Test Results

Thu May 5 18:12:55 UTC 2022
to
Fri May 6 00:12:55 UTC 2022

Number of Iterations Started
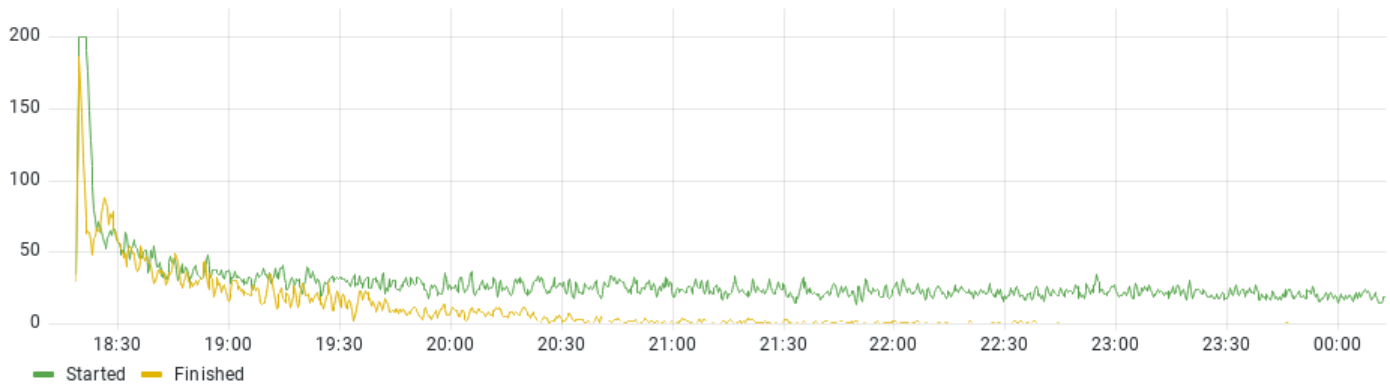
10063

Number of Iterations in Progress

6742

Number of Iterations Finished

3321

Number of Iterations (per Minute)

Started — Finished

Total Number of Connection Invitations

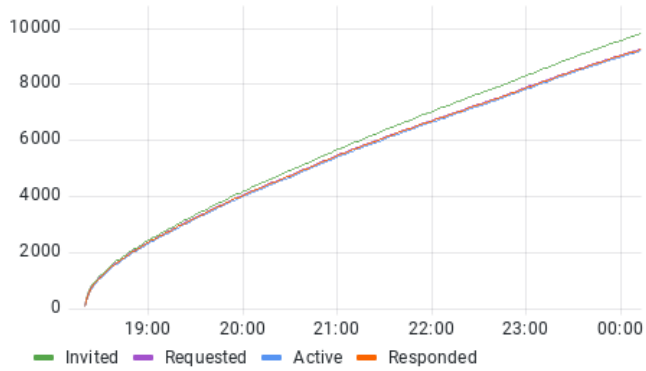## 9815

Total Number Credential Offers

5528

Number of Pending or Failed Connection Invitations
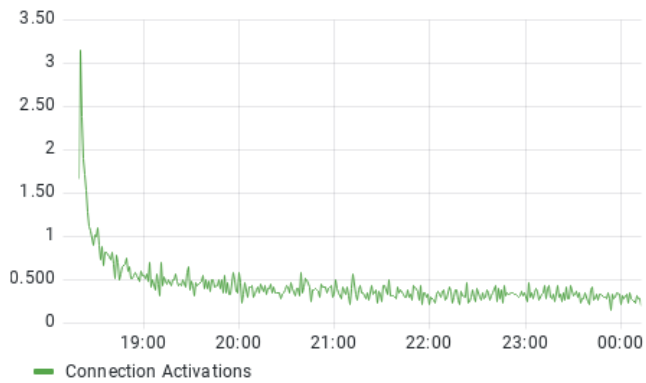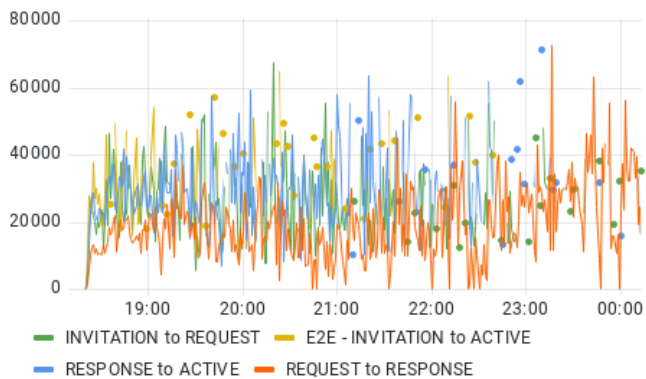
611

Number of Pending or Failed Credential Offers

1431

Connection Status

Legend: Invited, Requested, Active, Responded

Credential Issuance Status

Legend: Offers Sent, Request Received, Issued, Issuance Acknowledged

Connection Activation Rate (per Second)

