Benchmark on the BCP and CIS of Sybase ASE Server

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| Test No. | Table Name | Space (MB) | Row count | Time for BCP | Time for CIS bulk copy | Comment |
| 1 | CDR\_Track\_Data\_199909 | Data: 358.09MB  Index: 324.44MB | 3,239,383 rows | BCP out: 15 minutes  BCP in: 18 minutes  Total: 33 minutes | 10 minutes | CIS is faster than BCP out/in three times. |
| 2 | CDR\_Account\_Adjustment\_Base | Data: 902.83MB  Index: 414.35MB | 6,199,000 rows | BCP out: 33 minutes  BCP in: 43 minutes  Total: 76 minutes | 22 minutes | CIS is faster than BCP out/in three times. |

# Notes:

# In terms of BCP, we are doing fast BCP because those tables have no index, constraint and trigger.

* BCP out command that has been used during tests is as follows: *bcp table\_name out datafile –c –t ‘|’ –Uuser\_id –Ppassword*
* BCP in command that has been used during tests is as follows: *bcp table\_name in datafile –c –t ‘|’ -b 1000 –U –P –S server*
* CIS bulk copy command that has been used during tests is as follows: *select \* into new\_table from cis\_ proxy\_table*

**Tips:**

* In terms of BCP in, we are supposed to use the option “–b batchsize”, which is the number of rows per batch of data copied. And the default is to copy all rows in one batch, in this case, it maybe fill up the log of that database. During these tests, the batchsize has been set to 1000.
* In terms of CIS bulk copy, we also are supposed to configure “cis bulk copy batch size” with **sp\_configure.** During these tests, this system parameter has been set to 1000.