



# 70-767<sup>Q&As</sup>

Implementing a Data Warehouse using SQL

## Pass Microsoft 70-767 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/70-767.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft  
Official Exam Center

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers





## QUESTION 1

You are designing the data warehouse to import data from three different environments. The sources for the data warehouse will be loaded every hour.

Scenario A includes tables in a Microsoft Azure SQL Database:

1.

Millions of updates and inserts occur per hour

2.

A periodic query of the current state of rows that have changed is needed.

3.

The change detection method needs to be able to ignore changes to some columns in a table.

4.

The source database is a member of an AlwaysOn Availability group.

Scenario B includes tables with status update changes:

1.

Tracking the duration between workflow statuses.

2.

All transactions must be captured, including before/after values for UPDATE statements.

3.

To minimize impact to performance, the change strategy adopted should be asynchronous.

Scenario C includes an external source database:

1.

Updates and inserts occur regularly.

2.

No changes to the database should require code changes to any reports or applications.

3.

Columns are added and dropped to tables in the database periodically. These schema changes should not require any interruption or reconfiguration of the change detection method chose.

4.

Data is frequently queried as the entire row appeared at a past point in time.



All tables have primary keys.

You need to load each data source. You must minimize complexity, disk storage, and disruption to the data sources and the existing data warehouse.

Which change detection method should you use for each scenario? To answer, drag the appropriate loading methods to the correct scenarios. Each source may be used once, more than once, or not at all. You may need to drag the split bar

between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

### Answer Area

Loading methods	Scenario	Loading method
Change Tracking	A	
Change Data Capture	B	
System-Versioned Temporal Table	C	

Correct Answer:

### Answer Area

Loading methods	Scenario	Loading method
	A	System-Versioned Temporal Table
	B	Change Tracking
	C	Change Data Capture

Box A: System-Versioned Temporal Table

System-versioned temporal tables are designed to allow users to transparently keep the full history of changes for later analysis, separately from the current data, with the minimal impact on the main OLTP workload.

Box B: Change Tracking

Box C: Change Data Capture



Change data capture supports tracking of historical data, while that is not supported by change tracking.

References:

<https://docs.microsoft.com/en-us/sql/relational-databases/track-changes/track-data-changes-sql-server>

<https://docs.microsoft.com/en-us/sql/relational-databases/tables/temporal-table-usage-scenarios>

## QUESTION 2

Note: This question is part of a series of questions that use the same or similar answer choices. An answer choice may be correct for more than one question in the series. Each question is independent of the other questions in this series. Information and details provided in a question apply only to that question.

You are a database administrator for an e-commerce company that runs an online store. The company has the databases described in the following table.

Database	Description
DB1	This database supports the online store.
DB2	This is the data warehouse for the company. DB2 contains a table named OnlineOrder that is partitioned in hourly increments. The LOCK_ESCALATION option is set to <b>AUTO</b> . The data flow contains 24 OLE DB destinations, one for each partition.
DB3	This database runs Master Data Services (MDS).

Each day, data from the table OnlineOrder in DB2 must be exported by partition. The tables must not be locked during the process.

You need to write a Microsoft SQL Server Integration Services (SSIS) package that performs the data export. What should you use?

- A. Lookup transformation
- B. Merge transformation
- C. Merge Join transformation
- D. MERGE statement
- E. Union All transformation
- F. Balanced Data Distributor transformation
- G. Sequential container
- H. Foreach Loop container

Correct Answer: E

The Union All transformation combines multiple inputs into one output. For example, the outputs from five different Flat File sources can be inputs to the Union All transformation and combined into one output. References:



<https://docs.microsoft.com/en-us/sql/integration-services/data-flow/transformations/union-all-transformation>

---

### QUESTION 3

You develop a SQL Server Integration Services (SSIS) package in a project by using the Project Deployment Model. It is regularly executed within a multi-step SQL Server Agent job.

You make changes to the package that should improve performance.

You need to establish if there is a trend in the durations of the next 10 successful executions of the package. You need to use the least amount of administrative effort to achieve this goal.

What should you do?

- A. Enable logging to an XML file in the package control flow for the OnInformation event. After 10 executions, view the XML file.
- B. After 10 executions, view the job history for the SQL Server Agent job.
- C. After 10 executions, in SQL Server Management Studio, view the Execution Performance subsection of the All Executions report for the package.
- D. Enable logging to an XML file in the package control flow for the OnPostExecute event. After 10 executions, view the XML file.