Legend: Connection Activations
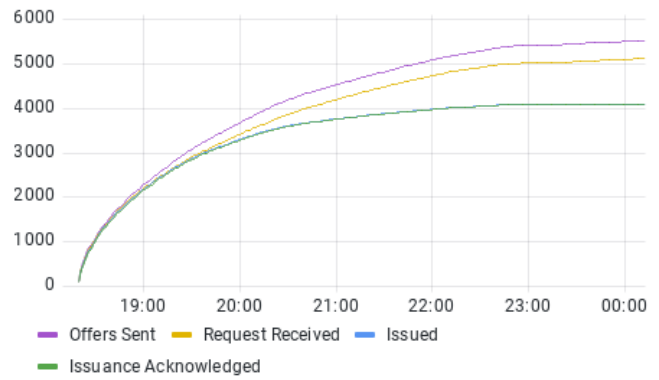
Credential Issuance Rate (per Second)

Legend: Credentials Issued

Connection Protocol Transition Times (per Minute in Milliseconds)

Legend: INVITATION to REQUEST, E2E - INVITATION to ACTIVE, RESPONSE to ACTIVE, REQUEST to RESPONSE
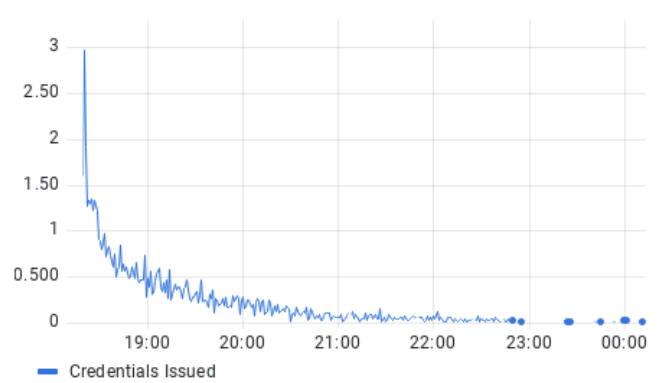
Credential Issuance Protocol Transition Times (per Minute in Millis...

Legend: E2E - OFFER_SENT to CREDENTIAL_ACKED, REQUEST_RECEIVED to CREDENTIAL_ISSUED, CREDENTIAL_ISSUED to CREDENTIAL_ACKED, OFFER_SENT to REQUEST_RECEIVED

Total Number of Proof Requests

4079
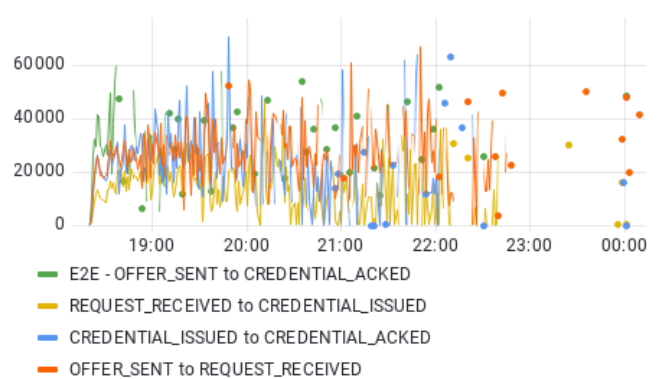
Total Number of Credential Revocation Verifications

0

Number of Pending or Failed Proof Requests

587

Number of Pending or Failed Credential Revocation Checks

0

Number of Incorrect Proof Request Results

0

Number of Failed Credential Revocations
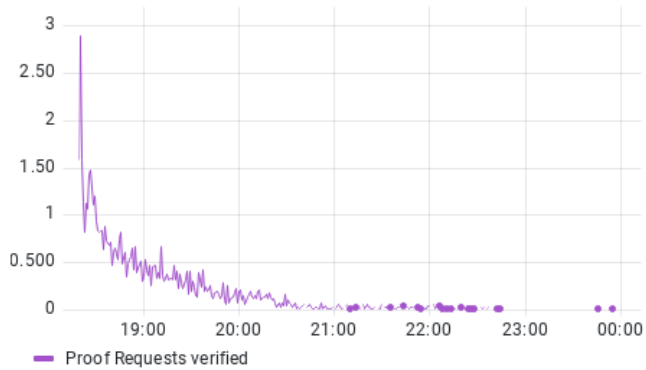
0

Proof Request Status
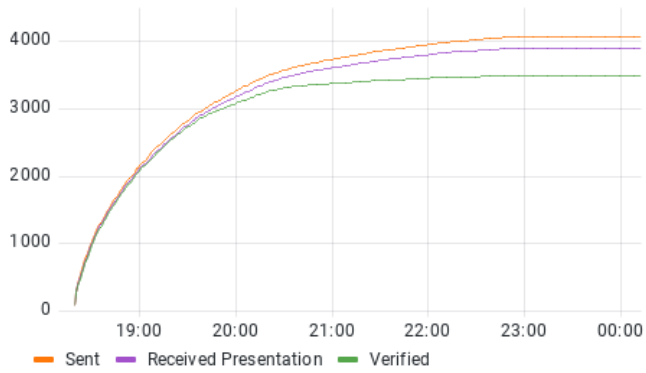
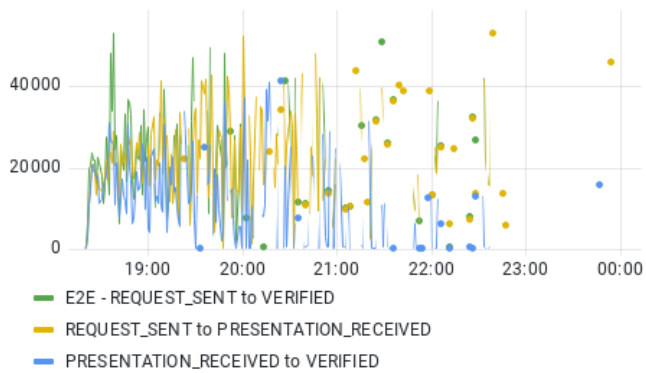## Credential Revocation Check Status

No data

Proof Request Verification Rate (per Second)

Credential Revocation Check Rate (per Second)

No data

Proof Request Protocol Transition Times (per minute in Milliseconds)

Credential Revocation Checks - Proof Request Protocol Transition T...

