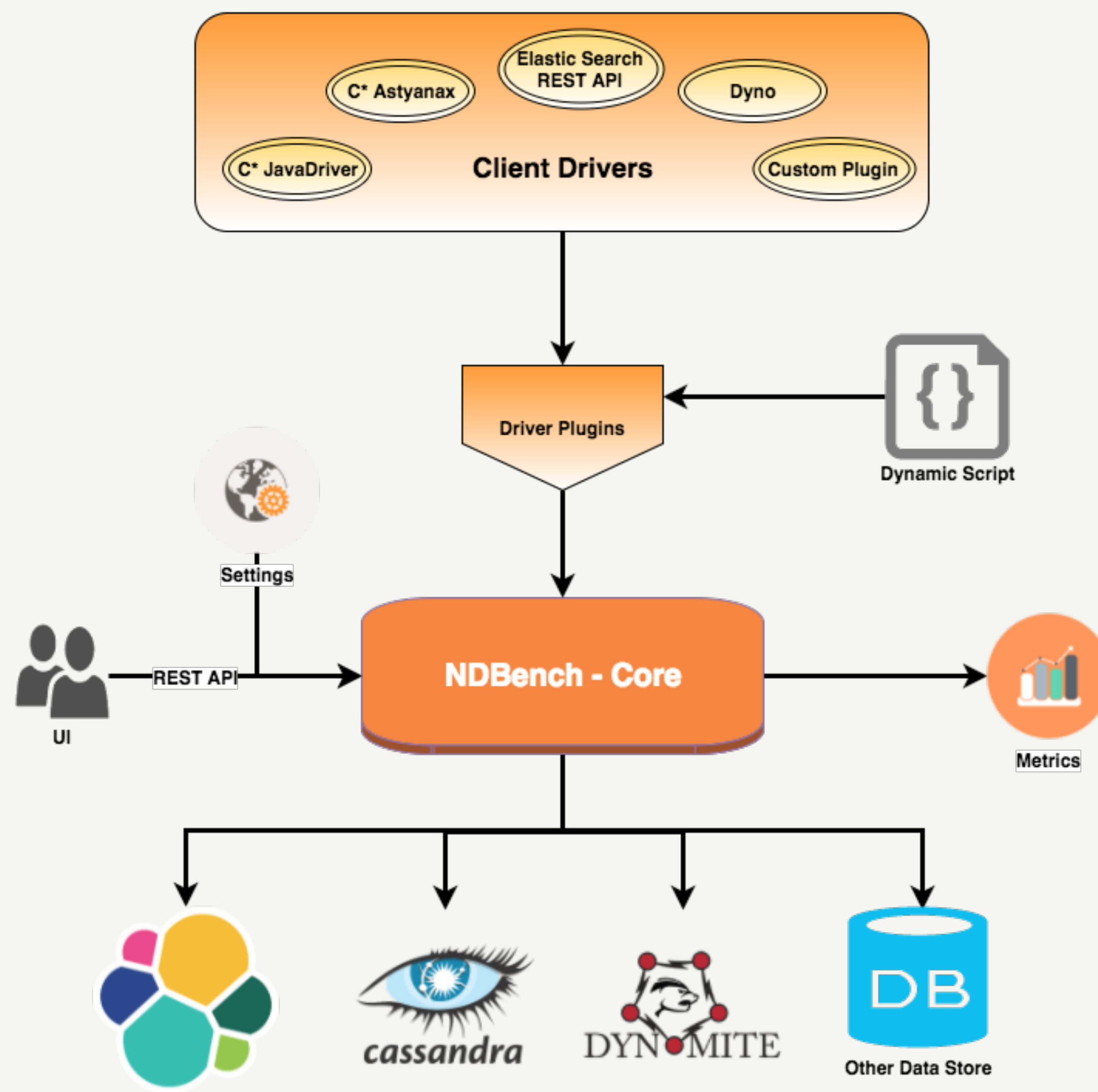
