

Reportnet Interview Questions And Answers Guide.



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Reportnet Job Interview Preparation Guide.

Question # 1

Explain What is difference between query studio and report studio?

Answer:-

Query Studio:

1. Used to create Ad-hoc (or) simple reports.
2. It does not provide any pre-defined report templates.
3. It directly displays data (without running the report) when we insert attributes in the report.

Report Studio:

1. Used to create complex reports.
2. It provides pre-defined report templates.
3. It does not display the data directly in the report. We need to run the report to display the data.

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Question # 2

Is Framework Manager an un-needed overhead? As we know Report Studio allows us to create the data model from a query and thereby skipping Framework Manager. Given that this feature is available, in what scenarios would one want to skip Framework Manager?

Answer:-

Actually the it is not possible to make reports without packages and packages can be build in FM. So no way one can skip FM and create reports. Adding to it, we need metadata (created in FM) to create relations among tables or views and also creating objects which satisfies reporting need.

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Question # 3

Explain What are necessary tasks to install reportnet software?

Answer:-

You need to do the following for a standard installation process:

- (1) Verify your system requirements like RAM Minimum: 512 MB, a Web server installed and started
- (2) Review the ReportNet default settings like default ReportNet ports and URI settings.
- (3) Create the database for the content store which means you must create the database that is used for the content store using either Oracle, Microsoft SQL Server, or DB2 UDB. ReportNet uses this database to store, organize, and retrieve information.
- (4) Install ReportNet: Use the installation wizard to select the components you want to install and the location on your computer where you want to install them.
- (5) Set up the database client for the content store (Oracle and DB2): If you use Oracle or DB2 as the database server for the content store, additional steps are required after you install ReportNet before you can configure ReportNet.
- (6) Update Your Java Environment: Before you can use the cryptographic operations, such as data encryption and key management, implemented by ReportNet, you must check that the required JAR (Java Archive) files are present in your Java Runtime Environment (JRE).

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Question # 4

What is the Difference between PowerPlay transformer and power play reports?

Answer:-

'Powerplay transformer' is an 'MOLAP' tool using which one can create multi dimensional structure called "CUBE".

'Powerplay for reports' is used to generate report from the cube. Only one report can be generated from one cube. If you want 'n' reports you must create 'n' cubes.

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Question # 5

Explain What are the advantages of query studio compared to report studio?

Answer:-



The query studio is used to create adhoc reports, it is easy to understand the bussiness user.The report studio is mainly used to create proffessional and corporate reports, it is not like query studio it is having mainly 3 explorers those are page explorer,conditional explorer and variable explorer by using these it is working. You can view the output in the work area itself while creating the reports in QS but in report studio only when u run the report you can view the values ie the output.

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Question # 6

How to generate the cubes in framework manager?

Answer:-

You can create the IQD file from framework manager.
This IQD file will be used by Transformer to create the cube.
Use Externalize method to import IQD files.

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Question # 7

How to test report in reportnet?

Answer:-

If we wanna test the report in report net, first we can intially check by validating it in the report page.
After that we can test the out put of the report Using a sql anlyser and sql query.so here we will be comparing the sql analyzer output with the output of the report viewer.

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Question # 8

Explain Wht is the extension of file to save template?
What is the difference between drill through and masterdetail reports?

Answer:-

Template extension is .imt

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Question # 9

Explain Is there any comparison available for Cognos Reportnet Vs Crystal reports?

Answer:-

There is a lot of difference between Crystal reports an Cognos Report net.
1.Crystal report is a product of Business Objects where as Reportnet is of cognos.
2.Cryatal reports is for only low 2 midrange analysis and that to some even says tha they wont use this for analysis used to make proper strategic decision But report net yes it is for high end analysis.
3.In reportnet we can login through web and can create our own desired report through web.

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Question # 10

Suppose your client wants to ensure only specific users can create reports in Query Studio with other users creating reports using Report Studio. How can this be accomplished?

Answer:-

Create 2 roles . One role can be given access to create reports in RS and the other role may be denied.

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Question # 11

How to provide security in frame work manager for a query subject?

Answer:-

procedure for providing security for query subject in frame work manager is:
select querysubject -> in properties pane select ->security filters(click on edit)a specify data security wizard appears->click on add groups -> cognosnamespace(select users and groups wizard opens)

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Question # 12

Explain What are the various file formats involved in reportnet?

