PowerCenter Data Integration 10: Developer, Specialist Certification

About the ICS PowerCenter Data Integration 10: Developer Test and the Skill Set Inventory

This test measures your competency in building PowerCenter objects on basic and advanced levels in order to make optimal use of the Designer, Workflow Manager and Workflow Monitor tools. Additionally you will be tested on your ability to use transformations, build and run workflows, and further test your abilities to work as part of a data integration development team.

The skill set inventory is used to guide your preparation before taking the test. It is an outline of the technical topics and subject areas that are covered in each test. 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:

- Basic Mapping Design
- Optimal Mapping Design
- Parameters and Variables
- Transformation expression syntax
- Troubleshooting
- Workflows and Worklets
- Architecture and Administration

Training Prerequisites

The skills and knowledge areas measured by this test 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):

- PowerCenter: Data Integration for Developers ([Instructor Led](https:// docs-informatica.com) OR PowerCenter: Developer, Level 1 ([onDemand](https:// informatica.com))
- PowerCenter: Developer, Level 2 ([Instructor Led](https://docs-informatica.com) or [onDemand](https://informatica.com))
Test Domains

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

<table>
<thead>
<tr>
<th>Title</th>
<th>% of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC10 Architecture and Administration</td>
<td>3%</td>
</tr>
<tr>
<td>PC10 Mapping Design Basic</td>
<td>49%</td>
</tr>
<tr>
<td>PC10 Mapping Design Advanced</td>
<td>14%</td>
</tr>
<tr>
<td>PC10 Parameters and Variables</td>
<td>9%</td>
</tr>
<tr>
<td>PC10 Transformation Language</td>
<td>9%</td>
</tr>
<tr>
<td>PC10 Troubleshooting</td>
<td>7%</td>
</tr>
<tr>
<td>PC10 Workflows and Worklets</td>
<td>10%</td>
</tr>
</tbody>
</table>

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) in PowerCenter Data Integration 10 Developer.

You are given 90 minutes to complete the test. Formats used in this test 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

Test Policy

- You are eligible for one attempt and re-take, if needed, per test registration.
- If you do not pass on your first attempt
  - Purchase of the test will include one second-attempt if a student does not pass an test.
  - You must wait two weeks after a failed test to take the test again.
  - Any additional retakes are charged the current fee at the time of purchase.
  - Promotions are excluded and cannot be combined.
Test Topics

The test 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.

Basic Mapping Design

- Use of the PowerCenter Designer Tool
- Use of the PowerCenter Workflow Manager Tool
- User of the PowerCenter Workflow Monitor Tool
- Source Qualifier Transformation
- Expression Transformation
- Aggregator Transformation
- Lookup Transformation
- Filter Transformation
- Joiner Transformation
- Union Transformation
- Update Strategy Transformation
- Mapplets
- User Defined Functions
- Active versus Passive transformations

Optimal Mapping Design

- SQL Overrides
- Stored Procedure Transformation
- Unconnected Lookup Transformation
- XML Transformation
- HTTP Transformation
- Transaction Management with Active Transformations
- Java Transformation
- Normalizer Transformation
- SQL Transformation

Parameters and Variables

- Variable Assignment
- Parameter Files

Expression syntax

- Transformation Functions

Troubleshooting

- Practical Experience
- PowerCenter Workflow Monitor
- Log Management

Workflows and Worklets

- Workflows
- Worklets
- Workflow Tasks

Architecture

- Domain and Node Architecture
- Informatica PowerCenter Commands
Sample Test Questions

Which of the following is the default Transaction Control transformation variable value?
A. TC_COMMIT_BEFORE
B. TC_COMMIT_AFTER
C. TC_CONTINUE_TRANSACTION
D. TC_ROLLBACK_BEFORE

Which one of the following transformations may be unconnected in a valid mapping? (choose one)
A. Lookup
B. Lookup and Source Qualifier
C. Lookup and Transaction Control
D. Lookup, Source Qualifier, or Transaction Control

True or False? A Web Service Hub can be associated with more than one PowerCenter Repository Service
A. True.
B. False.

In which of the following selections are all of the transformations active?
A. Expression, Router, Joiner
B. Update Strategy, Expression, Aggregator
C. Stored Procedure, Joiner, Router
D. Router, Update Strategy, Joiner

Which transformations contain the Transformation Scope property?
A. Filter, Joiner, Rank
B. Union, Filter, Aggregator
C. Rank, Lookup, Aggregator
D. The Aggregator, Joiner, Rank, Sorter
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.