



Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

[Summary](#)
[journey-schedule-1-100 bytesize](#)
[journey-schedule-2-1000 bytesize](#)
[journey-schedule-3-2000 bytesize](#)
[journey-schedule-4-4000 bytesize](#)
[journey-schedule-5-8000 bytesize](#)
[journey-schedule-6-16000 bytesize](#)
[journey-schedule-7-32000 bytesize](#)
[journey-schedule-8-64000 bytesize](#)

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)
journey-schedule-1-100 bytesize	9416	1	157.0	49.34	0.14	25.65	86.3
journey-schedule-2-1000 bytesize	8910	1	148.5	47.87	0.19	25.39	82.7
journey-schedule-3-2000 bytesize	9724	1	162.1	57.28	0.13	30.11	83.0
journey-schedule-4-4000 bytesize	9646	1	160.7	56.99	0.14	30.04	82.6
journey-schedule-5-8000 bytesize	9696	1	161.5	57.15	0.17	30.03	82.8
journey-schedule-6-16000 bytesize	9608	1	160.1	56.57	0.12	29.55	82.5
journey-schedule-7-32000 bytesize	9561	1	159.3	55.09	0.14	29.15	83.1
journey-schedule-8-64000 bytesize	9700	1	161.7	56.65	0.13	30.10	83.3

Benchmark round: journey-schedule-1-100 bytesize

Benchmarking the JourneySchedule function with specific parameters.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```

Performance metrics for journey-schedule-1-100 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-1-100 bytesize	9416	1	157.0	49.34	0.14	25.65	86.3

Resource utilization for journey-schedule-1-100 bytesize

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com



Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-2-1000 bytesize

Another test case for JourneySchedule function.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```

Performance metrics for journey-schedule-2-1000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-2-1000 bytesize	8910	1	148.5	47.87	0.19	25.39	82.7

Resource utilization for journey-schedule-2-1000 bytesize

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3



Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-3-2000 bytesize

Yet another test case for JourneySchedule function.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```

Performance metrics for journey-schedule-3-2000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-3-2000 bytesize	9724	1	162.1	57.28	0.13	30.11	83.0

Resource utilization for journey-schedule-3-2000 bytesize

Resource monitor: prometheus

Metric	Prometheus Query	Name
Avg Memory (MB)	sum(container_memory_rss{name=~".+",}) by (name)	ca_orderer
		couchdb0
		couchdb1



Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

[Summary](#)
[journey-schedule-1-100 bytesize](#)
[journey-schedule-2-1000 bytesize](#)
[journey-schedule-3-2000 bytesize](#)
[journey-schedule-4-4000 bytesize](#)
[journey-schedule-5-8000 bytesize](#)
[journey-schedule-6-16000 bytesize](#)
[journey-schedule-7-32000 bytesize](#)
[journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

		dev-peer0.org1.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-4-4000 bytesize

Additional test case for JourneySchedule function.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```

Performance metrics for journey-schedule-4-4000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-4-4000 bytesize	9646	1	160.7	56.99	0.14	30.04	82.6

Resource utilization for journey-schedule-4-4000 bytesize

Resource monitor: prometheus

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



Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

[Summary](#)
[journey-schedule-1-100 bytesize](#)
[journey-schedule-2-1000 bytesize](#)
[journey-schedule-3-2000 bytesize](#)
[journey-schedule-4-4000 bytesize](#)
[journey-schedule-5-8000 bytesize](#)
[journey-schedule-6-16000 bytesize](#)
[journey-schedule-7-32000 bytesize](#)
[journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

(MB)		
		couchdb0
		couchdb1
		dev-peer0.org1.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-5-8000 bytesize

Another additional test case for JourneySchedule function.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```

Performance metrics for journey-schedule-5-8000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-5-8000 bytesize	9696	1	161.5	57.15	0.17	30.03	82.8

Resource utilization for journey-schedule-5-8000 bytesize



Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-6-16000 bytesize

Another additional test case for JourneySchedule function.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```