Answer:-

It has six (6) formats in report net. They are HTML, PDF, Excel 2000, Excel 2002, CSV, and XML format. We can see the types of formats in the report viewer on the right side

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Question # 13

Explain What is the main advantage of impromptu over cognos reportnet?

Answer:-

One of the advantage's of Reportnet, is



1. It is web-based reporting wherein, reports can be easily accessed from anywhere through a browser. by using ipromptu we can use multidimensional analysis to see the data in diff formates.i.e we have drillup,drilldown features in cognos impromptu,but it is not possible in reportnet.

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Question # 14

What function should we use to display the value entered or selected by a user in response to a prompt?

Answer:-

We have a function called param Display Value. By using this function we can display the parameter value selected in prompt.

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Question # 15

How to limit the max no of rows retrieved in the report?

Answer:-

We can limit the maximum number of rows by setting the web page size option in the manage file tab in the report studio.

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Question # 16

What is the use of tabular model, tabular SQL, tabular reference in real time application?

Answer:-

Tabular model: It is the basic list query. It contain the data items, filters and child tabular objects.

Tabular SQL: We can write and edit our own SQL

Tabular ref: It is a shortcut to another tabular object somewhere in another query within the same report specification.

Tabular set: Tabular set object returns a single result set using union, intersect or minus operators

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Question # 17

How to drill through from a powerplay cube to reportnet?

Answer:-

Setting up drill-through access from PowerPlay Web to ReportNet involves

1. configuring Cognos Series 7 for drill-through access to ReportNet
2. preparing the Transformer model and cube
3. copying the search path of the folder that contains the target report
4. enabling the cube for drill-through access to ReportNet
5. deciding which filters to create in the target report
6. creating the target report
7. disabling the Drill Through Assistant

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Question # 18

Explain the versions of reportnet?

Answer:-

In ReprotNet have two veritions

- 1) ReportNet 1.0
- 2) ReportNet 1.1 MR1, MR2

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Question # 19

Explain the difference between DW and BI?

Answer:-

There may be a Feature film (movie) without a Trialer.But there will be no trialer without a movie.similarly Data warehousing is a concept related to extracting client's business data and applying business processing features on that data according to user needs and finally loading the processed data into a database,this database is what we call a warehouse or data warehouse. After the completion of a data warehouse the business user ultimately want to view his data (a precise and summary data)but as a business person he may don't have knowledge of accessing a database(a computer person can access the database with SQL)..so there comes olap toos(which help that person to access the database)we can call these olap tools as Business Intelligence tools(Intelligence in sense they generate sql queries internally and provide lot of facilities and privileges for a reporting developers in formating the data and presenting it in a hightly convenient manner). So data warehouse(movie) is a database and business intelligence tools(trialers) present the content of a database in an effecticient manner.

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Question # 20

What is prompt types of prompts?use of prompts syntax of prompt?

Answer:-

Prompts act as questions that help users to customize the information in a report to suit their own needs.The different types of Prompt are

- Value prompt
- Text Prompt
- Date prompt



Time prompt

Date and time prompt

Using prompts is faster and easier than repeatedly changing the filter.

Cognos Report Studio provides several ways to create prompts. You can

- * use the Build Prompt Page tool
- * build your own prompt and prompt page
- * create a parameter to produce a prompt
- * create a Prompt directly in a report page

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Question # 21

How to allow a dynamic selection of a column for a measure in a chart, without using Variable?

Answer:-

We can do it in this way. first create a list report in which you have a calculated item in the starting.

Then create a prompt page with a value prompt. In value prompt create static choice of which you want to be dynamically displayed.

Let the parameter of value prompt be '?Par1?' and the choices as Revenue, Cost.

Now you write the expression of the calculated item in the report page as follows, "If ?Par1?=Revenue then Revenue else Cost.

Here Revenue, Cost should be dragged from the Model Items. So now the calculated item column displays the value of the one selected in the prompt.

Now make a graph using the list report, then place the calculated item on the axis of the chart, which you wanted to display dynamically based on your selection.

So now if you select Revenue in the prompt then the graph will take the values for Revenue. And if you select Cost then the graph will be with the values of Cost.

