How to Use Network Test in oracle Applications

Use the Network Test window to evaluate the performance of network with Oracle Applications.

The Network Test consists of a Following tests.

1. **Latency Test**

   It examines the time taken for a single packet to make a round trip from the client side application to the server.

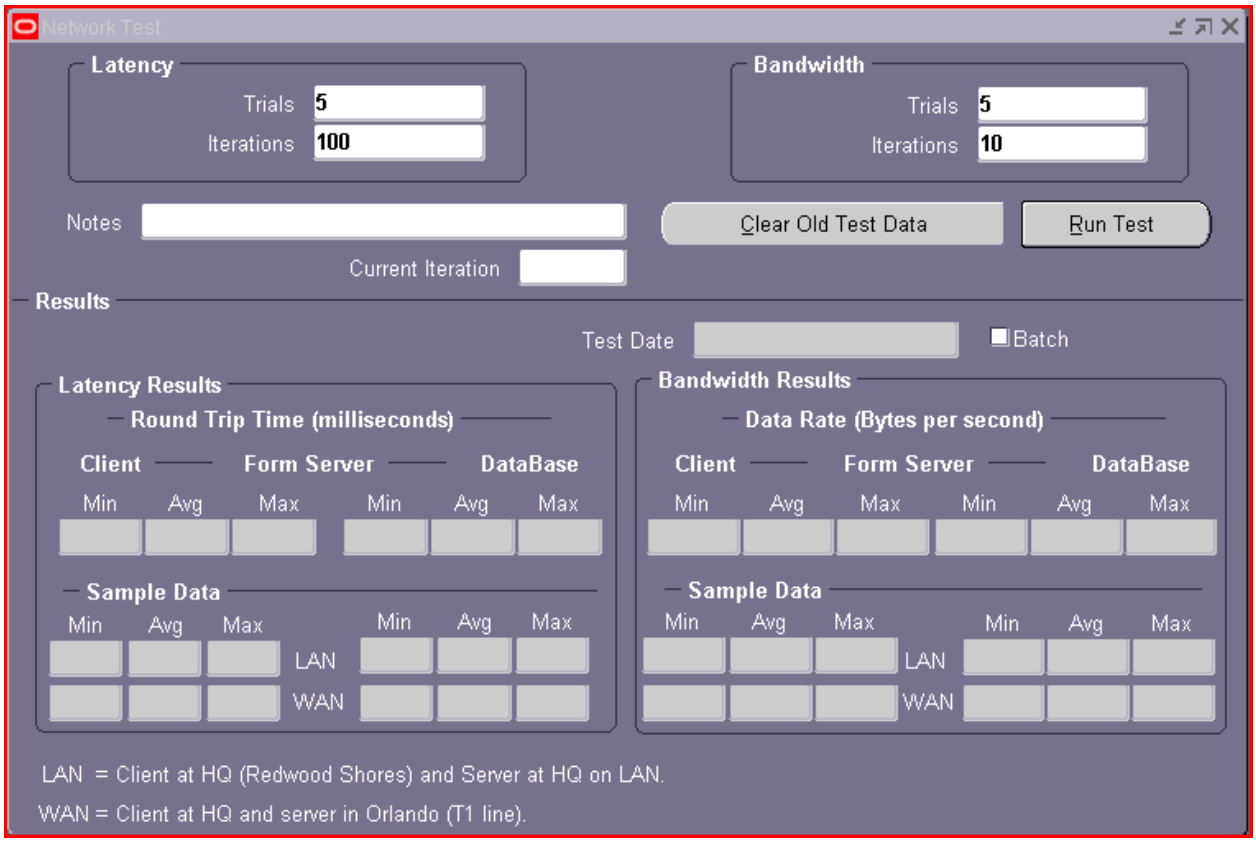
   Note: - Latency is time delay between the moment something is initiated and the moment its first effect begins.

2. **Bandwidth Test**

   It examines the data rate to see how many bytes per second the network can transfer from the server to the client.

We can provide notes to indicate the conditions for each test run.

