Vendor: Qlik

Exam Code:QSDA2018

Exam Name: Qlik Sense Data Architect Certification
Exam

Version: Demo

QUESTION 1

Refer to the exhibits.

```
Section Access;
LOAD * inline [
ACCESS, USERID, REGION
ADMIN, DOMAIN\A, NORTH
ADMIN, DOMAIN\A, WEST
ADMIN, DOMAIN\B, EAST
ADMIN, DOMAIN\C,
ADMIN, DOMAIN\d, *
];

Section Application;
LOAD * inline [
REGION,
NORTH,
EAST,
WEST,
SOUTH
];
```

Which values of the REGION field will be visible for User C when the user opens the app?

A. EAST, WEST, and SOUTH

B. NORTH, EAST, and WEST

C. NORTH, EAST, WEST, and SOUTH

D. EAST and WEST

Correct Answer: C

QUESTION 2

Refer to the exhibit.

```
LIB CONNECT TO 'SQL (abc_qservice)';

OrderHeader:
LOAD CustomerID,
    EmployeeID,
    OrderDate,
    OrderID;
SQL SELECT CustomerID,
    EmployeeID,
    OrderDate,
    OrderID
FROM orders;

OrderData:
LOAD
    OrderID,
    OrderSalesAmount
FROM [lib:QVD (abc_qservice)/OrderData.qvd]
(qvd);

OrderDetail:
LOAD LineNo,
    OrderID,
    ProductNumber,
    Price;
SQL SELECT *
FROM orderdetails;
```
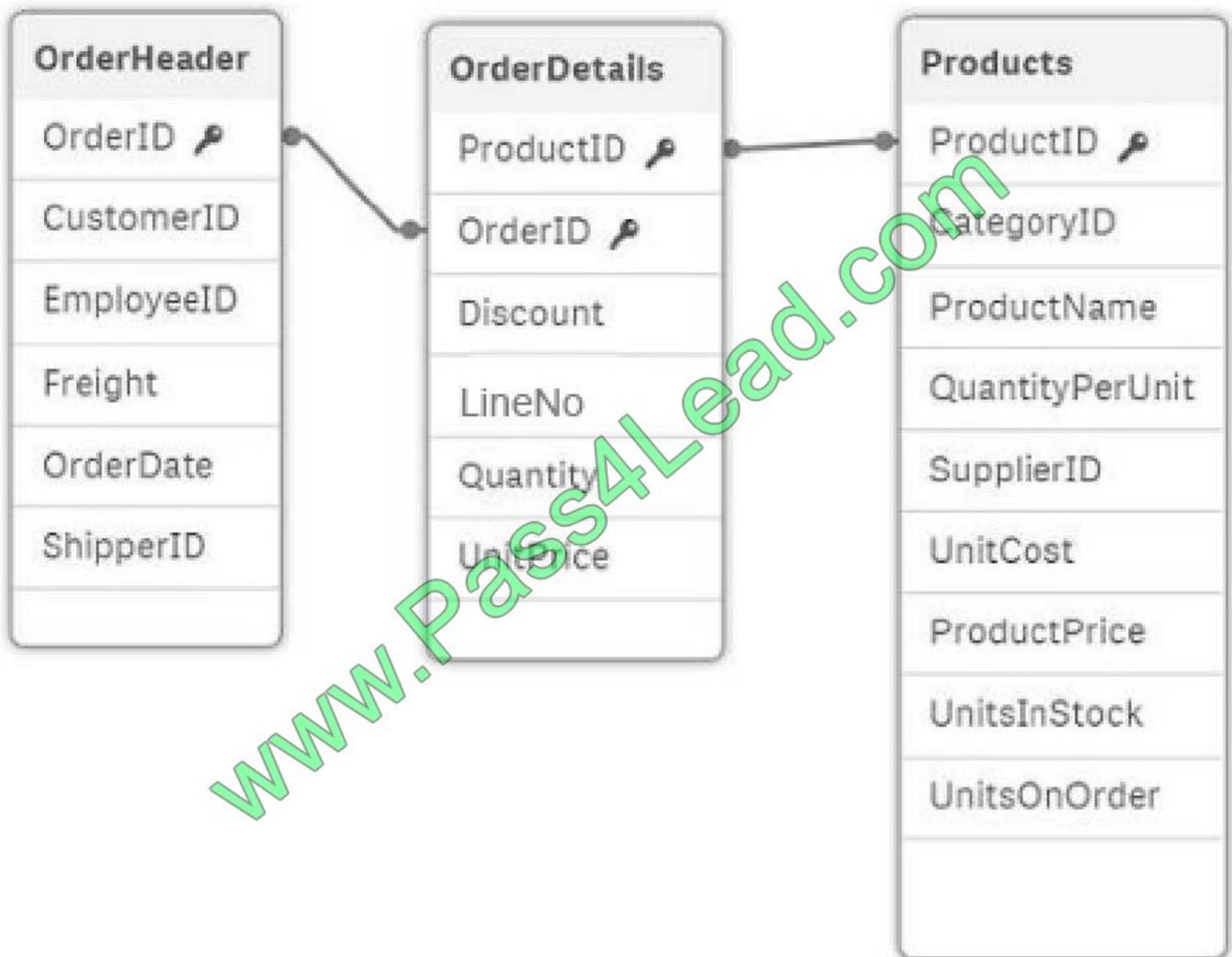
An existing app on Qlik Sense Enterprise is duplicated and transferred to a data architect to add some additional data. When trying to manually reload the original script, the data architect receives an error. What should be done to make sure the script runs correctly?