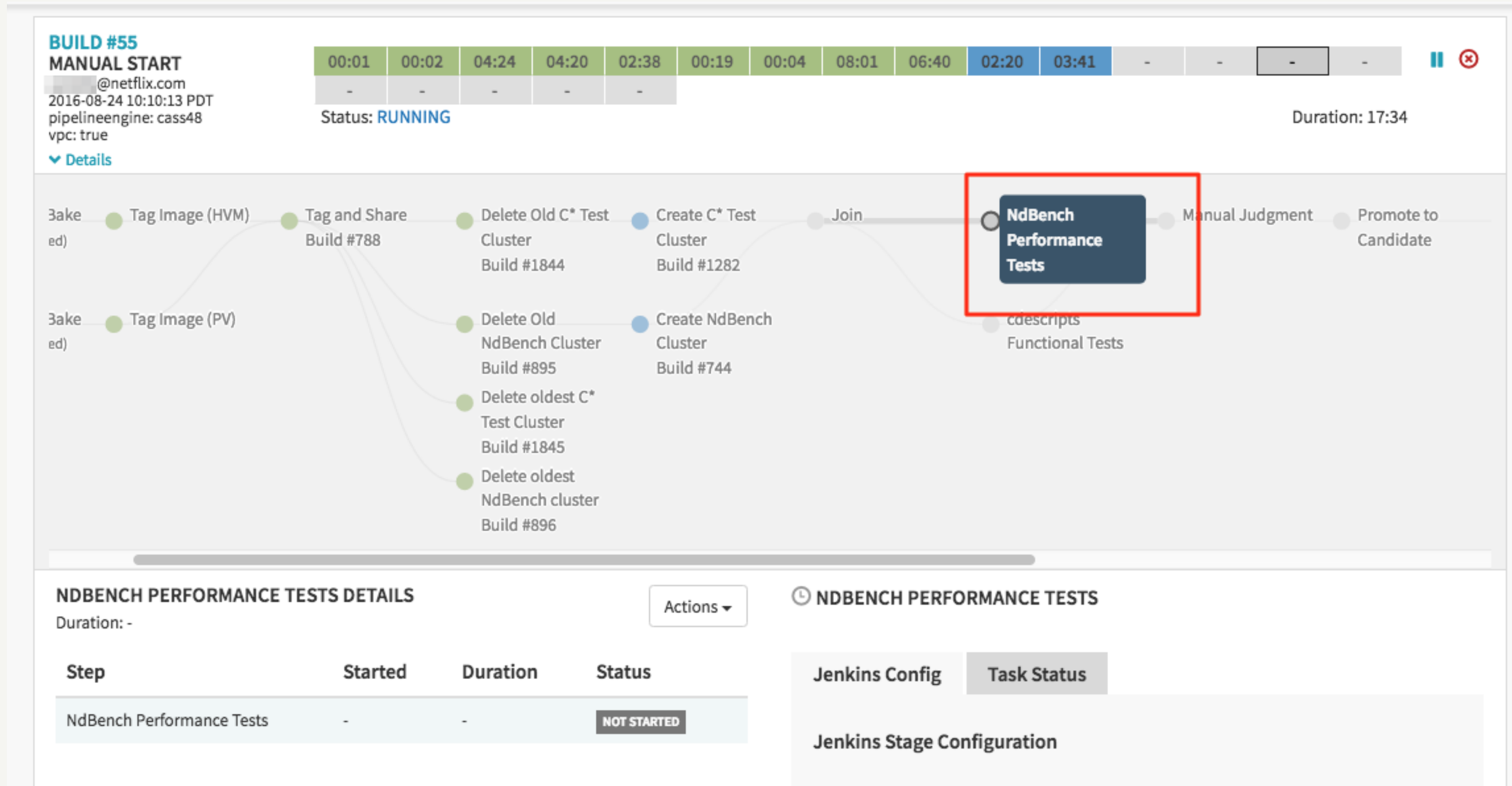