No data

Revocation Registry Usage

Verify RevReg/Index Combina...

3

3500
3000
2500
2000
1500
1000
500
0

18:30   19:00   19:30   20:00   20:30   21:00   21:30   22:00   22:30   23:00   23:30   00:00
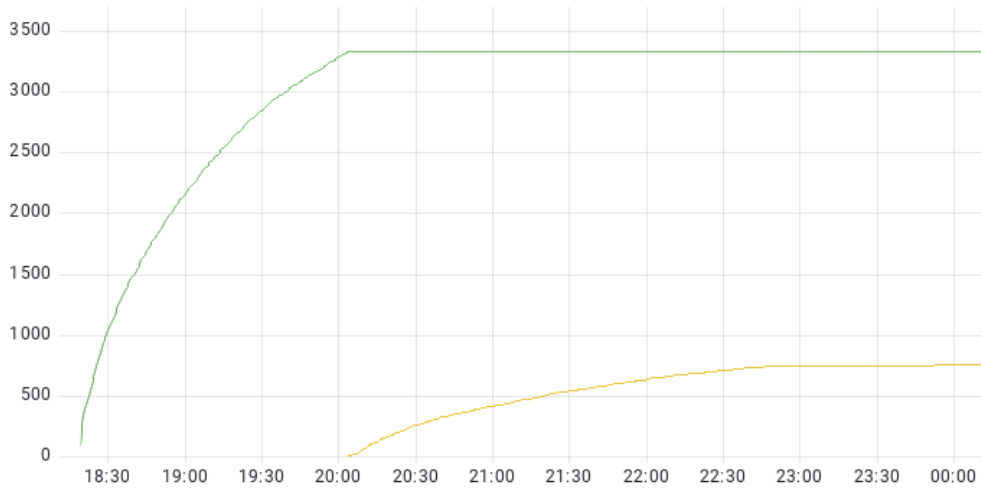
Average Duration to publish "Credential Revocations" (per Minute in Milliseconds)

No data

Number of "Publish Revocation" started (per 5 seconds)

Publishing Started   1

18:30   19:00   19:30   20:00   20:30   21:00   21:30   22:00   22:30   23:00   23:30   00:00

HTTP Response Times of Successful Requests (per Minute in Millis...

- {request="POST/connections/create-invitation"}
- {request="POST/connections/receive-invitation"}
- {request="POST/issue-credential/send"}
- {request="POST/present-proof/send-request"}
- {request="POST/revocation/revoke"}
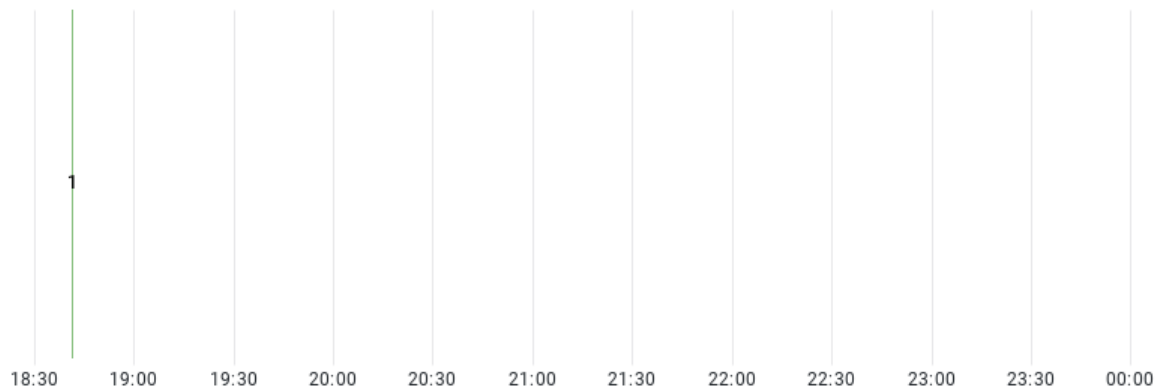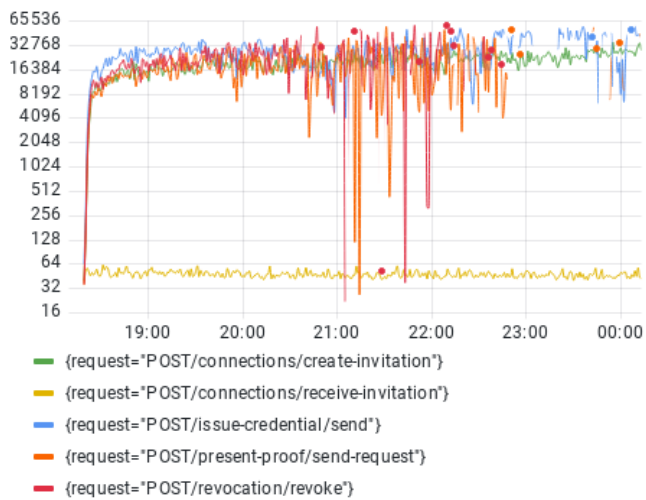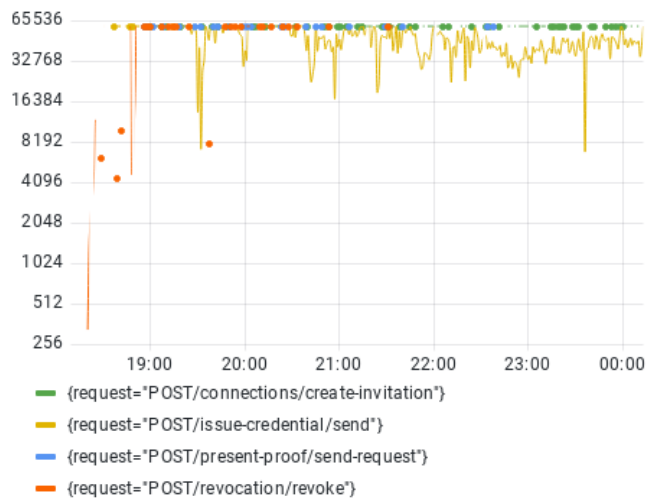
HTTP Response Times of Failed Requests (per Minute in Millisecon...