A. Add the line LIB CONNECT TO `SQL (abc_qservice)\\'; before the LOAD for the OrderDetail table.

B. Give the data architect the Read rights on the data connections in the QMC.

C. Make the data architect the owner of the app in the QMC.

D. Add the LIB CONNECT TO `QVD (abc_qservice/OrderData.qvd)\\'; before the LOAD for the OrderData table.

Correct Answer: A

QUESTION 3

Refer to the exhibit.

In the data load editor, the tables are loaded in the following sequence:

1.

 OrderHeader

2.

 OrderDetails

3.

 Products

The three tables CANNOT be modified as all fields are required. A data architect must create a Cost of Goods Sold (COGS) field calculated as UnitCost* Quantity. Some products may NOT have UniCost, so the COGS value must be zero for these products.

How should the data architect meet this requirement?

A. 1. Load the Products table as the first table

2. Create a new field in the OrderDetails table: Quantity * IsNull (UnitCost) as COGS

B. 1. Perform a preceding load on the Product table

2. Create a new field in the OrderDetails table: if((UnitCost ?null() or ", 0) * Quantity as COGS

C. 1. Join the Products and OrderDetails on ProductID

2. Create a new field in the OrderDetails table: Replace(Null, 0, UnitCost) * Quantity as COGS

D. 1. Create a mapping load table as the first table from the Product table

2. Create a new field to the OrderDetails table: ApplyMap (`UnitCost_Map\\', ProductID, 0) * Quantity as COGS

Correct Answer: D

QUESTION 4

Refer to the exhibit.


```
Section Access;
Load * Inline [
ACCESS, USERID, Country
USER, DOMAIN\USER1, ITALY
USER, DOMAIN\USER2, Spain
ADMIN, DOMAIN\USER0 GERMANY
];

Section Application;
Load * Inline [
COUNTRY
ITALY
Spain
GERMANY
];
```

The data architect is using section access to meet the security requirements of an app. After the first draft, the data architect discovers that users can NOT see the right subset of data. Which solution should a data architect use to fix this issue?

A. Associate the Section Access table with the data model

B. Name the field for data reduced as "SectionAccess"

C. Capitalize field names and values

D. Capitalize only field values

Correct Answer: C

QUESTION 5

A data architect is working on a time and expense app for an organization that has Sales, Marketing, and Finance departments/ Department managers should only be able to view the data for their department\\'s team members. Where should the data architect apply this security restriction?

A. Data load editor

B. Qlik Management Console

C. Expression editor

D. Data manager

Correct Answer: A

QUESTION 6

Refer to the exhibit.

The business analyst previews some data and notices different values for the United States in the Country field. The analyst must be able to report the total sales for the United States. The data architect must fix this issue in the LOAD script. Which function should the data architect use to fix data quality issue?

A. Switch

B. ApplyMap

C. Case

D. Replace

Correct Answer: B

QUESTION 7

Refer to the exhibits.

