8 Setting Up the ioDrive with Iometer

To set up an ioDrive to work with Iometer, follow the steps below.

1. Ensure that you have the latest driver and latest firmware for the target ioDrive.

2. For best results, make sure you are using a capable quad-core or higher CPU.

3. Load Iometer and add at least eight threads and 64 outstanding I/O's per target, as shown below.

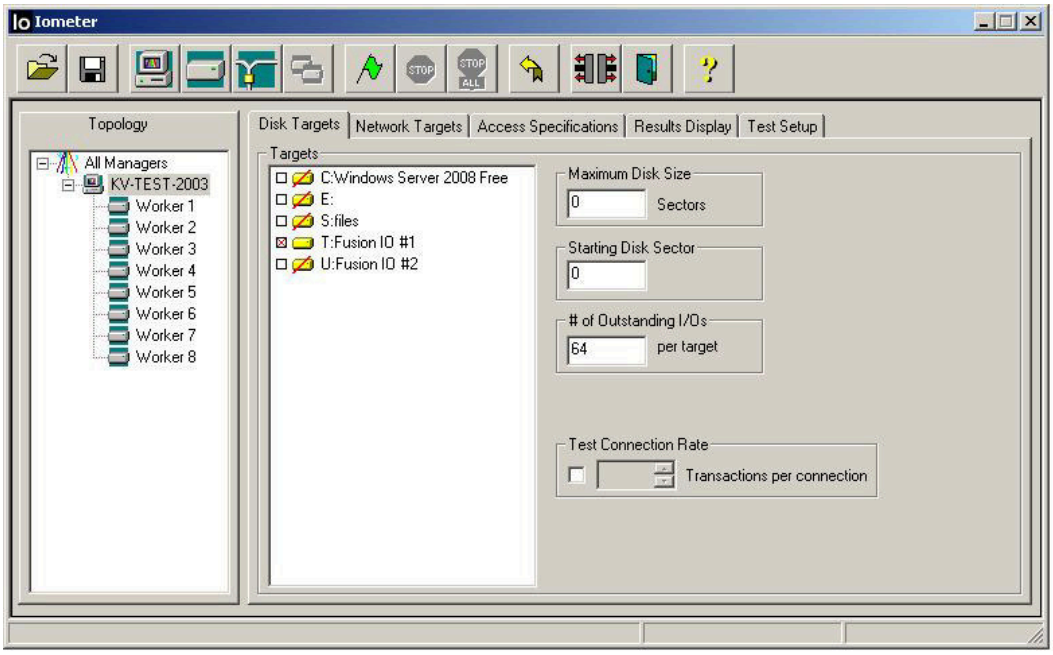

Figure 4 – Adding threads to the target ioDrive in Iometer

