



Basic information

DLT: fabric  
Name: insert-historical-data-offer-benchmark  
Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function  
Benchmark Rounds: 8  
[Details](#)

Benchmark results

[Summary](#)  
[insert-historical-data-offer-1000-fixed-load](#)  
[insert-historical-data-offer-2000-fixed-load](#)  
[insert-historical-data-offer-3000-fixed-load](#)  
[insert-historical-data-offer-4000-fixed-load](#)  
[insert-historical-data-offer-8000-fixed-load](#)  
[insert-historical-data-offer-16000-fixed-load](#)  
[insert-historical-data-offer-32000-fixed-load](#)  
[insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

Caliper report

Summary of performance metrics

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-1000-fixed-load	3134	0	59.4	2.16	0.14	0.55	57.4
insert-historical-data-offer-2000-fixed-load	3057	0	58.4	2.18	0.16	0.63	56.3
insert-historical-data-offer-3000-fixed-load	3077	0	57.8	2.28	0.15	0.86	56.0
insert-historical-data-offer-4000-fixed-load	2996	0	57.4	2.17	0.12	0.95	55.3
insert-historical-data-offer-8000-fixed-load	3032	0	56.7	2.28	0.15	1.23	54.6
insert-historical-data-offer-16000-fixed-load	3015	0	56.2	3.06	0.13	1.30	54.8
insert-historical-data-offer-32000-fixed-load	3043	0	56.3	3.00	0.18	1.45	55.1
insert-historical-data-offer-64000-fixed-load	3133	0	56.6	3.25	0.14	1.70	55.2

Benchmark round: insert-historical-data-offer-1000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 1000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 10
    startingTps: 1
```

Performance metrics for insert-historical-data-offer-1000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-1000-fixed-load	3134	0	59.4	2.16	0.14	0.55	57.4

Resource utilization for insert-historical-data-offer-1000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com



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[Details](#)

Benchmark results

- [Summary](#)
- [insert-historical-data-offer-1000-fixed-load](#)
- [insert-historical-data-offer-2000-fixed-load](#)
- [insert-historical-data-offer-3000-fixed-load](#)
- [insert-historical-data-offer-4000-fixed-load](#)
- [insert-historical-data-offer-8000-fixed-load](#)
- [insert-historical-data-offer-16000-fixed-load](#)
- [insert-historical-data-offer-32000-fixed-load](#)
- [insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: insert-historical-data-offer-2000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 2000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 20
    startingTps: 1
```

Performance metrics for insert-historical-data-offer-2000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-2000-fixed-load	3057	0	58.4	2.18	0.16	0.63	56.3

Resource utilization for insert-historical-data-offer-2000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer



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[Details](#)

## Benchmark results

[Summary](#)

[insert-historical-data-offer-1000-fixed-load](#)

[insert-historical-data-offer-2000-fixed-load](#)

[insert-historical-data-offer-3000-fixed-load](#)

[insert-historical-data-offer-4000-fixed-load](#)

[insert-historical-data-offer-8000-fixed-load](#)

[insert-historical-data-offer-16000-fixed-load](#)

[insert-historical-data-offer-32000-fixed-load](#)

[insert-historical-data-offer-64000-fixed-load](#)

## System under test

[Details](#)