- {request="POST/connections/create-invitation"}
- {request="POST/issue-credential/send"}
- {request="POST/present-proof/send-request"}
- {request="POST/revocation/revoke"}

Total Number of Failed HTTP Requests

2077

	IV: Create Invitation *1	IV: Issue Credential *1	IV: Issue Credential *2
	0	0	0

IV: Revoke Credential *10	IV: Revoke Credential *11	IV: Revoke Credential *12	IV: Revoke Credential *13	IV: Rev Cred *14
0	0	0	0	44

Error writing to Postgres DB *8	Error reading from Postgres DB *9
0	0

H: Receive Invitation *3	H: Receive Invitation *4,5,6,7
0	0

500 Internal Server Error

0
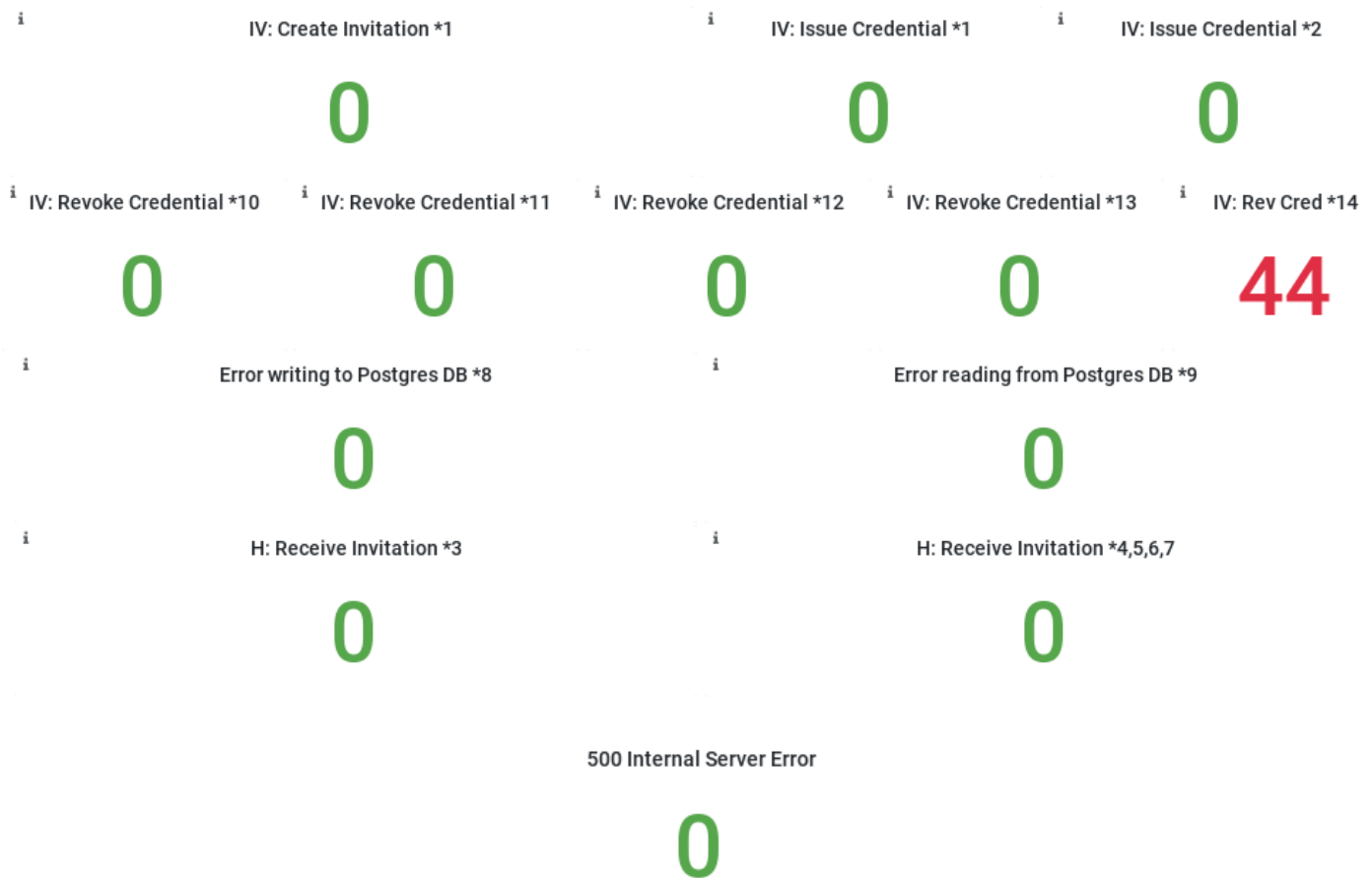
Failed HTTP Requests (per Minute)