# NDBench Architecture



# C\* AMI Certification Pipeline



NETFLIX

1. Select a Cluster

Cluster  
localhost

2. Connect a Driver

Driver  
InMemoryTest  
InMemoryTestPlugin - ConnectionInfo :: InMemoryMap Key Count: 0

HIDE SETTINGS

DISCONNECT DRIVER

Initial Settings

These settings can only be changed before connecting a Driver.

backfillStartKey	1
dataSize	128
dataSizeLowerBound	1000
dataSizeUpperBound	5000
numBackfill	1
numKeys	10000
numReaders	1
numValues	100
numWriters	1
readRateLimit	25
statsResetFreqSeconds	200
statsUpdateFreqSeconds	5
writeRateLimit	15
readEnabled	<input checked="" type="checkbox"/>
useStaticData	<input type="checkbox"/>
useVariableDataSize	<input type="checkbox"/>
writeEnabled	<input checked="" type="checkbox"/>

Runtime Settings

These settings can be changed at any time while a Load Test is running.

readRateLimit	25
writeRateLimit	15

SAVE SETTINGS

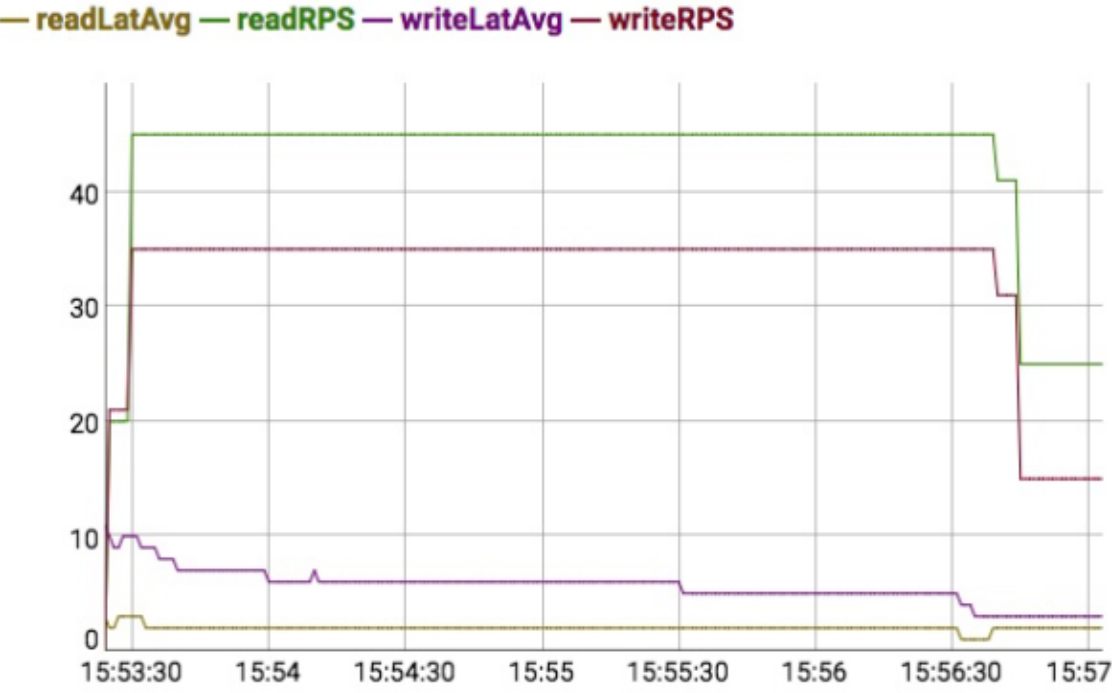
3. Run Load Tests

Load Pattern  
RANDOM

Instance	Backfill	Writes	Reads
localhost:8080			

Instance Statistics

localhost:8080



- ☐ cacheHitRatioInt
- ☒ readLatAvg
- ☐ readLatP995
- ☐ writeFailure
- ☐ writeLatP99
- ☐ writeSuccess

☐ cacheHits☐ readLatP50☐ readLatP999☒ writeLatAvg☐ writeLatP50☐ writeLatP995☐ cacheMiss☐ readLatP95☒ readRPS☐ writeLatP50☐ writeLatP999☐ readFailure☐ readLatP99☐ readSuccess☐ writeLatP95☒ writeRPS

HIDE STATS JSON

```
{
  "cacheHitRatioInt": 29,
  "cacheHits": 2791,
  "cacheMiss": 6659,
  "readFailure": 0,
  "readLatAvg": 2,
  "readLatP50": 1,
  "readLatP95": 1,
  "readLatP99": 1,
  "readLatP995": 1,
  "readLatP999": 3,
  "readRPS": 25,
  "readSuccess": 9450,
  "writeFailure": 0,
  "writeLatAvg": 3,
  "writeLatP50": 3,
  "writeLatP95": 5,
  "writeLatP99": 6,
  "writeLatP995": 7,
  "writeLatP999": 14,
  "writeRPS": 15,
  "writeSuccess": 7267
}
```