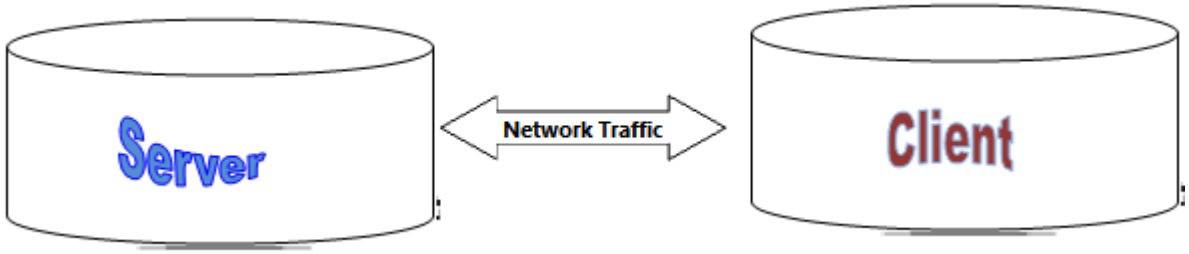
1. To test **latency** on a network
2. Navigate to **Application → Network Test** By using System Administrator Responsibility
3. Use the Clear Old Test Data button to purge previous test results from your database
4. Specify the number of Trials and the Iterations for latency and bandwidth trial



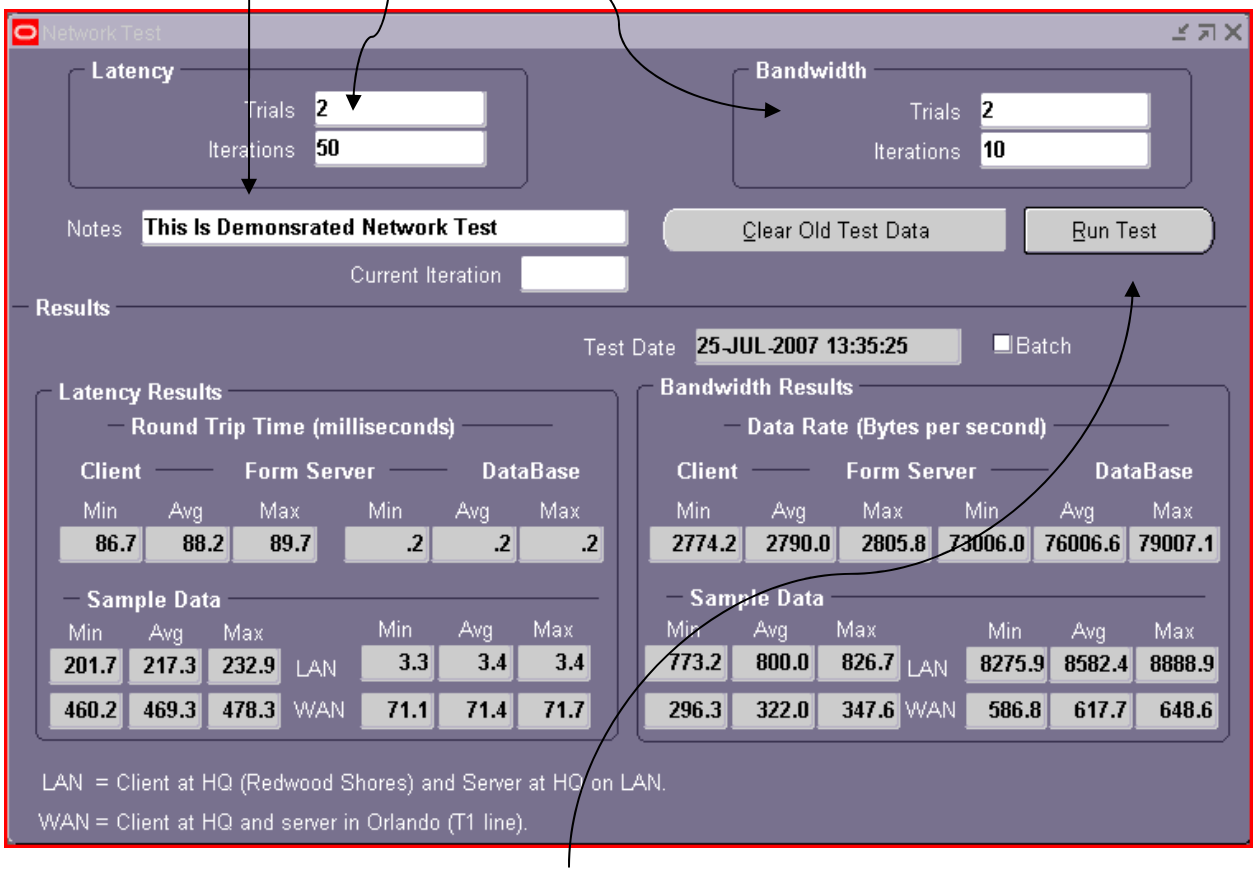
For every iteration a single packet is sent from the client application to the server and back to server from client.