	A	B	C
1	Revenue		
2	Date	Product	Revenue
3	01.01.2018	Product A	5600
4	01.02.2018	Product B	4800
5	01.03.2018	Product A	5200
6	01.04.2018	Product B	4600
7	01.05.2018	Product A	5100
8	01.06.2018	Product B	4400
9	01.07.2018	Product A	4800
10	01.08.2018	Product B	3200
11	01.09.2018	Product A	4400
12	01.10.2018	Product B	1200

	A	B	C
1	Customer Survey		
2	SurveyDate	SurveyProduct	SurveyScore
3	01.01.2018	Product A	9
4	01.02.2018	Product B	8
5	01.03.2018	Product A	7
6	01.04.2018	Product B	8
7	01.05.2018	Product A	6
8	01.06.2018	Product B	6
9	01.07.2018	Product A	6
10	01.08.2018	Product B	5
11	01.09.2018	Product A	5
12	01.10.2018	Product B	2

A company notices that product sales have decreased. A data architect needs to create an app to show the correlation between the decreased revenue and the latest customer survey results. Which Qlik Sense feature should the data architect use to meet this requirement?

A. Section access

B. On-demand App Generation

C. Master item library

D. Associative data model

Correct Answer: C

QUESTION 8

Refer to the exhibit.

```
[Order Header]:
LOAD
     [OrderNum],
     [OrderDate],
     [Division],
     [Price],
     [Currency]
 FROM [lib://Data/Order.xlsx]
(ooxml, embedded labels, table is Sheet1)
WHERE Division = 'North America';

[Order Details]:
LOAD
     [OrderNum],
     [Customer],
     [Line Number],
     [Product],
     [Line Amount],
     [Qty]
 FROM [lib://Data/OrderDetails.xlsx]
(ooxml, embedded labels, table is Sheet1)
```

A data architect loads order data for a global sales organization. The Order Details contains 100 million rows. The data architect must load only the data for the North America division. Which WHERE clause should the data architect use in the Order Details LOAD script?

A. WHERE Division = `North America";

B. WHERE Exists(OrderNum);

C. WHERE OrderNum = [Order Header].[OrderNum];

D. WHERE Exists(`North America\\');

Correct Answer: B

QUESTION 9

The dates are stored as strings in the database. The data architect must convert the dates to date format. The reload must be as fast as possible. Which script should the data architect use?

A.
```
Transactions:
LOAD * ;
SQL SELECT Date#(TransactionDate,'YYYY-MM-DD') as TransactionDate FROM ...;
```

B.
```
Transactions:
LOAD Date#(TransactionDate,'YYYY-MM-DD') as TransactionDate;
SQL SELECT TransactionDate FROM ...;
```

C.
```
T1:
LOAD *;
SQL SELECT TransactionDate FROM ...;
Transactions:
LOAD Date#(TransactionDate,'YYYY-MM-DD') as TransactionDate resident T1;
Drop table T1;
```

D.
```
Transactions:
LOAD * ;
SQL SELECT Date(TransactionDate,'YYYY-MM-DD') as TransactionDate FROM ...;
```

A. B. C. D.

Correct Answer: B

QUESTION 10

Refer to the exhibit.

Name	Country
Bob	USA
John	US
Fred	U.S.A.
Amy	France

The Country field in a CRM app is a free-form text field. More spelling variations and countries are expected in the future. A data architect must create a field called CountryCode based on the value in the Country field. Which script should the data architect create to perform this task?

A.
```
LOAD Name,
    Pick(Match(Country,'USA','US','U.S.A.','France'),'USA','USA','USA','FRA') AS CountryCode;
```

B.
```
CountryCode:
MAPPING LOAD * INLINE [
  Country, CountryCode
  USA, USA
  US, USA
  U.S.A., USA
  France, FRA
];

Persons:
LOAD Name,
    ApplyMap('CountryCode',Country,'UNK') AS CountryCode;
```

C.
```
LOAD Name,
    If (Left(Country,1)='U','USA','FRA') AS CountryCode;
```

A. B. C.

```
CountryCode:
LOAD * INLINE [
  Country, CountryCode
  USA, USA
  US, USA
  U.S.A., USA
  France, FRA
];

Persons:
JOIN LOAD Name,
    Country;
```

D.

Correct Answer: B

QUESTION 11

Refer to the exhibits.

