Enterprise Data Catalog (EDC), Specialist Certification

About the ICS Enterprise Data Catalog (EDC) Exam and the Skill Set Inventory

This exam measures your competency as an Enterprise Data Catalog Specialist by testing your administrative skills with questions covering installation, configuration, and maintenance of an Enterprise Data Catalog environment. Additionally, you will be tested as an end user covering questions from the topics related to search, data lineage and impact, data annotation, attributes, data domains, assessing your level of understanding of all the required skills required to work with EDC.

The skill set inventory is used to guide your preparation before taking the exam. It is an outline of the technical topics and subject areas that are covered in each exam. The skill set inventory includes test domain weighting, test objectives and topical content. The topics and concepts are included to clarify the test objectives.

Test takers will be tested on:

- Customizing Search and Views
- Data Domains and Curation
- Annotating Data Assets
- Data Lineage and Impact
- Relationship Discovery
- EDC Pre-installation
- EDC Deployment Method
- Resource Management
- Attribute Management and Synonyms
- Data Domains
- Universal Connectivity Framework
- Custom Models and Resources
- Performance Tuning
- Monitoring and Troubleshooting EDC

Training Prerequisites

The skills and knowledge areas measured by this exam are focused on product core functionality inside the realm of a standard project implementation. Training materials, supporting documentation and practical experience may become sources of question development.

The suggested training prerequisites for this certification level are the completion of the following Informatica course(s):

- Enterprise Data Catalog: Data Discovery and Lineage Analysis (Instructor Led OR onDemand)
- Enterprise Data Catalog: Configuration and Maintenance (Instructor Led OR onDemand)

Exam Test Domains

The test domains and the extent to which they are represented as an estimated percentage of the exam follows:

Title	% of Test
Overview of Enterprise Data Catalog	8%
Exploring the Enterprise Data Catalog User Interface	14%
Customizing Search and Views	4%
Data Domains and Curation	10%
Annotating Data Assets	7%
Data Lineage and Impact	6%
Relationship Discovery	4%
EDC Pre-installation	6%
EDC Deployment Method	10%
Resource Management	6%
Attribute Management and Synonyms	7%
Data Domains	9%
Universal Connectivity Framework	1%
Custom Models and Resources	3%
Performance Tuning	1%
Monitoring and Troubleshooting EDC	3%

Question Format

You may select from one or more response offerings to answer a question.

You will score the question correctly if your response accurately completes the statement or answers the question. Incorrect distractors are given as possible correct answers so that those without the required skills and experience may wrongly select that choice.

A passing grade of 70% is needed to achieve recognition as an Informatica Certified Specialist (ICS) Enterprise Data Catalog.

You are given 90 minutes to complete the exam. Test formats used in this exam are:

- Multiple Choice: Select one option that best answers the question or completes the statement
- Multiple Response: Select all that apply to best answer the question or complete the statement
- True/False: After reading the statement or questions select the best answer

Exam Policy

- You are eligible for one attempt per exam registration.
- If you do not pass on your first attempt
- You must wait 2 weeks after the exam to take the exam again
- You may take the exam up to three times in one year from the date of your first exam attempt
- You must pay the full exam fee each time you take the exam.

Test Topics

The exam will contain 70 questions comprised of topics that span across the sections listed below. In order to ensure that you are prepared for the test, review the subtopics with each section.

Overview of Enterprise Data Catalog

- Major Business Challenges
- Scale of Challenges
- EDC as a Solution
- What is Enterprise Data Catalog?
- EDC Metadata Lifecycle
- EDC Architecture
- EDC Key Features

Exploring the Enterprise Data Catalog User Interface

- EDC User Interface
- Conventional Search vs. Semantic Search
- Why do we need Semantic Search?
- What is Semantic Search in EDC?
- Searching in EDC
- Available Search Options in EDC
- Explore Search Results
- Data Similarity
- Data Similarity - Advantages
- Column Data Similarity
- Value Frequency
- Patterns and Inferred Data Types
- Target definition types and methods of creation
- Benefits of object shortcuts

Customizing Search and Views

- *Why do you Need to Configure Search Filters?*
- *Application Configuration*
- *Types of Assets*
- *Configuring Asset Types*
- *System Attributes*
- *Configuring System Attributes*
- *Custom Attributes*
- *Custom Attributes Help in Data Classification*
- *Configuring Custom Attributes*

Data Domains and Curation

- *What is a Data Domain?*
- *How are Data Domains Created?*
- *Data Domain Groups*
- *Assigning Data Domains in EDC*
- *Creating Data Domains in EDC*
- *Curating Data Domains*
- *Accepting or Rejecting Inferred Data Domains*
- *Data Domain Curation*
- *Propagating Curated Data Domains*

