



Basic information

DLT: fabric
Name: insert-historical-data-offer-benchmark
Description: Benchmarking the Hyperledger Fabric network with the InsertTestHistoricalDataOffer function
Benchmark Rounds: 8
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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	1631	0	35.3	3.43	0.14	1.22	33.8
insert-historical-data-offer-2000-fixed-load	1692	0	36.8	3.31	0.13	1.28	35.4
insert-historical-data-offer-3000-fixed-load	1751	0	36.5	3.77	0.13	1.44	34.9
insert-historical-data-offer-4000-fixed-load	1738	0	38.2	4.25	0.14	1.56	37.5
insert-historical-data-offer-8000-fixed-load	1671	0	35.9	4.32	0.15	1.67	34.3
insert-historical-data-offer-16000-fixed-load	1860	0	40.2	4.88	0.15	1.94	40.1
insert-historical-data-offer-32000-fixed-load	1739	0	38.2	5.04	0.14	2.12	37.0
insert-historical-data-offer-64000-fixed-load	1873	0	39.3	4.93	0.14	2.20	37.9

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	1631	0	35.3	3.43	0.14	1.22	33.8

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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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	1692	0	36.8	3.31	0.13	1.28	35.4

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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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	1751	0	36.5	3.77	0.13	1.44	34.9

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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



		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

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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	1738	0	38.2	4.25	0.14	1.56	37.5

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



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		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	1671	0	35.9	4.32	0.15	1.67	34.3

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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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	1860	0	40.2	4.88	0.15	1.94	40.1

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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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	1739	0	38.2	5.04	0.14	2.12	37.0

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

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[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	1873	0	39.3	4.93	0.14	2.20	37.9

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



	peer0.org2.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

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- [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: 100
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
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Benchmark results

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