Let me know whether this is working good or not, for my confirmation.

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Question # 22

How to define a cube??

Answer:-

It is a multidimensional view of dimension and measures. It is used to analyze the data in various aspects, which is called slicing and dicing

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Question # 23

Explain What are components of report studio?

Answer:-

Components of Report Studio:

1. Insertable Objects pane.
2. Properties pane.
3. Explorer bar - Conditional Explorer, Query Explorer, Page Explorer.
4. Report Viewer - Workarea, Report Layout Objects.

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Question # 24

Explain the difference between Native SQL and Cognos SQL?

Answer:-

In Cognos ReportNet

Native SQL is used for the single data source to import the meta data

Cognos SQL used for multiple data sources to import the metadata

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Question # 25

Explain What are components of ReportNet?

Answer:-

ReportNet has a three-tier architecture, namely,

- (1) Web server
- (2) Applications and
- (3) Data.

The tiers are based on business function, and are typically separated by firewalls. ReportNet user interfaces sit above the tiers. ReportNet user interfaces include

- (a) Web-based Cognos Connection, Cognos Report Studio, and Query Studio
- (b) Windows-based Framework Manager

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Question # 26

Explain What is the Difference between PowerPlay transformer and power play reports?

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'Powerplay for reports' is used to generate report from the cube. Only one report can be generated from one cube. If you want 'n' reports you must create 'n' cubes.

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Question # 27



Explain What are the advantages and disadvantages of reporting directly against the database?
Do you always need to copy the data before reporting on it?(example, real-time & on-demand reporting is a requirement)?

Answer:-

There isn't any need to copy the data before reporting on as long as the data is clean. But if the data is not clean it should be cleansed and so go for ETL process.
Adv of reporting directly against the database(OLTP): No need to separately maintain a Database for it.(Space consumption is reduced).
Disadv of reporting directly against the database(OLTP): It slows down the process bcoz OLTP system is designed for the online application but a DataWarehouse application which requires to do analysis and hence takes the same data but takes a long time.

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Question # 28

Suppose we want to display zero when null values coming to report how can we do that?

Answer:-

You can follow this procedure :::
Let's assume revenue is the field in which we have to display null values as 0.
First create a calculated item and
Then write the expression of the cal item using If Then Else construct as
If (Revenue is null) Then ('0') Else(Revenue)
I think u can easily understand this.
Now u can see that the null values r displayed as '0' in the calculated item.
Select the data item in which you want to replace null with 0 .Go to Properties pane, Click Data Format, in this put 0 in Missing value Characters.

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Question # 29

How to create prompts in report net?

Answer:-

Prompts is mean by the end user can be filter the data.
1. u can open the explore bar and added the new prompts page. And enter the new name.
2. u go to tool menu and track prompts button
3. u select prompts and then ok

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Question # 30

Explain How to generate IQD file from framework manager?

Answer:-

Create a Query Subject, from the properties pane select externalise,there we have 4 options in that select IQD

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Question # 31

Explain Can report net connect multiple datasource at a time in report creation time?

Answer:-

Yes it can connect multiple datasources at a time when the frame work manager has the meta data regarding that datasources.

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Question # 32

Explain the difference between filter and condition?

Answer:-

The difference between Filter and Condition:Condition returns true or false Ex: if Country = 'India' then ...Filter will return two types of results1.Detail information which is equal to where clause in SQL statement2.Summary information which is equal to Group by and Having clause in SQL statement

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Question # 33

What is difference between model & package?

Answer:-

Model is a representation of the metadata structures(imported from the source datawarehouse).A model contains organized metadata objects(organizing depends on business needs).After the completion of a model(obviously in a framework manager environment) it has to be submitted to ReportNet server.Then enters the object called Package.A Package compresses(or includes) the developed meta data definitions and publishes (forwards) it to ReportNet server.Then the reportnet server moves it into a content store(repository) and now this repository acts as a source for report developers for generating various types of reports(list reports, cross tab reports etc etc.)

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Question # 34

Explain What is the difference between Native SQL and Cognos SQL?

Answer:-

In cognos reportnet



Native SQL is used for the single datasource to import the meta data
Cognos SQL used for multiple datasources to import the metadata

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