



## Configuration 3: Load Performance on Sun Fire Server

| Data Set | Triples Loaded | Time   | Degrees of Parallelism |
|----------|----------------|--------|------------------------|
| LUBM 8K  | 1.1 Billion    | 3h 11' | DOP = 32               |

25 minutes to load the data into the staging table

2hrs. 46 min. to load and index the triples from staging table

### Setup:

**Hardware:** Sun Fire X4170 Server (Intel Xeon 5600): 16 cores, 72 GB RAM, Sun Storage F5100 Flash Array

**Storage required:** 330GB + 110GB of temporary table space

**Software:** Oracle Database 11.2.0.1.0 + Semantics Patch 9819833: SEMANTIC TECHNOLOGIES 11G R2 FIX BUNDLE 2

SGA\_TARGET=16G and PGA\_AGGREGATE\_TARGET=48G