Year	Region	Budgeted Sales
2015	North	10
2015	West	12
2015	East	14
2015	South	16

Year	Region	Semester	Actual Sales
2015	North	1	10
2015	North	2	8
2015	West	1	12
2015	West	2	11
2015	East	1	14
2015	East	2	9
2015	South	1	16

A data architect must load the two tables without creating a synthetic key. The data architect also must make sure expressions like Sum ([Budgeted Sales]) are calculated correctly. Which load script meets these requirements?

A.

```
Budget:
load * inline [
Year, Region, Budgeted Sales
2015, North, 10
2015, West, 12
2015, East, 14
2015, South, 16];

Sales:
inner join(Budget)
load * inline [
Year, Region, Semester, Actual Sales
2015, East, 2, 9
2015, South, 1, 16
2015, South, 2, 7
];
```

B.

```
Budget:
load * inline [
Year, Region, Budgeted Sales
2015, North, 10
2015, West, 12
2015, East, 14
2015, South, 16];

Sales:
concatenate(Budget)
load * inline [
Year, Region, Semester, Actual Sales
2015, North, 1, 10
2015, North, 2, 8
2015, West, 1, 12
2015, West, 2, 11
2015, East, 1, 14
2015, East, 2, 9
2015, South, 1, 16
2015, South, 2, 7
];
```

A. B.

C.
```
Budget:
load * inline [
Year, Region, Budgeted Sales
2015, North, 10
2015, West, 12
2015, East, 14
2015, South, 16];

Sales:
load * inline [
Year, Region, Semester, Actual Sales
2015, North, 1, 10
2015, North, 2, 8
2015, West, 1, 12
2015, West, 2, 11
2015, East, 1, 14
2015, East, 2, 9
2015, South, 1, 16
2015, South, 2, 7
];
```

D.
```
Budget:
load * inline [
Year, Region, Budgeted Sales
2015, North, 10
2015, West, 12
2015, East, 14
2015, South, 16];

Sales:
outer join (Budget)
load * inline [
Year, Region, Semester, Actual Sales
2015, North, 1, 10
2015, North, 2, 8
2015, West, 1, 12
2015, West, 2, 11
2015, East, 1, 14
2015, East, 2, 9
2015, South, 1, 16
2015, South, 2, 7
];
```

C. D.

Correct Answer: B

QUESTION 12

Refer to the exhibits.

Expected View

SalesPerson	Quota	OrderNumber	Value
Alice	16000000	1281	500000
Alice	16000000	1600	102000
Alice	16000000	12345	240000
Bill	12000000	-	-
Fred	14200000	-	-
Susan	12750000	1465	320000
Tom	10000000	1010	563000

Actual View

SalesPerson	Quota	OrderNumber	Value
Alice	16000000	1010	563000
Alice	16000000	1281	500000
Alice	16000000	1465	320000
Alice	16000000	1600	102000
Alice	16000000	12345	240000
Bill	12000000	1010	563000
Fred	14200000	1281	500000
Fred	14200000	1465	320000
Fred	14200000	1600	102000
Fred	14200000	12345	240000
Susan	12750000	1010	563000
Susan	12750000	1281	500000
Susan	12750000	1465	320000
Susan	12750000	1600	102000
Susan	12750000	12345	240000
Tom	10000000	1010	563000
Tom	10000000	1281	500000
Tom	10000000	1465	320000
Tom	10000000	1600	102000
Tom	10000000	12345	240000

Quotas Table:

SalesPerson	Quota
Tom	10000000
Bill	12000000
Fred	14200000
Susan	12750000
Alice	16000000

Orders Table:

Salesperson	OrderNumber	Value
Tom	1010	563000
Alice	12345	240000
Alice	1281	500000
Susan	1465	320000
Alice	1600	102000

```
Quotas:
LOAD [SalesPerson],
    [Quota]
 FROM [lib://Exam/Quotas and Orders.xlsx]
(ooxml, embedded labels, table is Quotas);

Orders:
LOAD [Salesperson],
    [OrderNumber],
    [Value]
 FROM [lib://Exam/Quotas and Orders.xlsx]
(ooxml, embedded labels, table is Orders);
```

Which corrective action should be taken to achieve the expected view?

A. Alias one of the fields in the Orders table.

B. Use distinct in the LOAD statement.

C. Use Upper () to align the SalesPerson fields.

D. Add a link table.

Correct Answer: A

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