

SAP BO Environment Analysis & Performance Tuning

About Customer:

- ❖ The client is from trading firm who is responsible for all trades in stock market from different sectors.

Objective:

- User having source systems as GreenPlum and TEXT files and data extracted into 50+ Universes from GreenPlum DB.
- Client is facing performance issue with single node architecture where 1500+ reports are created and running on system (few are adhoc and few are scheduled).

Solution :

- After BO universe analysis, suggested to improve the array fetch size from 100 rows to 1000 rows as per the available hardware configuration.
- Suggested to implement the multi node architecture to share work load between two node which help to improve the performance.
- Suggested to implement short cut joins wherever possible to improve the performance.
- Suggested to weekly/Monthly housekeeping on server temporary files which are occupying free memory and making BO system to slowdown. When we check there is 5GB of unrequited temp files are available which need to be clean as part of housekeeping.
- Suggest to select multiple SQL statement for each measure or Context to avoid any kind of data issues.

Key Offering/ Benefits to Customer:

- ✓ After implementing above suggested solutions, client can improve the performance by 25% faster than current case.
- ✓ Quick delivery - 1 Person in 3 months

