

FEEDBACK 5/2

When should we choose serverless computing?
When high availability is needed
Ability to BURST to support spikes in load
Service demand is limited throughout the month:
400,000 GB/sec = 4.63 days

Poor use cases for serverless computing
24/7 real time stream processing
Batch-oriented compute-bound workloads
Machine learning over large training datasets

FEEDBACK - 2

For a database, what are some performance attributes?
(Database-as-a-Service)

Average query execution time
Consider a variety of queries
Queries with join(s)
Queries over large datasets with filters

Data throughput for queries
For a queries that produce large result sets, what is the data transfer rate from the server to client
Transactions per second
How many concurrent queries can the database produce for multiple clients
Average transaction time
Multi-query transactions that include combination of reads and writes

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TCSSS62: Software Engineering for Cloud Computing (Spring 2018) Institute of Technology, University of Washington-Tacoma

TUTORIAL #4

Tutorial #4 Presentation:

http://faculty.washington.edu/wlloyd/courses/tcss562/TCSS562_s2018_tutorial_4.pdf

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MIDTERM REVIEW

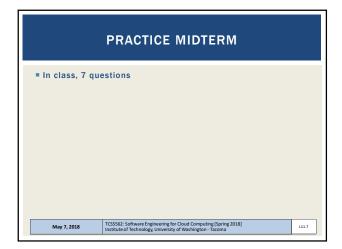
Midterm review guide:

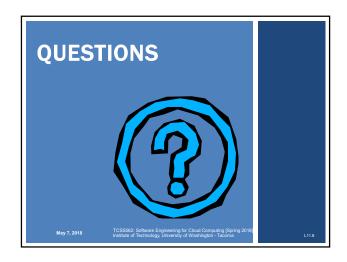
http://faculty.washington.edu/wlloyd/courses/tcss562/tcss562_s2018_midterm_review.pdf

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