Cloud Head-to-Head Evaluation
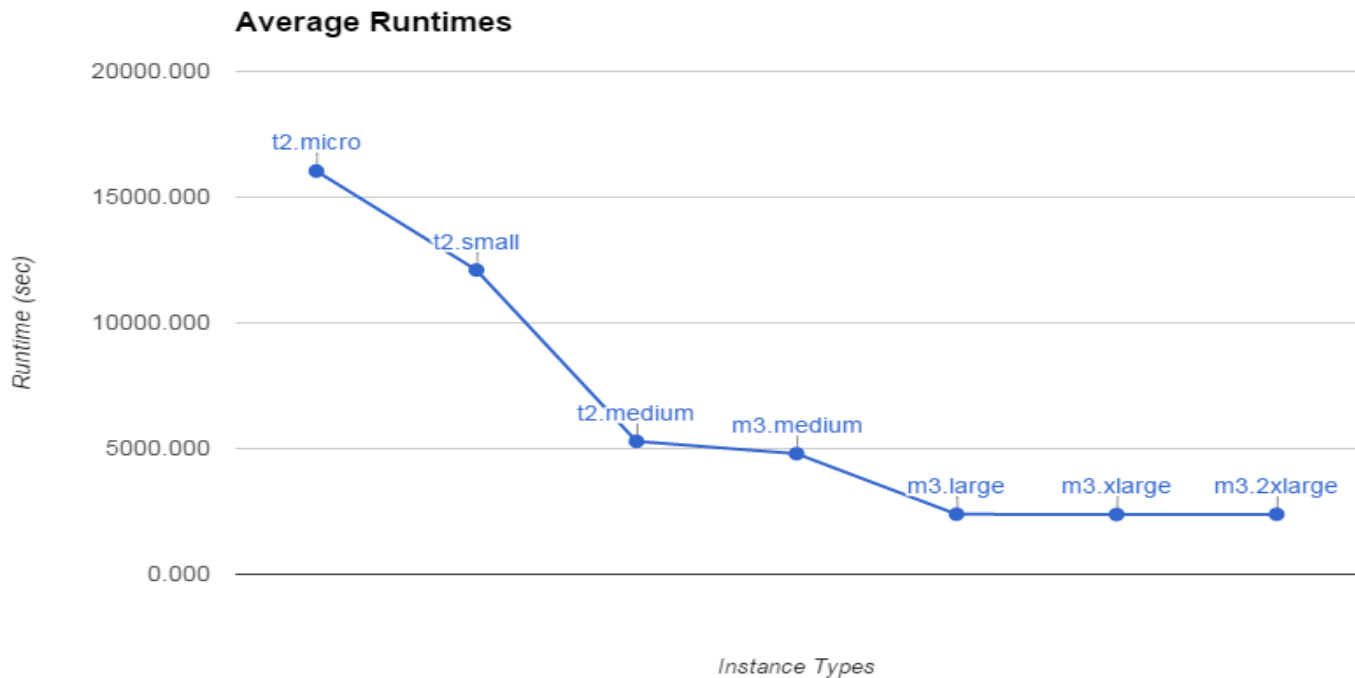
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Intro

- Best cloud provider in terms of
  - i. Performance
  - ii. Scalability
  - iii. Costs
- Amazon EC2 vs. Google Compute Engine

Methods

- Measure
  i. CPU performance
  ii. Storage operations per second
  iii. Upload/download speed
  iv. VM startup time

Instance Type Results
(10fps, 10s, 420p, 1 video)

S3 Results

File size: ~1.6 MB

Avg upload time: 13.465 sec

Std Dev: 0.176 sec

Upload Speed: 118.00 KB/Sec

Conclusion … so far

- S3
  - not spectacular
  - slow HDD has 56.54 MB/s
  - slow ethernet network is 5Mb/s upload
  - avg S3 upload speed was 118.00 KB/Sec
- EC2 instance types
  - Significant difference in processor speed from t to m
  - Intraclass difference is higher in t than m type

questions?

thank you
go cloud

I'D LIKE TO RUN VIRTUAL BOX ON EC2

A VM IN ANOTHER VM?