POST/revocation/revoke [HTTP 504] *14

18:30 19:00 19:30 20:00 20:30 21:00 21:30 22:00 22:30 23:00 23:30 00:00
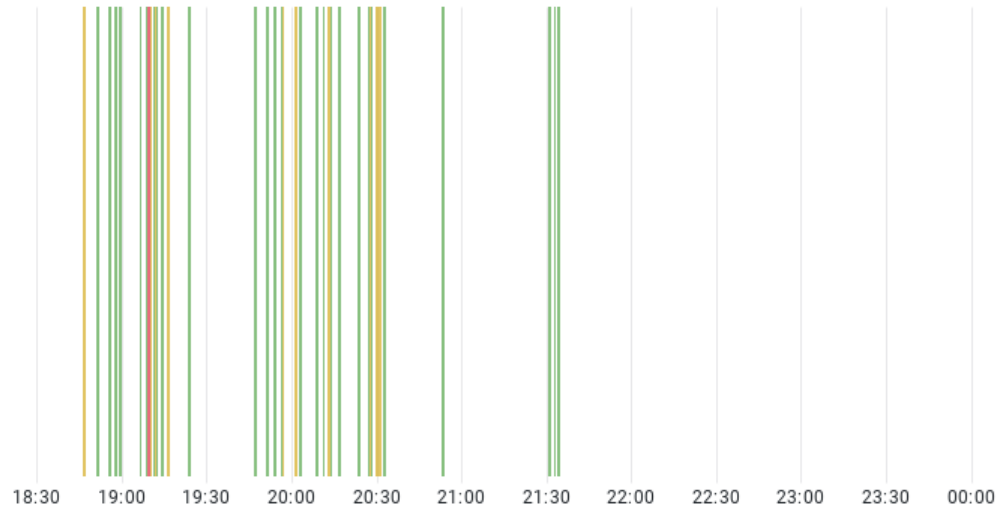
Error Messages

- *1: Error when adding OR fetching storage record. Backend error. Caused by: pool timed out while waiting for an open connection.

- *2: Internal Server Error

- *3: recipientKeys [...] is not a raw Ed25519VerificationKey2018 key

- *4: Error when adding storage record. Backend error. Caused by: pool timed out while waiting for an open connection.

- *5: Error when adding storage record. Backend error. Caused by: error returned from database: database is locked.

- *6: Error when adding storage record. Backend error. Caused by: error returned from database: no such savepoint

- *7: Error when updating storage record value. Backend error. Caused by: error returned from database: no such savepoint

- *8: Error when adding storage record. Backend error. Caused by: error returned from database: sorry, too many clients already.

- *9: Error when fetching storage record. Backend error. Caused by: error returned from database: sorry, too many clients already.

- *10: The current accumulator value [...] must be equal to the last accumulator value

- *11: Error retrieving revocation registry. Backend error. Caused by: pool timed out while waiting for an open connection.

- *12: Revocation registry metadata not found.

- *13: Revocation registry not found.

- *14: Nginx Gateway Time-out

Total Number of Errors Reported through Events

1437

IV: Issue Credential

0

IV: Issue Credential

0

IV: Issue Credential

0

IV: Issue Credential

0

IV: Request Proof

0

Error DB: Too many clients already.

0

Error DB: Statement timed out.

