**REPORT summary for LR tests on AWS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sawtooth version** | **Test**  **Config** | **Platform** | **Consensus** | **Run**  **time** | **Measured Block Rate** | **Measured Transaction Rate** | **Failed/**  **Restarted Nodes** |
| * 1. release branch   (apt repo **ubuntu/bumper/nightly**) | LR7(AWS) | AWS | PoET Simulator | 168h | 85.83/h | 9.1 | None |

LR7(AWS): 10 validator nodes, 10 TPS applied transaction rate(intkey 5TPS + smallbank 5TPS)

EC2: m4.2xlarge ( 8 CPUs, 32GB RAM), 100 GB SSD 5000 IOPS

**LR on AWS**

Input parameters

Sawtooth: fetched from **ubuntu/bumper/nightly** apt repo (sawtooth-core debians =1.1.1~dev1201-1, sawtooth-poet debians=1.1.2~dev37-1)

I/P Workload: 5 TPS intkey + 5 TPS smallbank

Mode: Simulator

Observations

* Ran for 7 days
* Output observed as 9.1 TPS
* Total blocks
  + 15371 blocks = 168 hours
  + 91.49 blocks = 1 hour
  + 1 block = 49.34 seconds against 30 seconds/block
* Blocks published deviation is 164 i.e. difference of max number of blocks (2364) published by a node to min number of blocks (2200) published by a node.