Trial: - A trial consists of the specified number of iterations.

The total time for all round trips in a trial is divided by the number of iterations to obtain the average latency that is that trial's result. (Metalink.oracle.com)



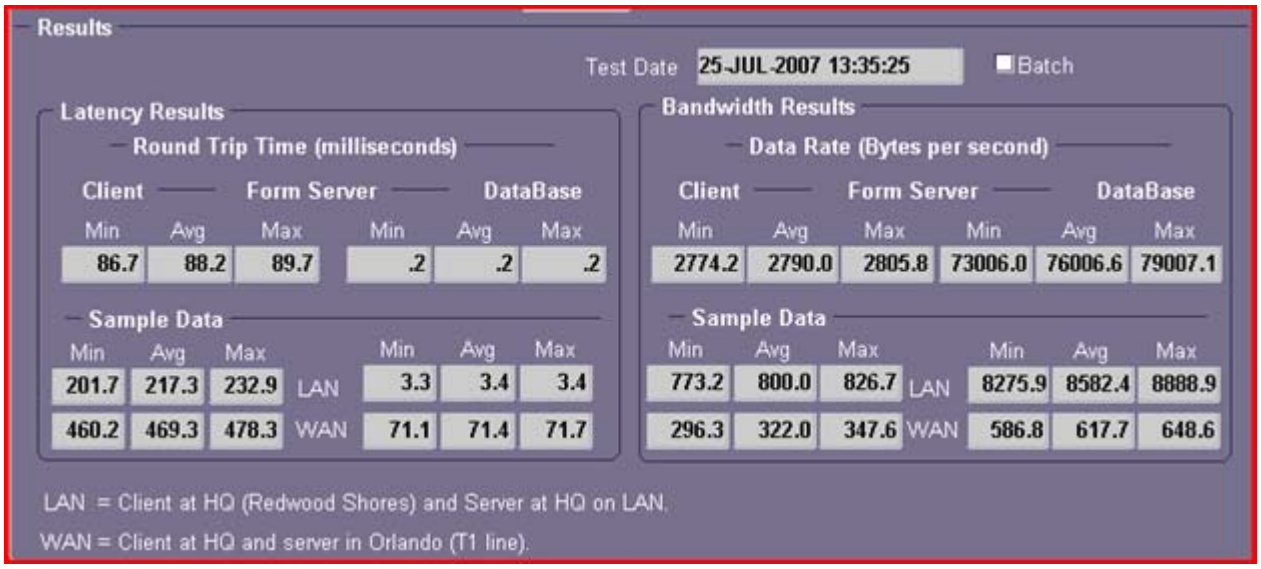
5. After filling this information



6. Select the Run Test button to perform the test.

Evaluating the Test Results

The results of both the latency and bandwidth tests display in the Results block.



Latency Results display the minimum, average, and maximum round trip time for a single round trip from a PC client to the server.

Bandwidth Results display the minimum, average, and maximum data rate in kilobytes per second over the trials.

For comparison Oracle provided the sample data fields which shows the results of tests completed at the development headquarters in Redwood Shores. These tests were conducted under ideal conditions; it is unlikely that your results can match them. **(Metalink)**