

Informatica Questions

1. Difference between Connected and Unconnected Lookups and their usage
2. Incremental Aggregation usage.
3. Elimination of duplicate records without using dynamic lookups.
4. Lookup Caches Options. Including persistent caches
5. Difference between Flat files and Relational Sources (w.r.t Lookup & Joiner transformations)
6. Session Partitioning.
7. How to join the two Tables with out using the Joiner Transformation. Advantages of joiner over lookup and vice versa.
8. Small Case Study (E.g)
9. What is the optimization techniques used in the previous projects? (more questions on the previous projects)
10. Identifying bottlenecks in various components of Informatica and resolving them.
11. Features & functioning of router, joiner, aggregator, update strategy, lookup & Mapplets etc.
12. Give details about the projects where u have used Informatica as a tool.
13. Give instances in the project where Informatica was having performance bottlenecks and how u went about tuning the mappings
14. What was the level of complexity in the mappings that u have so far worked. Give examples
15. Can Informatica be used as a cleansing tool ? If yes , give examples of transformations that can implement a data cleansing routine
16. How would u estimate the size of aggregator transform data and index cache?
17. How do u decide whether u need to do aggregations at database level or at Informatica level ?
18. How would u estimate the size of Look up transform data and index cache ?
19. Give a way in which u can implement a real time scenario where data in a table is changing and u need to look up data from it. How will u configure the look up transform for this purpose ?
20. How do u estimate the depth of the session scheduling queue ? Where do u set the number of maximum concurrent sessions that Informatica can run at a given time?
21. How do u really know that paging to disk is happening while u are using a look up transform ? Assume u have access to Unix box.
22. How do u set partition points in the mapping ?
23. How do u estimate the number of partitions that a mapping really requires ? Is it dependent on the machine configuration ?
24. Assume u have a 24 CPU machine with 24 GB RAM, suggest how u would like to configure Informatica , like number of concurrent sessions , RAM requirements etc , max partitions that u would permit per mapping.

Note:

- **More Questions on Previous Experience of Optimization.**
- **Each project in the resume will be questioned for the roles, problems and solutions.**

Oracle

1. What are New features of Oracle 8i
2. Types of indexes and the rationale behind choosing a particular index for a situation.
3. How the Indexes are Stored in the Oracle Database?
4. How the Oracle Prepares the Execution Plan and How it chooses the Optimal one?
5. Various types of hints and their usage
6. Various types of joins
7. Optimizers in Oracle (Rule based & cost based, Effect of hints in rule based environment)
8. What is the difference between UNION and UNIONALL
9. What is Partitioning? Types of partitioning. Explain? What is the new kind of partitioning type introduced in 9i?
10. What are the things that you will consider while creating indexes on partitioning tables.
11. What happens to the global index when I truncate the data in one of the partition?
12. What kind of work you have done in database archiving?
13. Have you ever worked in an environment where sybase and oracle databases were involved? Like migrating data between them.?
14. What are the advantages of running a database in Archivelog mode?
15. What are the advantages of running a database in NoArchivelog mode?
16. What is Materialized view? What is a snapshot? What are the similarities and differences between Materialized views and snapshots?
17. How do you setup a replication site?
18. What is a Nested Loop Join?
19. When do you go for hash partitioning?
20. What tuning techniques you have used in your projects?
21. Tell about other projects where you have solved technically challenging problems.
22. Have you worked on RAID technology? Which is better RAID 0+1 or RAID 5?
23. How do get database name at SQL Prompt?
24. Does your current role as database consultant, involve customer interaction?
25. Scenario: A bulk loading onto a very large table is taking considerable long time. What are the various factors (h/w, s/w) that are likely to be the reasons for this?
26. What is the scenario where you take the database to NoArchivelog mode?
27. Does the query needs a hint to access a materialized view?
28. What is Analyze command? What kind of statistics does it generate?
29. How do you know the total number of rows in a table?
30. Have you worked on Oracle 9i?
31. Have you written any shell scripts?
32. What are Archived Logs?
33. What are bit-map indexes? How does they work?
34. What are database links?