4. Select the drive to test for each thread.

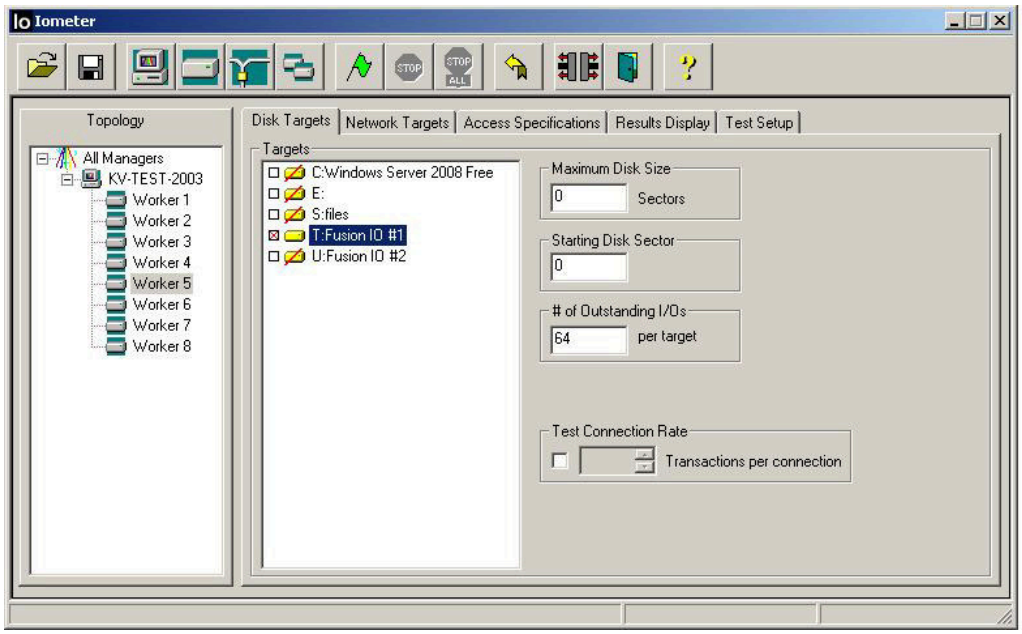

Figure 4 – Adding threads to the target ioDrive in Iometer

5. Click the Access Specifications tab and select the test you want to run.

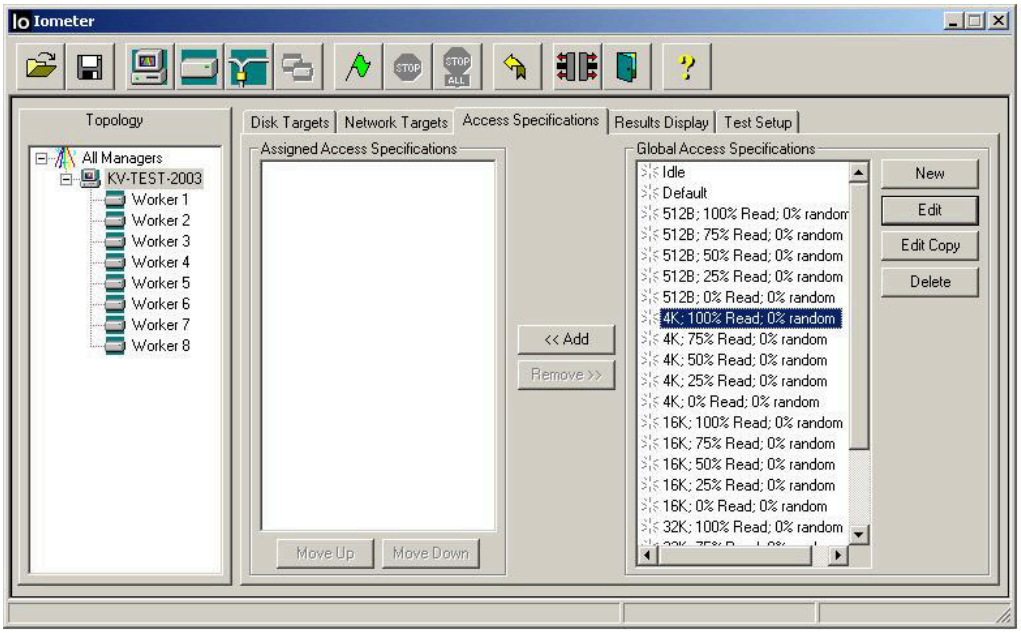

Figure 5 – Selecting a test from Access Specifications

6. Modify the test configuration according to the test criteria.

   In this case the configuration is set measure one (1) megabyte sequential throughput.