Annotating Data Assets

- *What are Business Terms?*
- *What can you Associate Business Terms With?*
- *How do you Associate a Business Term?*
- *Viewing the Associated Business Term*
- *View Business Term Details*
- *View Business Term Details in Informatica Analyst*
- *Synchronizing EDC with Business Glossary*
- *What is a Custom Attribute?*
- *Why do you Need Custom Attributes?*
- *Types of Custom Attributes*
- *How do you Assign a Custom Attribute?*
- *Expanding the Custom Attribute Section*
- *Exporting and Importing Custom Attributes*

Data Lineage and Impact

- *What Questions does it Answer?*
- *Why do we Need it?*
- *What is Data Lineage and Impact?*
- *Lineage and Impact*
- *Impact Analysis*
- *Lineage and Impact View*
- *Controls to Customize the Diagram View*
- *View Child Assets*
- *View Intermediate Assets*
- *Exporting Lineage and Impact*
- *View Connected Business Terms*
- *Transformation Logic for Assets*
- *Transformation Logic View Tasks*
- *Asset Lineage and Impact Summary View*
- *Exporting Lineage and Impact Summary*

Relationship Discovery

- *Business Challenge: Data Similarity*
- *Asset Relationship Overview*
- *Relationship View*
- *Expanding the Relationship View*
- *Customizing the View*
- *Type of Relationships*
- *Difference Between Lineage and Impact View, and Relationship View*

EDC Pre-installation

- Installation overview and process
  - Phase 1: Pre-Installation
  - Phase 2: Installation
  - Phase 3: Post Installation
- Perform Pre-installation steps

EDC Deployment Method

- Pre-installation checklist
- Installation modes
- EDC Installation
- Installation in Silent Mode
- Post-installation phases
- Uninstallation steps

Resource Management

- System resources
- Resource security
- Connections
- Connection types
- Profile Configuration
- Reusable Data Integration Service (DIS) configuration
- Schedules

Attribute Management and Synonyms

- System and Custom attributes
- Attribute properties
- Edit system attributes
- Create and use custom attributes
- Synonym definition files
- Import the synonym definition file in Catalog Administrator

Data Domains

- Data Domain Discovery
- Data Domains and Data Domain groups
- Data Domain Curation
- Data Domain Inference
- Data Domain Propagation
- Composite Data Domains
- Smart Domains
- Data Similarity

Universal Connectivity Framework

- Universal connectivity framework

Custom Models and Resources

- Types of metadata models
- Custom scanner framework
- Custom metadata integration
- Create and manage custom model
- Create the custom resource type
- Create the custom resource
- Custom Scanners
- Extracting metadata from custom scanners
- Metadata Ingestion

Performance Tuning

- Performance tuning stages and parameters

Monitoring and Troubleshooting EDC

- Monitor resources and tasks
- Manage tasks
- Apply filters to monitor tasks
- Troubleshoot errors in EDC

Sample Test Questions

Which of these is an instance of a resource type?

A.	☒	Scanner
B.	☒	Catalog
C.	☒	Scheduler
D.	☑	Resource

Who manages the Embedded Hadoop cluster?

A.	☒	Distributions
B.	☑	Informatica
C.	☒	Cloud Cluster Environments
D.	☒	None of the above.

Select all the characteristics of a scanner.

A.	☑	Scanners are attached to resources to identify the resource type
B.	☒	You cannot have mutiple scanners configured for different types of metadata
C.	☑	You can configure the scanner properties for a resource when you create the resource
D.	☑	Scanners extract metadata from the resources
E.	☒	A scanner cannot always have a unique ID to map to the resource type

Data Consolidation manages the following processes (select all that apply):

A.	☒	Identifying duplicates within a data set
B.	☑	Merging or linking duplicate or related records
C.	☑	Removing duplicates from a dataset
D.	☑	Replacing inaccurate data

Which of the following is true for semantic search?

A.	☒	Gives you what you said
B.	☒	Results based on searcher intent and contextual meaning of terms
C.	☒	Keyword search from similar sources
D.	☑	Search based on index

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When You Are Ready To Test:

Informatica Specialist Certifications are available Anytime/Anywhere. To become an Informatica Certified Specialist (ICS), please follow these steps.

1. Go to the Informatica Certification Trainings located here.
2. Login with your Informatica Passport or create your account.
3. Locate the Certification you wish to take, click Certification under the title.
4. You will be brought to the Certification Details Page, click Enroll.
5. Click Add to Cart and complete your registration/purchase.
6. Once you have registered go to My Training and View Your Transcript.
7. Now you can simply Launch and take your test Anytime/Anywhere prior to your test's expiry date
8. Retake Policy: Current purchases of the test will include one second-attempt if a student does not pass a test. Any additional retakes are charged the current fee at the time of purchase. Promotions are excluded and cannot be combined. You must wait two weeks after a failed test to take the test again.

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