0

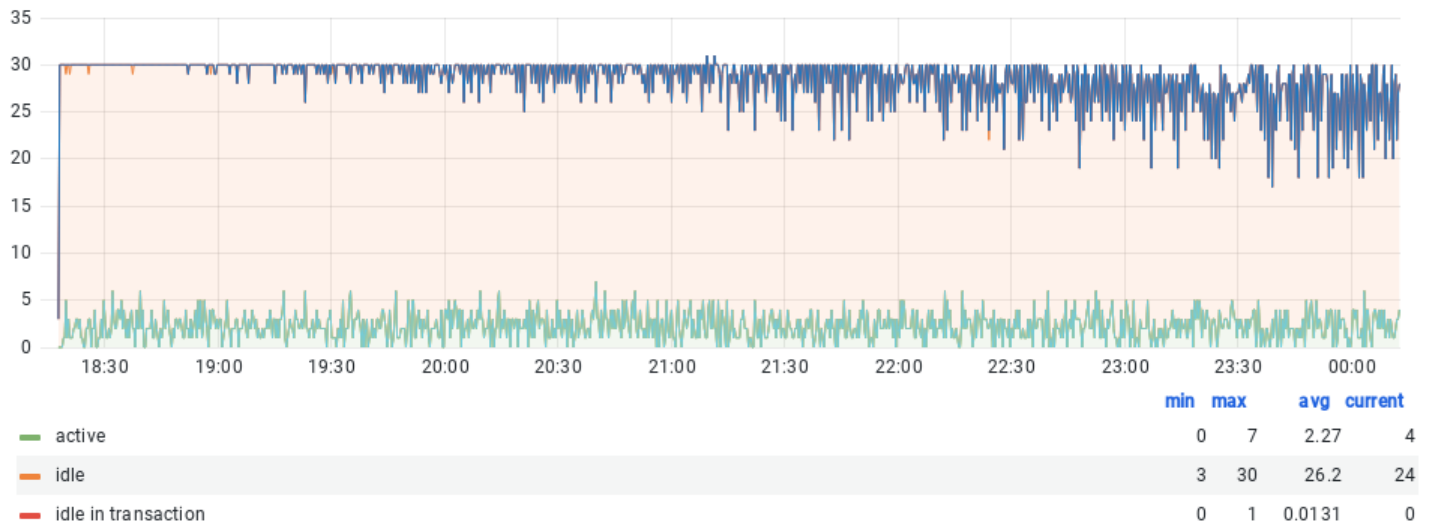Error DB: Pool timed out while waiting for a...

0

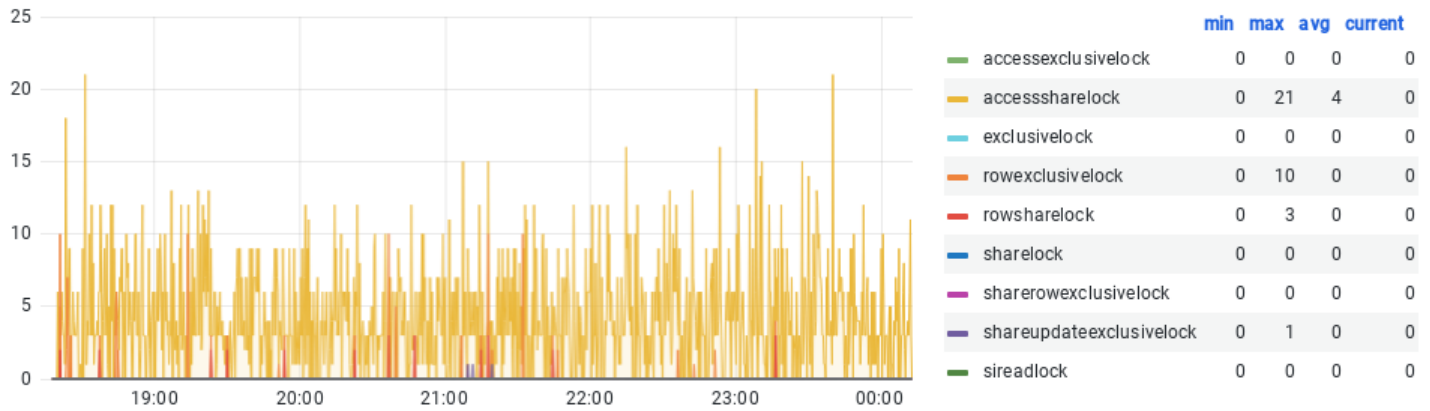Errors Reported through Events (per Minute)

No data in response

Number of Errors Caught by Test Runner

0

Connections

	min	max	avg	current
active	0	7	2.27	4
idle	3	30	26.2	24
idle in transaction	0	1	0.0131	0

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	21	4	0
exclusivelock	0	0	0	0
rowexclusivelock	0	10	0	0
rowsharelock	0	3	0	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	1	0	0
sireadlock	0	0	0	0

Size (in MB)

— {}

CPU Usage Issuer/Verifier Agents

	Mean	Max
agents_issuer-verifier-acapy_1	35.9%	39.0%
agents_issuer-verifier-acapy_10	35.8%	38.0%
agents_issuer-verifier-acapy_2	36.0%	38.9%
agents_issuer-verifier-acapy_3	36.0%	38.7%
agents_issuer-verifier-acapy_4	36.0%	38.6%
agents_issuer-verifier-acapy_5	35.9%	39.3%
agents_issuer-verifier-acapy_6	35.5%	38.0%
agents_issuer-verifier-acapy_7	36.1%	39.0%
agents_issuer-verifier-acapy_8	36.1%	39.5%
agents_issuer-verifier-acapy_9	35.9%	38.5%