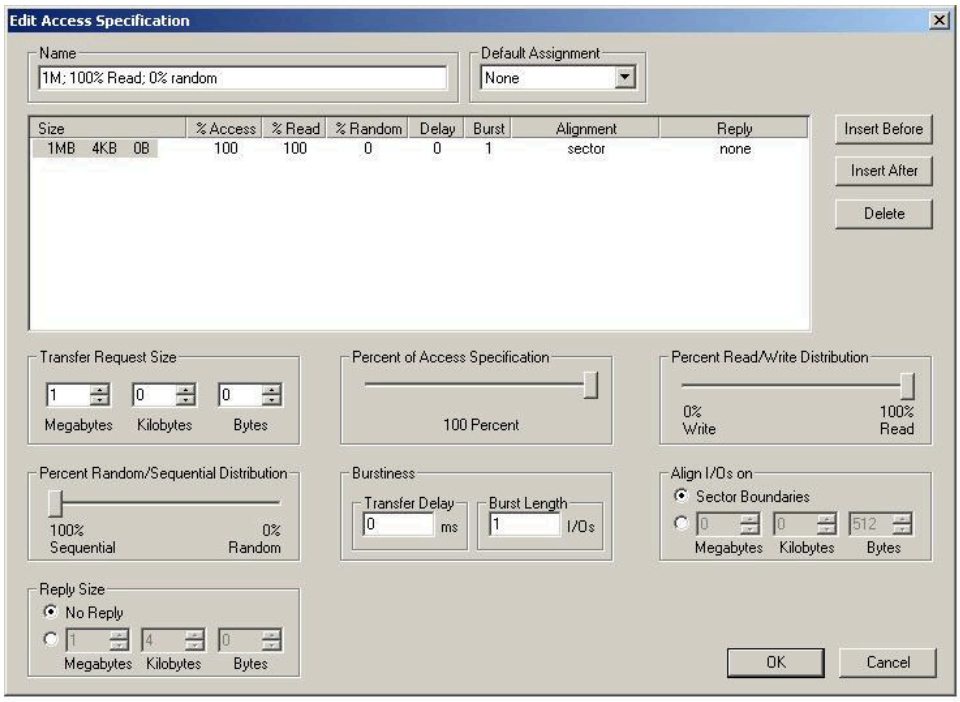

Figure 6 – Changing the test configuration

7. Select the Access Specification for each worker thread.

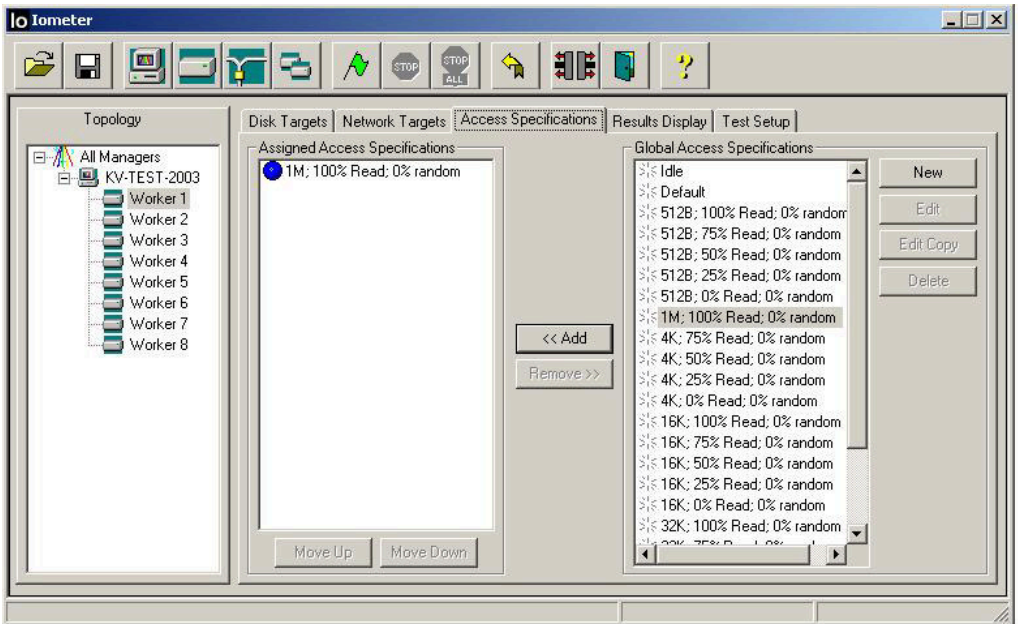

Figure 7 – Setting the Access Specification for a thread

8. Use the slider bar to set the Update Frequency to one second.

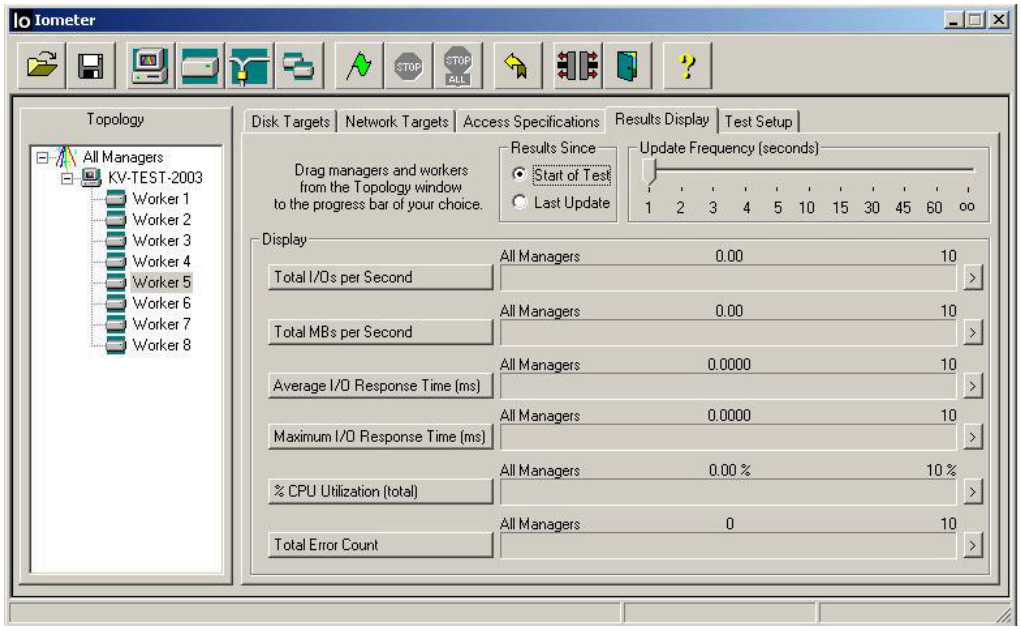

