Database Reliability Engineering

Performance Through Database Design

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Performance

Performance

Oracle Autonomous Database through good Database Design

Benchmarks

- The total transactions per second achieved (TPS)
- The average elapsed time in seconds across the 8 benchmark sessions (ELA)
- A cumulative breakdown of where the 8 sessions utilized the elapsed time

LiveLabs
https://apexapps.oracle.com/pls/apex/f?p=133:180:109179867576065::::wid:802
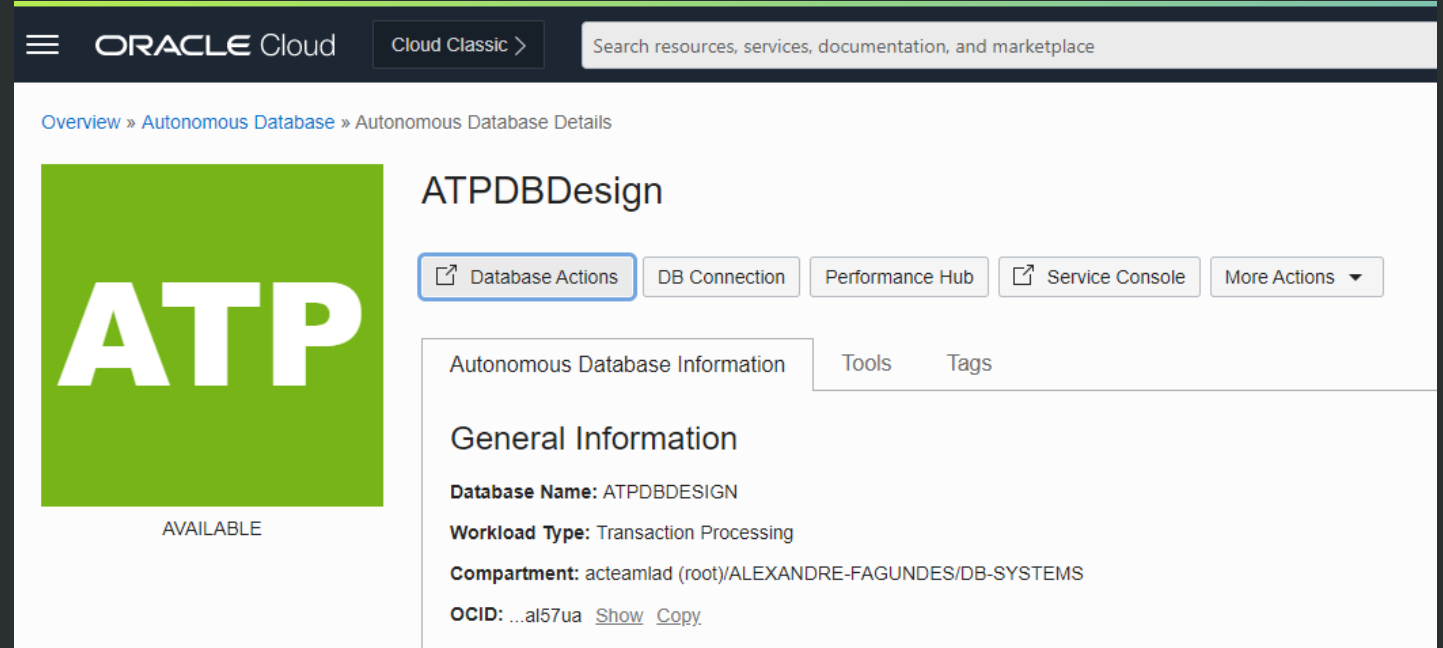
Performance Benchmarks

Benchmark 1: Launches 8 parallel sessions

Benchmark 2: 1 + Reduces DML triggers (table creation with DEFAULT ON NULL)

Benchmark 3: 2 + Improve sequences CACHE, drop few indexes

Benchmark 4: 3 + Partitioning

How can we do that?

DEMO

Thank you

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