Memory Usage Issuer/Verifier Agents

	Mean	Last *	Max
agents_issuer-verifier-acapy_1	106 MiB	111 MiB	115 MiB
agents_issuer-verifier-acapy_10	110 MiB	112 MiB	118 MiB
agents_issuer-verifier-acapy_2	109 MiB	118 MiB	120 MiB
agents_issuer-verifier-acapy_3	110 MiB	126 MiB	131 MiB
agents_issuer-verifier-acapy_4	118 MiB	140 MiB	145 MiB
agents_issuer-verifier-acapy_5	103 MiB	118 MiB	118 MiB
agents_issuer-verifier-acapy_6	105 MiB	116 MiB	118 MiB
agents_issuer-verifier-acapy_7	111 MiB	119 MiB	123 MiB
agents_issuer-verifier-acapy_8	123 MiB	134 MiB	152 MiB
agents_issuer-verifier-acapy_9	106 MiB	118 MiB	122 MiB

CPU Usage Issuer/Verifier Wallet DB

	Mean	Max
issuer-verifier-wallet-db	345%	357%

Memory Usage Issuer/Verifier Wallet DB

	Mean	Last *	Max
— issuer-verifier-wallet-db	61.9 MiB	57.3 MiB	69.9 MiB

CPU Usage Holder Agents
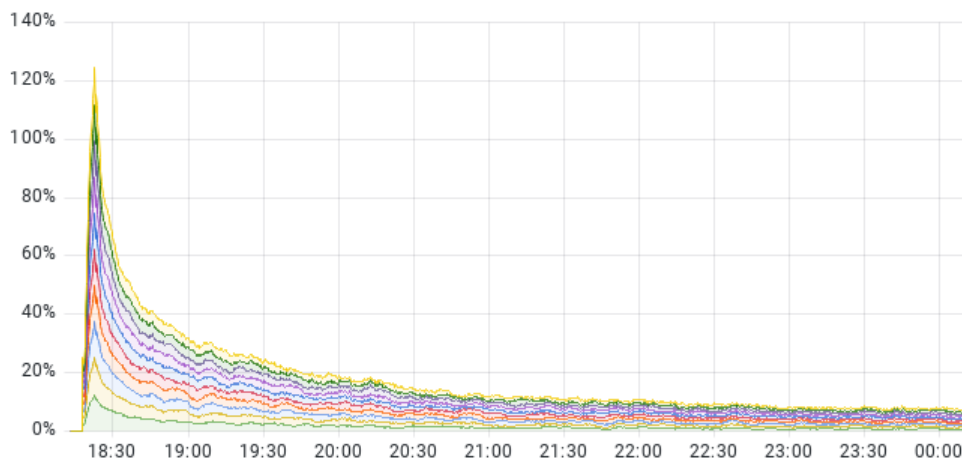
	Mean	Max
— agents_holder-acapy_1	1.80%	12.3%
— agents_holder-acapy_10	1.78%	12.9%
— agents_holder-acapy_2	1.82%	12.2%
— agents_holder-acapy_3	1.80%	12.3%
— agents_holder-acapy_4	1.83%	12.4%
— agents_holder-acapy_5	1.77%	12.5%
— agents_holder-acapy_6	1.81%	12.4%
— agents_holder-acapy_7	1.82%	12.2%
— agents_holder-acapy_8	1.78%	12.6%
— agents_holder-acapy_9	1.80%	12.9%

Memory Usage Holder Agents
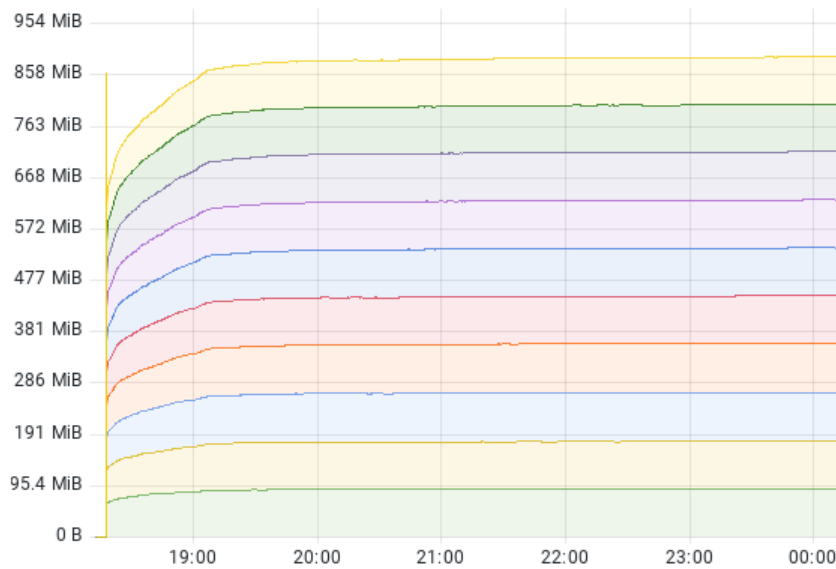
	Mean	Last *	Max
— agents_holder-acapy_1	87.3 MiB	89.2 MiB	89.4 MiB
— agents_holder-acapy_10	86.7 MiB	88.6 MiB	88.6 MiB
— agents_holder-acapy_2	88.9 MiB	90.9 MiB	90.9 MiB
— agents_holder-acapy_3	89.2 MiB	91.3 MiB	186 MiB
— agents_holder-acapy_4	86.8 MiB	88.7 MiB	187 MiB
— agents_holder-acapy_5	87.0 MiB	88.7 MiB	88.9 MiB
— agents_holder-acapy_6	87.5 MiB	89.2 MiB	89.5 MiB
— agents_holder-acapy_7	87.7 MiB	89.5 MiB	89.7 MiB
— agents_holder-acapy_8	86.2 MiB	87.9 MiB	88.1 MiB
— agents_holder-acapy_9	86.2 MiB	88.2 MiB	88.4 MiB