Memory (MB)		
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

## Benchmark round: insert-historical-data-offer-3000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 3000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 40
    startingTps: 1
```



Performance metrics for insert-historical-data-offer-3000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-3000-fixed-load	3077	0	57.8	2.28	0.15	0.86	56.0

Basic information

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Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function  
Benchmark Rounds: 8  
[Details](#)

Benchmark results

[Summary](#)  
[insert-historical-data-offer-1000-fixed-load](#)  
[insert-historical-data-offer-2000-fixed-load](#)  
[insert-historical-data-offer-3000-fixed-load](#)  
[insert-historical-data-offer-4000-fixed-load](#)  
[insert-historical-data-offer-8000-fixed-load](#)  
[insert-historical-data-offer-16000-fixed-load](#)  
[insert-historical-data-offer-32000-fixed-load](#)  
[insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

Resource utilization for insert-historical-data-offer-3000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	peer0.org2.example.com
		ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	peer0.org1.example.com
		peer0.org2.example.com
		ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
		ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com



Basic information

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Name: insert-historical-data-offer-benchmark  
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Benchmark Rounds: 8  
[Details](#)

		peer0.org2.example.com
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Benchmark round: insert-historical-data-offer-4000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 4000 bytes at a fixed load.

txDuration: 60  
rateControl:  
  type: fixed-load  
  opts:  
    transactionLoad: 60  
    startingTps: 1

Benchmark results

- [Summary](#)  
[insert-historical-data-offer-1000-fixed-load](#)  
[insert-historical-data-offer-2000-fixed-load](#)  
[insert-historical-data-offer-3000-fixed-load](#)  
[insert-historical-data-offer-4000-fixed-load](#)  
[insert-historical-data-offer-8000-fixed-load](#)  
[insert-historical-data-offer-16000-fixed-load](#)  
[insert-historical-data-offer-32000-fixed-load](#)  
[insert-historical-data-offer-64000-fixed-load](#)

Performance metrics for insert-historical-data-offer-4000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-4000-fixed-load	2996	0	57.4	2.17	0.12	0.95	55.3

Resource utilization for insert-historical-data-offer-4000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

System under test

[Details](#)



Basic information

DLT: fabric  
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Benchmark Rounds: 8  
[Details](#)

Benchmark results

[Summary](#)  
[insert-historical-data-offer-1000-fixed-load](#)  
[insert-historical-data-offer-2000-fixed-load](#)  
[insert-historical-data-offer-3000-fixed-load](#)  
[insert-historical-data-offer-4000-fixed-load](#)  
[insert-historical-data-offer-8000-fixed-load](#)  
[insert-historical-data-offer-16000-fixed-load](#)  
[insert-historical-data-offer-32000-fixed-load](#)  
[insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: insert-historical-data-offer-8000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 8000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 80
    startingTps: 1
```

Performance metrics for insert-historical-data-offer-8000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-8000-fixed-load	3032	0	56.7	2.28	0.15	1.23	54.6

Resource utilization for insert-historical-data-offer-8000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com



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Benchmark Rounds: 8  
[Details](#)

Benchmark results

- [Summary](#)
- [insert-historical-data-offer-1000-fixed-load](#)
- [insert-historical-data-offer-2000-fixed-load](#)
- [insert-historical-data-offer-3000-fixed-load](#)
- [insert-historical-data-offer-4000-fixed-load](#)
- [insert-historical-data-offer-8000-fixed-load](#)
- [insert-historical-data-offer-16000-fixed-load](#)
- [insert-historical-data-offer-32000-fixed-load](#)
- [insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: insert-historical-data-offer-16000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 16000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 100
    startingTps: 1
```

Performance metrics for insert-historical-data-offer-16000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-16000-fixed-load	3015	0	56.2	3.06	0.13	1.30	54.8

Resource utilization for insert-historical-data-offer-16000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com



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[Details](#)

Benchmark results

- [Summary](#)
- [insert-historical-data-offer-1000-fixed-load](#)
- [insert-historical-data-offer-2000-fixed-load](#)
- [insert-historical-data-offer-3000-fixed-load](#)
- [insert-historical-data-offer-4000-fixed-load](#)
- [insert-historical-data-offer-8000-fixed-load](#)
- [insert-historical-data-offer-16000-fixed-load](#)
- [insert-historical-data-offer-32000-fixed-load](#)
- [insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: insert-historical-data-offer-32000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 32000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 120
    startingTps: 1
```

Performance metrics for insert-historical-data-offer-32000-fixed-load

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-32000-fixed-load	3043	0	56.3	3.00	0.18	1.45	55.1

Resource utilization for insert-historical-data-offer-32000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer





## Basic information

DLT: fabric

Name: insert-historical-data-offer-benchmark

Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function

Benchmark Rounds: 8

[Details](#)

## Benchmark results

[Summary](#)

[insert-historical-data-offer-1000-fixed-load](#)

[insert-historical-data-offer-2000-fixed-load](#)

[insert-historical-data-offer-3000-fixed-load](#)

[insert-historical-data-offer-4000-fixed-load](#)

[insert-historical-data-offer-8000-fixed-load](#)

[insert-historical-data-offer-16000-fixed-load](#)

[insert-historical-data-offer-32000-fixed-load](#)

[insert-historical-data-offer-64000-fixed-load](#)

## System under test

[Details](#)

Memory (MB)		
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

## Benchmark round: insert-historical-data-offer-64000-fixed-load

Benchmarking the InsertTestHistoricalDataOffer function with a data size of 64000 bytes at a fixed load.

```
txDuration: 60
rateControl:
  type: fixed-load
  opts:
    transactionLoad: 150
    startingTps: 1
```

Performance metrics for insert-historical-data-offer-64000-fixed-load



Basic information

DLT: fabric  
Name: insert-historical-data-offer-benchmark  
Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function  
Benchmark Rounds: 8  
[Details](#)

Benchmark results

[Summary](#)  
[insert-historical-data-offer-1000-fixed-load](#)  
[insert-historical-data-offer-2000-fixed-load](#)  
[insert-historical-data-offer-3000-fixed-load](#)  
[insert-historical-data-offer-4000-fixed-load](#)  
[insert-historical-data-offer-8000-fixed-load](#)  
[insert-historical-data-offer-16000-fixed-load](#)  
[insert-historical-data-offer-32000-fixed-load](#)  
[insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
insert-historical-data-offer-64000-fixed-load	3133	0	56.6	3.25	0.14	1.70	55.2

Resource utilization for insert-historical-data-offer-64000-fixed-load

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+"}) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
CPU (%)	sum(rate(container_cpu_usage_seconds_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Write (MB)	sum(rate(container_fs_writes_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com
Disc Read (MB)	sum(rate(container_fs_reads_bytes_total{name=~".+"}[1m])) by (name)	ca_orderer
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		dev-peer0.org2.example.com-basic_1.0-637b908e08b257332d955d5b7eadeac170c68a9499b6070bb44fcd2688726576
		orderer.example.com
		peer0.org1.example.com

Basic information

DLT: fabric

Name: insert-historical-data-offer-benchmark

Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function

Benchmark Rounds: 8

[Details](#)

Benchmark results

- [Summary](#)
- [insert-historical-data-offer-1000-fixed-load](#)
- [insert-historical-data-offer-2000-fixed-load](#)
- [insert-historical-data-offer-3000-fixed-load](#)
- [insert-historical-data-offer-4000-fixed-load](#)
- [insert-historical-data-offer-8000-fixed-load](#)
- [insert-historical-data-offer-16000-fixed-load](#)
- [insert-historical-data-offer-32000-fixed-load](#)
- [insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

