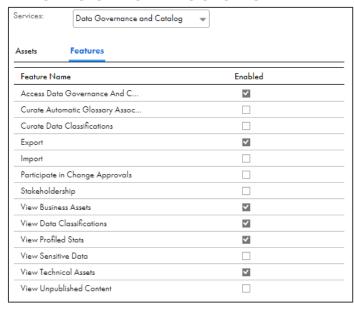
### Data Analyst

Responsible for the acquisition, assessment, modeling, enrichment, and preparation of data assets.
 Assigned the Data Marketplace User Role.

Asset permissions



CDGC Permissions



CDMP Permissions

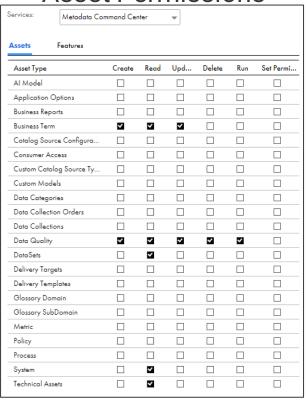




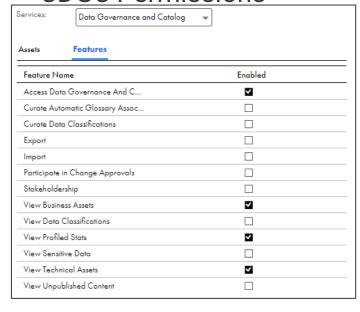
### Data Quality Analyst - CDGC

• Responsible for identifying new and evaluating on-going data quality initiatives. Permissions granted to allow access to Data Quality, Profiling, and Catalog for data quality efforts related to CDGC.

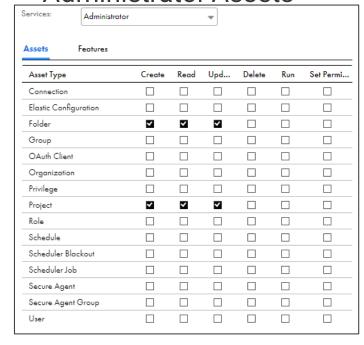
#### Asset Permissions



#### CDGC Permissions



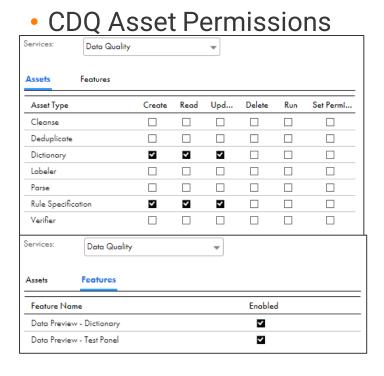
#### Administrator Assets

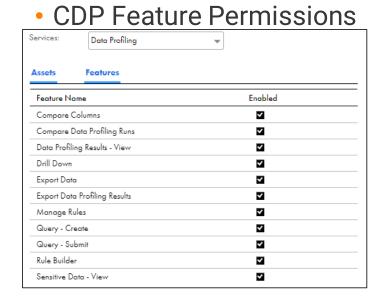




### Data Quality Analyst - CDQ

• Responsible for identifying new and evaluating on-going data quality initiatives. Permissions granted to allow access to Data Quality, Profiling, and Catalog for data quality efforts related to CDGC.









### Application System Owner

The Application System Owner is accountable for the definition, quality, documentation and access for their application's business data. This role is responsible for shared planning with their business and technical peers and aligning domain strategies with the program's data governance policies and standards.

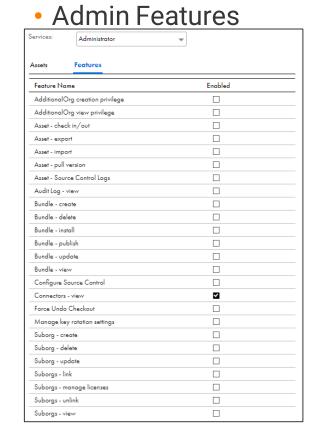
- Resolves any conflicts which occur among Data Stewards to ensure a single set of standards, policies, and definitions for their domain across the enterprise
- Aligns data domain-specific efforts with Data Governance Program strategies
- Approves the data quality target metrics and holds accountable the business line and Data Steward(s) for achieving targets
- Owns or influences business process definitions and changes
- Approves key business definitions and rules
- Approves data access and usage exceptions

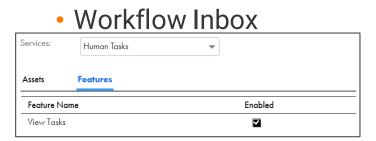


### Application System Owner - Administrator

• Accountable for the definition, quality, documentation and access for their application's business data. Can create connections, create and schedule runtime environments, assign user roles, and create scans.

