

## TPoX (Transaction Processing over XML) Benchmark Result

<http://tpox.sourceforge.net/>

### Overview:

<b>Sponsor:</b>	Intel® Corporation		
<b>Date:</b>	March 2012		
<b>Database System:</b>	DB2 9.7		
<b>Operating System:</b>	SUSE Linux* Enterprise Server 11 SP1		
<b>Hardware Summary:</b>	Intel® Xeon® Processor X2690 server with 128GB RAM		
<b>TPoX Version:</b>	2.0	<b>TPoX Scale Factor:</b>	M – 1TB

### Primary Result:

<b>TTPS (TPoX Transactions Per Second):</b>	10303
<b>Number of concurrent users:</b>	224

### Secondary Results (optional):

<b>TIPS (TPoX Inserts Per Second):</b>	Custacc:		Users
	Orders:		Users
<b>TQPS (TPoX Queries Per Second):</b>			Users
<b>Initial database size (incl. indexes, etc.):</b>	537 GB (using DB2 data compression)		

### System under test (database server):

<b>Processors:</b> Intel® Xeon® Processor X2690, 2 processors/16 cores/32 threads, 2.9 GHz, 20 MB L3 cache per processor			
<b>Memory:</b>	128GB	<b>Client/server network:</b>	1 Gb/s ethernet
<b>Storage system:</b>	EonStor* B12F-G1430 Storage System	<b>Total no. of disks:</b>	30
<b>#disks for database:</b>	24 (RAID 0)	<b>#disks for log</b>	6 (RAID 0)
<b>Adapters:</b>	1 QLE2464 Qlogic* Fiber Channel 4 Gb/s adapter		
<b>Other details:</b>	All disks are Intel® X-25E Extreme SATA Solid-State drives		

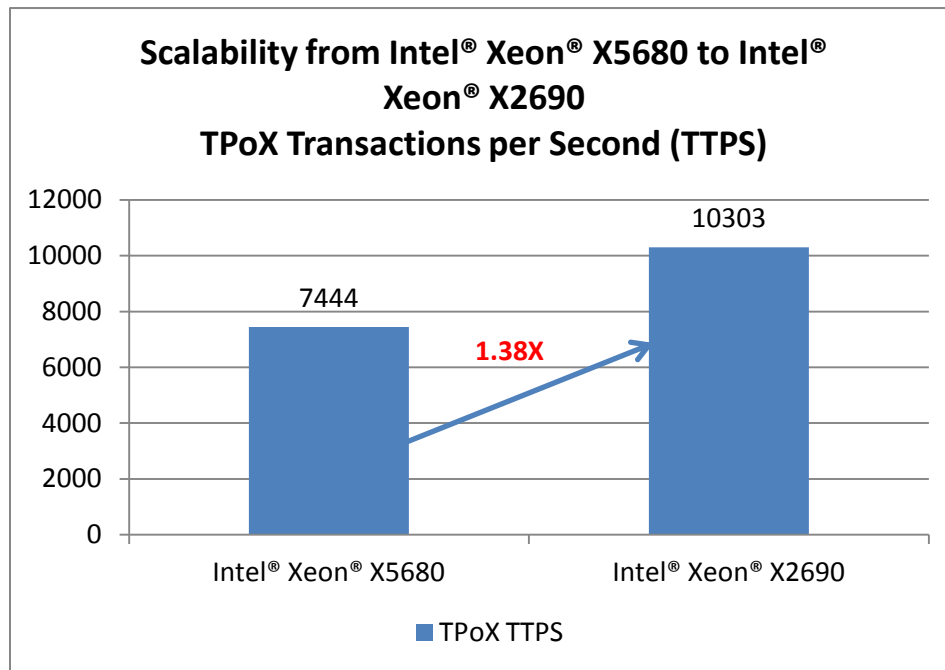
### Client machine (if applicable):

<b>Machine type, OS:</b>	Intel Xeon Processor E5440 EP Server, Linux SLES 10 SP2		
<b>Number of CPUs:</b>	2	<b>Cores per CPU:</b>	4
<b>Clock Frequency:</b>	2.83 GHz	<b>Client/server network:</b>	1 Gb/s ethernet
<b>Memory:</b>	24 GB	<b>Java Level:</b>	1.6

Other key TPoX Workload Driver parameters used to obtain the TTPS result:

<b>-r (ramp up time):</b> 3600 seconds	<b>-ti (measurement time):</b> 3600 seconds
<b>-tt (think time):</b> 0 (default)	<b>-cc (commit count)</b> 1 (default)
<b>-tr (max transactions):</b> n/a	
<b>Other non-default parameters:</b>	

Section for additional details, comments, graphs, or comparison to other systems.



Testing and results generated by Intel engineers in Intel labs with IBM collaboration

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