Cloud Data Integration, Specialist Certification

About the ICS Cloud Data Integration Test and the Skill Set Inventory

This test measures your competency to deliver and implement Informatica Cloud Projects as part of a project implementation team. This test covers both Informatica Cloud Data Integration and Informatica Cloud Real-Time Screenflow Integration.

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:

Key Topics from Informatica Cloud Services:
- Informatica Cloud Architecture / Secure Agent Installation
- User Management / Administration
- Building tasks using Data Synchronization and Cloud Mapping Designer
- Understanding Interoperability with PowerCenter and PWX
- Error Handling / Troubleshooting

Key Topics from Informatica Cloud Real-Time & Screenflow:
- Building and deploying headless processes & guides
- Steps – Assignment, Create, Screen, Embedded Guide, End/Milestone, Data Decision, Jump, Process Call, Service Call
- Advanced topics – working with multiple records

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):

- Cloud 101 (onDemand)
- Cloud 201 (onDemand)
- Informatica Cloud Real Time (ICRT): Guides (onDemand)
If it has been awhile since you’ve completed the Cloud Academy or equivalent instructor led classes, it’s also recommended that you review a few Informatica Cloud platform videos and webinars from Informatica Cloud’s YouTube Channel:

- **Main Informatica YouTube Channel** (look for the most current videos)
  - [https://www.youtube.com/user/InformaticaOnDemand](https://www.youtube.com/user/InformaticaOnDemand)

- **Informatica Cloud Data Integration**
  - Getting Started with Informatica Cloud (good review)
    - Watch this video to learn how to set up a data synchronization task from downloading the secure agent to creating a connection. [https://www.youtube.com/watch?v=ww8ex15LmSY](https://www.youtube.com/watch?v=ww8ex15LmSY)
  - Getting Started with the Informatica Cloud Mapping Designer. (good review)
    - This short video will show you how to get started with the Informatica Cloud Mapping Designer. With the Designer you can: [https://www.youtube.com/watch?v=fXE5U_kBMQI](https://www.youtube.com/watch?v=fXE5U_kBMQI)

- **Real-Time Process & Screenflow YouTube Playlist:**
  - [https://www.youtube.com/playlist?list=PLNPP4qnD6VQK03um2VizKIC7iAmx_S6r](https://www.youtube.com/playlist?list=PLNPP4qnD6VQK03um2VizKIC7iAmx_S6r)
  - Process Designer for Salesforce (good review) [https://www.youtube.com/watch?v=0cPHBFcAFw&list=PLNPP4qnD6VQK03um2VizKIC7iAmx_S6r](https://www.youtube.com/watch?v=0cPHBFcAFw&list=PLNPP4qnD6VQK03um2VizKIC7iAmx_S6r)
  - Informatica Cloud Service Cloud Process Demonstration: [https://www.youtube.com/watch?v=RrE4QcVFFyo](https://www.youtube.com/watch?v=RrE4QcVFFyo)

- **You’ve delivered Informatica Cloud project solutions for customers using the following features:**
  - Data Synchronization Service
  - Cloud Mapping Designer
  - Real-time Screenflow
**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>Informatica Cloud Architecture</td>
<td>17%</td>
</tr>
<tr>
<td>Cloud Mapping Designer</td>
<td>3%</td>
</tr>
<tr>
<td>Data Replication Service</td>
<td>14%</td>
</tr>
<tr>
<td>Data Synchronization, Scheduling, Monitoring</td>
<td>3%</td>
</tr>
<tr>
<td>Developer - Connectors, Connectivity &amp; REST API Usage</td>
<td>4%</td>
</tr>
<tr>
<td>Installation, User Management, Administration, Trouble Shooting</td>
<td>4%</td>
</tr>
<tr>
<td>Pre/Post-Processing Commands &amp; Parameter Files</td>
<td>3%</td>
</tr>
<tr>
<td>Informatica Cloud Real-Time Integration</td>
<td>44%</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 Cloud Data Integration.

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.

**Informatica Cloud Services Data Integration**

- Informatica Cloud Architecture
- Installation, User Management, Administration, Trouble
- Data Synchronization, Scheduling, Monitoring
- Pre/Post-Processing Commands & Parameter Files
- Cloud Mapping Designer
- Developer - Connectors & Connectivity & REST API Usage
- Data Replication Service

**Informatica Cloud Services Data Integration**

- Installation & Configuration
- Guide Creation
- Steps: Assignment, Create, Screen, Embedded Guide, End/Milestone, Data Decision, Jump,
- Using Embedded Guides
- Advanced options - working with Multiple Records (Lists)
- Mobile Guides
- Real Time Administration
Sample Test Questions

Which of the following statements is FALSE?

A. The Secure Agent enables Informatica to capture customer data and store it in the Informatica Cloud repository.
B. The Secure Agent inherits the access privileges of the user account used during installation.
C. The Secure Agent can only be installed on Windows or Linux.
D. The Secure Agent has built in health check mechanisms to ensure persistent connectivity to Informatica Cloud.
E. The Secure Agent transmits logging and monitoring information about the integration job to Informatica Cloud.

The cloud connector tool kit is:

A. A C++ based PowerCenter SDK
B. A Java based PowerCenter SDK
C. A Java based SDK that can be consumed by any Informatica engine

Which “passive” transformation would you use to create a new field?

A. Expression
B. Joiner
C. Filter

What is the purpose of the Cloud Connector Toolkit?

A. To establish connectivity to custom salesforce objects
B. None of these
C. To develop native connectors for the Informatica Cloud
D. To connect integration templates to multiple targets

What technology is required to build a Custom Integration Template?

A. Mapping Architect for Visio (MAV)
B. Informatica Data Quality
C. Informatica Cloud MDM
D. None of these.
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.