Correct Answer: C

---

### QUESTION 4

You are designing an extract, transform, load (ETL) process with SQL Server Integration Services (SSIS). Two packages, Package A and Package B, will be designed. Package A will execute Package B.

Both packages must reference a file path corresponding to an input folder where files will be located for further processing.

You need to design a solution so that the file path can be easily configured with the least administrative and development effort.

Which four actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Select and Place:



Create one SSIS project containing only **Package A** and another SSIS project containing only **Package B**.

Add a **Parent Package Variable** configuration in **Package B** to set the **FilePath** variable.

Add a package parameter named **FilePath** to **Package A** and **Package B**.

Add a configuration file in **Package A** to set the **FilePath** value.

Configure the project to use an Environment that sets the **FilePath** parameter.

Deploy the project to the SSIS catalog.

Create an SSIS project containing **Package A** and **Package B**.

Add a project parameter named **FilePath**.

Correct Answer:

Create one SSIS project containing only **Package A** and another SSIS project containing only **Package B**.

Add a **Parent Package Variable** configuration in **Package B** to set the **FilePath** variable.

Add a package parameter named **FilePath** to **Package A** and **Package B**.

Add a configuration file in **Package A** to set the **FilePath** value.

Create an SSIS project containing **Package A** and **Package B**.

Add a project parameter named **FilePath**.

Deploy the project to the SSIS catalog.

Configure the project to use an Environment that sets the **FilePath** parameter.

## QUESTION 5

You are developing a Microsoft SQL Server Integration Services (SSIS) package. You enable the SSIS log provider for the Windows event log. You configure the package to use the ScriptTaskLogEntry event. You create a custom Script task.

You need to ensure that when the script completes, it writes the execution status to the event log on the server that hosts SSIS.





Which code segment should you add to the Script task?

- A. `System.Diagnostics.EventLog.WriteEntry("SSIS", "Script executed with return result" + ScriptResults.Success, System.Diagnostics.EventLogEntryType.Information)`
- B. `System.Diagnostics.EventLog.WriteEntry("SSIS", "Script executed with return result" + Dts.TaskResult, System.Diagnostics.EventLogEntryType.Information)`
- C. `Dts.TaskResult = (int)ScriptResults.Failure`
- D. `Dts.Events.FireInformation(0, "SSIS", "Script executed with return result" + Dts.TaskResult, String.Empty, 0)`

Correct Answer: B

<https://support.microsoft.com/en-gb/help/906560/how-to-write-information-to-the-application-event-log-by-using-a-scrip>

[70-767 PDF Dumps](#)

[70-767 VCE Dumps](#)

[70-767 Exam Questions](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

## Try our product !

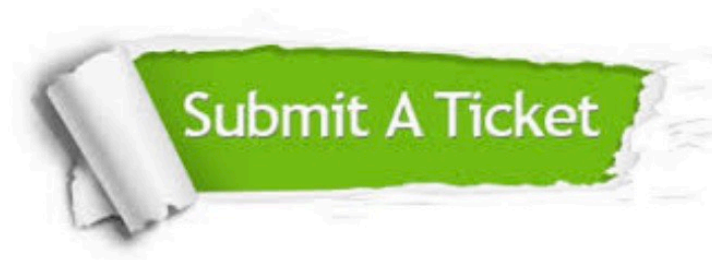
100% Guaranteed Success  
100% Money Back Guarantee  
365 Days Free Update  
Instant Download After Purchase  
24x7 Customer Support  
Average 99.9% Success Rate  
More than 800,000 Satisfied Customers Worldwide  
Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications.  
You can view Vendor list of All Certification Exams offered:

<https://www.geekcert.com/allproducts>

## Need Help

Please provide as much detail as possible so we can best assist you.  
To update a previously submitted ticket:



 <b>One Year Free Update</b> Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.	 <b>Money Back Guarantee</b> To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.	 <b>Security &amp; Privacy</b> We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.
---	---	--

Any charges made through this site will appear as Global Simulators Limited.  
All trademarks are the property of their respective owners.  
Copyright © geekcert, All Rights Reserved.