Figure 8 – Setting the Update Frequency

9. Click the Save button and save the test configuration file.

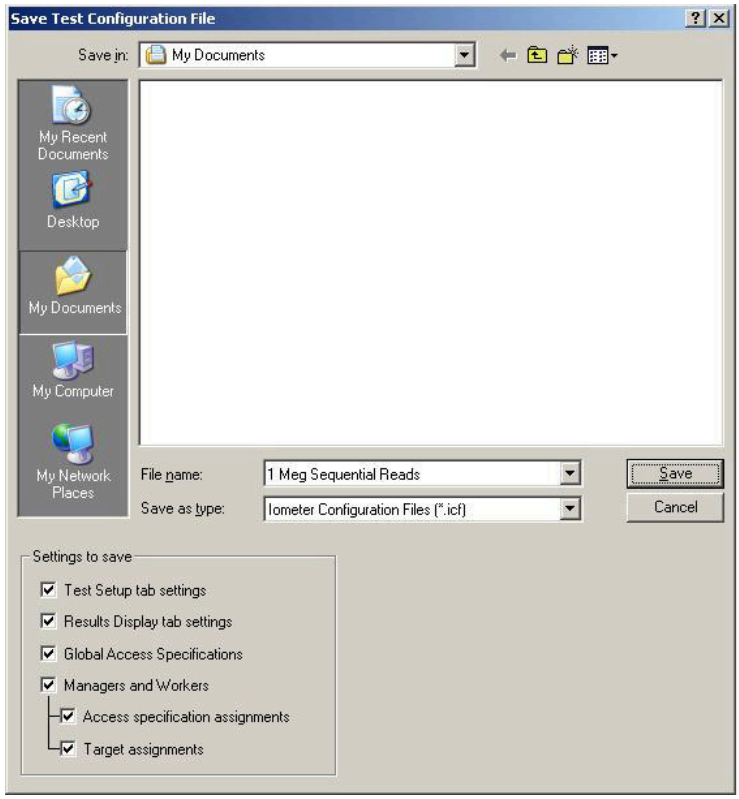

Figure 9 – Saving the test configuration file

10. Run the configured test to fill the drive with data and get results.

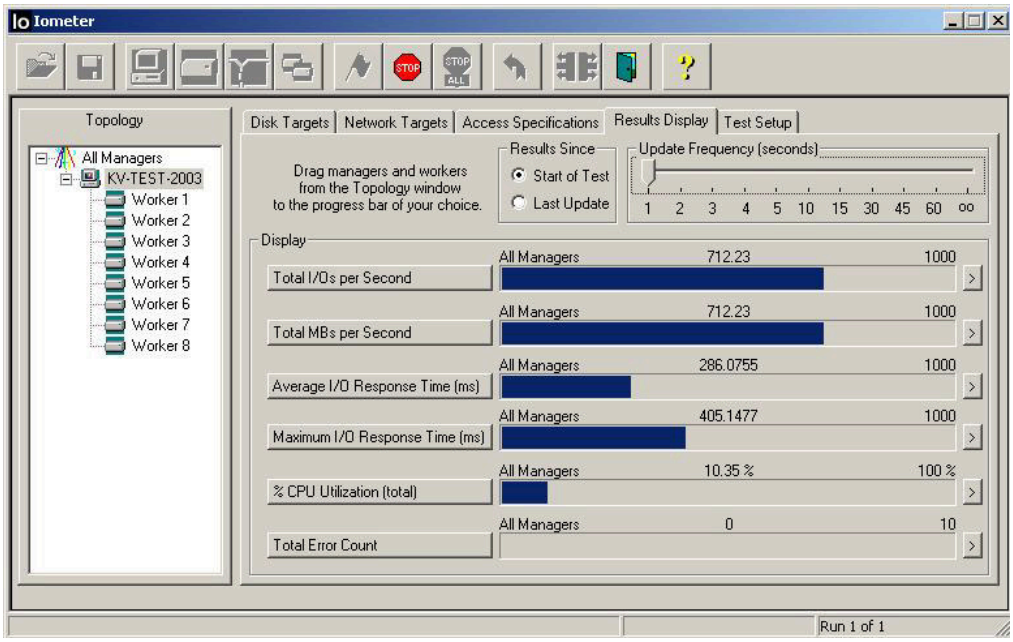

Figure 10 – Iometer test results