Performance metrics for journey-schedule-6-16000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)



journey-schedule-6-16000 bytesize	9608	1	160.1	56.57	0.12	29.55	82.5
-----------------------------------	------	---	-------	-------	------	-------	------

Resource utilization for journey-schedule-6-16000 bytesize

Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

[Summary](#)
[journey-schedule-1-100 bytesize](#)
[journey-schedule-2-1000 bytesize](#)
[journey-schedule-3-2000 bytesize](#)
[journey-schedule-4-4000 bytesize](#)
[journey-schedule-5-8000 bytesize](#)
[journey-schedule-6-16000 bytesize](#)
[journey-schedule-7-32000 bytesize](#)
[journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-7-32000 bytesize

Another additional test case for JourneySchedule function.

```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
```



Performance metrics for journey-schedule-7-32000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-7-32000 bytesize	9561	1	159.3	55.09	0.14	29.15	83.1

Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

Resource utilization for journey-schedule-7-32000 bytesize

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com

Benchmark round: journey-schedule-8-64000 bytesize

Another additional test case for JourneySchedule function.



txDuration: 60
rateControl:
 type: fixed-rate
 opts:
 tps: 2000

Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

Performance metrics for journey-schedule-8-64000 bytesize

Name	Succ	Fail	Send Rate (TPS)	Max Latency (s)	Min Latency (s)	Avg Latency (s)	Throughput (TPS)
journey-schedule-8-64000 bytesize	9700	1	161.7	56.65	0.13	30.10	83.3

Resource utilization for journey-schedule-8-64000 bytesize

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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		dev-peer0.org2.example.com-basic_1.0-e961b826e2a1772403fa1461dc69e5cc120473a06e4fe1c3c9cd9eb35cdb2ab3
		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
		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
		orderer.example.com
		peer0.org1.example.com
		peer0.org2.example.com



Test Environment

benchmark config

Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8
[Details](#)

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)

```
name: journey-schedule-benchmark
description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
workers:
  number: 1
rounds:
  - label: journey-schedule-1-100 bytesize
    description: Benchmarking the JourneySchedule function with specific parameters.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 100
  - label: journey-schedule-2-1000 bytesize
    description: Another test case for JourneySchedule function.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 1000
  - label: journey-schedule-3-2000 bytesize
    description: Yet another test case for JourneySchedule function.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 2000
  - label: journey-schedule-4-4000 bytesize
    description: Additional test case for JourneySchedule function.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 4000
  - label: journey-schedule-5-8000 bytesize
    description: Another additional test case for JourneySchedule function.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 8000
  - label: journey-schedule-6-16000 bytesize
    description: Another additional test case for JourneySchedule function.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 16000
  - label: journey-schedule-7-32000 bytesize
    description: Another additional test case for JourneySchedule function.
    chaincodeID: basic
    txDuration: 60
    rateControl:
      type: fixed-rate
      opts:
        tps: 2000
    workload:
      module: benchmarks/datamanagement/workloads/create-journey.js
      arguments:
        chaincodeID: basic
        byteSize: 32000
  - label: journey-schedule-8-64000 bytesize
    description: Another additional test case for JourneySchedule function.
    chaincodeID: basic
```



```
txDuration: 60
rateControl:
  type: fixed-rate
  opts:
    tps: 2000
workload:
  module: benchmarks/datamanagement/workloads/create-journey.js
  arguments:
    chaincodeID: basic
    byteSize: 64000
```

Basic information

DLT: fabric
Name: journey-schedule-benchmark
Description: Benchmarking the Hyperledger Fabric network with the JourneySchedule function
Benchmark Rounds: 8

[Details](#)

SUT

not provided

Benchmark results

- [Summary](#)
- [journey-schedule-1-100 bytesize](#)
- [journey-schedule-2-1000 bytesize](#)
- [journey-schedule-3-2000 bytesize](#)
- [journey-schedule-4-4000 bytesize](#)
- [journey-schedule-5-8000 bytesize](#)
- [journey-schedule-6-16000 bytesize](#)
- [journey-schedule-7-32000 bytesize](#)
- [journey-schedule-8-64000 bytesize](#)

System under test

[Details](#)