Test Environment

benchmark config

```
name: insert-historical-data-offer-benchmark
description: >-
  Benchmarking the Hyperledger Fabric network with the
  InsertTestHistoricalDataOffer function
workers:
  number: 50
  rounds:
    - label: insert-historical-data-offer-1000-fixed-load
      description: >-
        Benchmarking the InsertTestHistoricalDataOffer function with a data size
        of 1000 bytes at a fixed load.
        chaincodeID: basic
        txDuration: 60
        rateControl:
          type: fixed-load
          opts:
            transactionLoad: 10
            startingTps: 1
        workload:
          module: benchmarks/datamanagement/workloads/historical-data-offer.js
          arguments:
            chaincodeID: basic
            byteSize: 1000
    - label: insert-historical-data-offer-2000-fixed-load
      description: >-
        Benchmarking the InsertTestHistoricalDataOffer function with a data size
        of 2000 bytes at a fixed load.
        chaincodeID: basic
        txDuration: 60
        rateControl:
          type: fixed-load
          opts:
            transactionLoad: 20
            startingTps: 1
        workload:
          module: benchmarks/datamanagement/workloads/historical-data-offer.js
          arguments:
            chaincodeID: basic
            byteSize: 2000
    - label: insert-historical-data-offer-3000-fixed-load
      description: >-
        Benchmarking the InsertTestHistoricalDataOffer function with a data size
        of 3000 bytes at a fixed load.
        chaincodeID: basic
        txDuration: 60
        rateControl:
          type: fixed-load
          opts:
            transactionLoad: 40
            startingTps: 1
        workload:
          module: benchmarks/datamanagement/workloads/historical-data-offer.js
          arguments:
            chaincodeID: basic
            byteSize: 3000
    - label: insert-historical-data-offer-4000-fixed-load
      description: >-
        Benchmarking the InsertTestHistoricalDataOffer function with a data size
        of 4000 bytes at a fixed load.
        chaincodeID: basic
        txDuration: 60
        rateControl:
          type: fixed-load
          opts:
            transactionLoad: 60
            startingTps: 1
        workload:
          module: benchmarks/datamanagement/workloads/historical-data-offer.js
          arguments:
            chaincodeID: basic
            byteSize: 4000
    - label: insert-historical-data-offer-8000-fixed-load
      description: >-
        Benchmarking the InsertTestHistoricalDataOffer function with a data size
        of 8000 bytes at a fixed load.
        chaincodeID: basic
        txDuration: 60
        rateControl:
          type: fixed-load
          opts:
            transactionLoad: 80
            startingTps: 1
        workload:
          module: benchmarks/datamanagement/workloads/historical-data-offer.js
          arguments:
            chaincodeID: basic
            byteSize: 8000
    - label: insert-historical-data-offer-16000-fixed-load
      description: >-
        Benchmarking the InsertTestHistoricalDataOffer function with a data size
        of 16000 bytes at a fixed load.
        chaincodeID: basic
        txDuration: 60
        rateControl:
          type: fixed-load
          opts:
```



Basic information

DLT: fabric  
Name: insert-historical-data-offer-benchmark  
Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function  
Benchmark Rounds: 8  
[Details](#)

Benchmark results

- [Summary](#)
- [insert-historical-data-offer-1000-fixed-load](#)
- [insert-historical-data-offer-2000-fixed-load](#)
- [insert-historical-data-offer-3000-fixed-load](#)
- [insert-historical-data-offer-4000-fixed-load](#)
- [insert-historical-data-offer-8000-fixed-load](#)
- [insert-historical-data-offer-16000-fixed-load](#)
- [insert-historical-data-offer-32000-fixed-load](#)
- [insert-historical-data-offer-64000-fixed-load](#)

System under test

[Details](#)

```
transactionLoad: 100
startingTps: 1
workload:
  module: benchmarks/datamanagement/workloads/historical-data-offer.js
  arguments:
    chaincodeID: basic
    byteSize: 16000
- label: insert-historical-data-offer-32000-fixed-load
  description: >-
    Benchmarking the InsertTestHistoricalDataOffer function with a data size
    of 32000 bytes at a fixed load.
  chaincodeID: basic
  txDuration: 60
  rateControl:
    type: fixed-load
    opts:
      transactionLoad: 120
      startingTps: 1
  workload:
    module: benchmarks/datamanagement/workloads/historical-data-offer.js
    arguments:
      chaincodeID: basic
      byteSize: 32000
- label: insert-historical-data-offer-64000-fixed-load
  description: >-
    Benchmarking the InsertTestHistoricalDataOffer function with a data size
    of 64000 bytes at a fixed load.
  chaincodeID: basic
  txDuration: 60
  rateControl:
    type: fixed-load
    opts:
      transactionLoad: 150
      startingTps: 1
  workload:
    module: benchmarks/datamanagement/workloads/historical-data-offer.js
    arguments:
      chaincodeID: basic
      byteSize: 64000
```

SUT

not provided