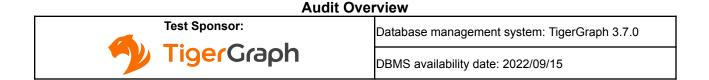
# **Executive Summary of an Audited LDBC Benchmark Result**

Linked Data Benchmark Council - Social Network Benchmark - Business Intelligence Workload



### Setup Overview

Hardware	Operating system
4x AWS EC2 R6a.8xlarge	Amazon Linux 2 (5.10.167-147.601.amzn2.x86_64)

#### Hardware Configuration (Per instance)

CPU cores / threads / type	Total cache size per CPU	Memory size	Storage / file system	
,	L1i cache: 32KiB L1d cache: 32KiB L2 cache: 512KiB		AWS GP3 1000GB Storage, XFS file system	
Total cores: 16	L3 cache: 33MiB			
Total threads: 32				

#### System Pricing

Total system cost	Machine cost	License cost	Maintenance fee
1,302,174 USD	95,166 USD	1,097,280 USD	109,728 USD

## **Benchmark Configuration and System Settings**

Workload	Social Network Benchmark Business Intelligence workload (SNB BI)
SNB Datagen version	v0.5.1
SNB BI driver and implementations version	v1.0.3
SNB specification version	v2.2.0
Execution mode	disjoint RW mode
	composite-projected-fk layout, compressed CSV files (decompressed during preprocessing)
Scale factor	1000

#### **Summary of Performance Metrics**

	-			-	
Scale factor	Benchmark duration	Power@SF	Power@SF/\$	Throughput@SF	Throughput@SF/\$
1000	257.47 minutes	23,951.74	18.39	10,605.12	8.14

Audited by David Puroja (Pometry)	Report date: 2023/04/06	
This summary references an audited LDBC benchmark run. The results have been gathered by an independent and		
impartial auditor who has validated the implementation of the queries and verified the or conformance to the description of the benchmark and its strict requirements.	verall system's conliguration	