#### Admin Assets Services: Administrator Assets Features Asset Type Create Read Upd... Delete Run Set Permi.. Connection ~ Elastic Configuration Folder Group $\Box$ OAuth Client П Organization $\Box$ Privilege Project $\Box$ П Role П П $\Box$ Schedule Scheduler Blackout Scheduler Job Secure Agent Secure Agent Group

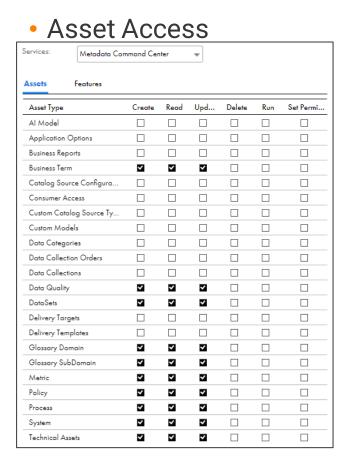


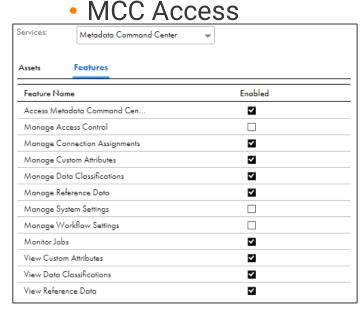




### Application System Owner - CDGC

• Accountable for the definition, quality, documentation and access for their application's business data. Can create connections, create and schedule runtime environments, assign user roles, and create scans.





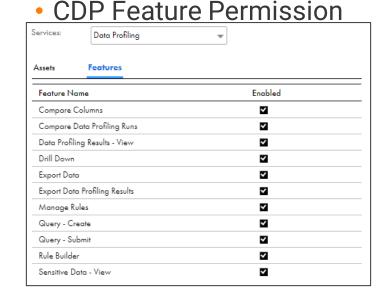




### Application System Owner - CDQ

• Accountable for the definition, quality, documentation and access for their application's business data. Can create connections, create and schedule runtime environments, assign user roles, and create scans.









### Data Consumer

The data consumer will use the Data Governance solution to increase their knowledge and access of data.

- Search for and communicate needs surrounding data.
- Rate and comment on current data sets and other assets.
- Request access to data for their own initiatives.



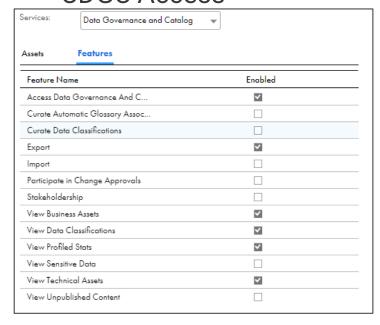
### Data Consumer

• The data consumer will use the Data Governance solution to increase their knowledge and access of data. Assigned the Governance User role.

#### Asset Access



#### CDGC Access





### Data Architect

The Data Architect is responsible for the delivery of a robust, scalable data architecture that meets the business goals of the Data Governance Program and of the organization. He/she will coordinate and guide the work of the architecture team to scope, define, validate and execute on architecture design.

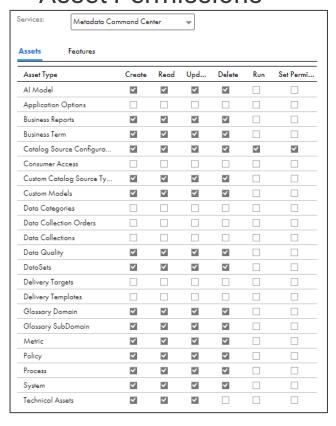
- Ensures the team develops the logical data models and documents the models in Entity-Relationship Diagrams (ERD)
- Ensures participation of Business Analysts, Data Integration Developers and the Solution Architect to translate business requirements into a logical model
- Reviews and analyzes the impact of changes to data structures in logical data models prior to allowing DBAs or Data Modelers to make physical changes
- Works with any Data Governance and Data Governance bodies within the organization to ensure architecture designs accommodate any applicable policies and processes
- Plans architecture and infrastructure to support data management processes and procedures



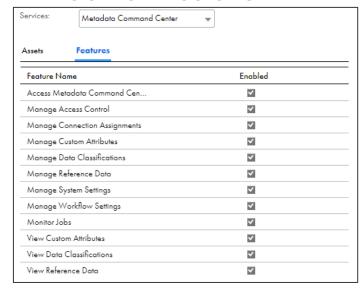
### Data Architect

• Coordinate and guide the work of the architecture team to scope, define, validate and execute on architecture design. Assigned the Governance Administrator role.

#### Asset Permissions



#### MCC Permissions



#### CDGC Permissions