CPU Usage VON Network

	Mean	Max
von_node1_1	15.4%	19.8%
von_node2_1	15.3%	19.8%
von_node3_1	15.1%	19.4%
von_node4_1	15.1%	19.2%
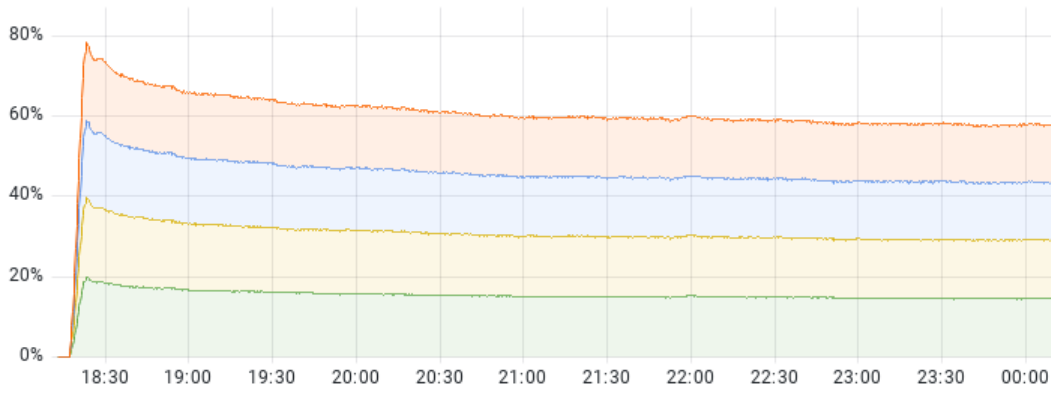
Memory Usage VON Network

	Mean	Last *	Max
von_node1_1	51.6 MiB	52.6 MiB	52.6 MiB
von_node2_1	51.5 MiB	52.5 MiB	52.5 MiB
von_node3_1	51.6 MiB	52.6 MiB	52.6 MiB
von_node4_1	51.7 MiB	52.8 MiB	52.8 MiB

CPU Usage Tails Server
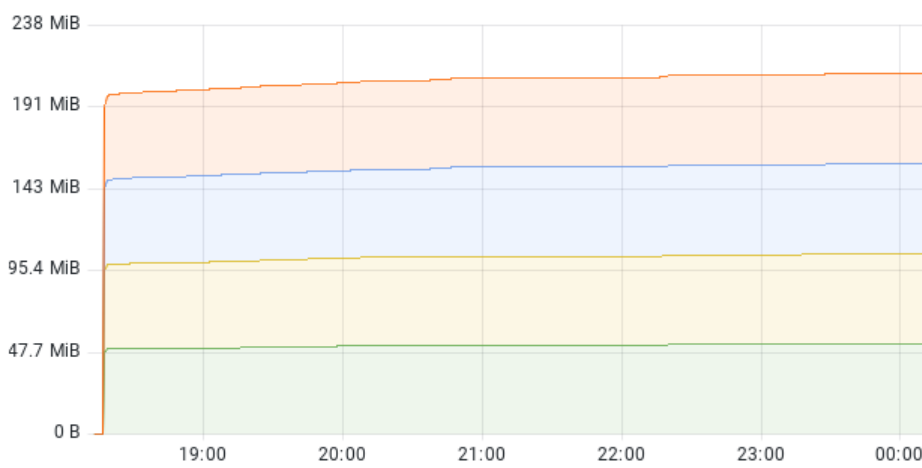
	Mean	Max
tails-server	0.00789%	0.353%
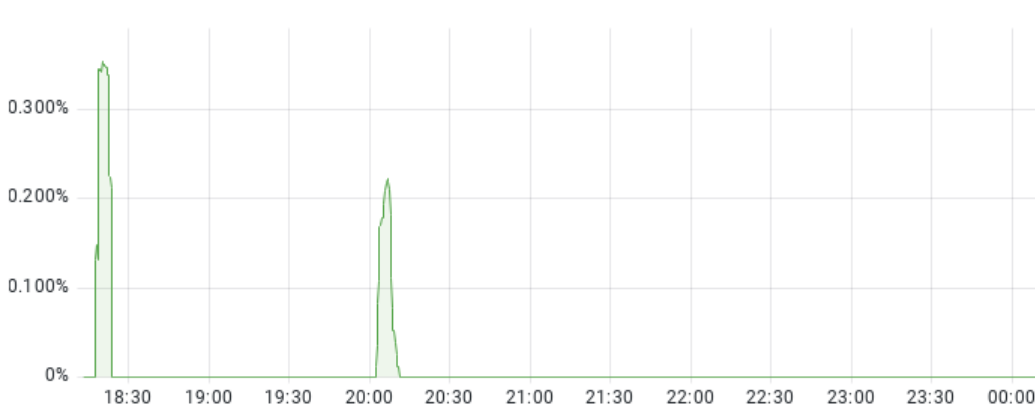
Memory Usage Tails Server
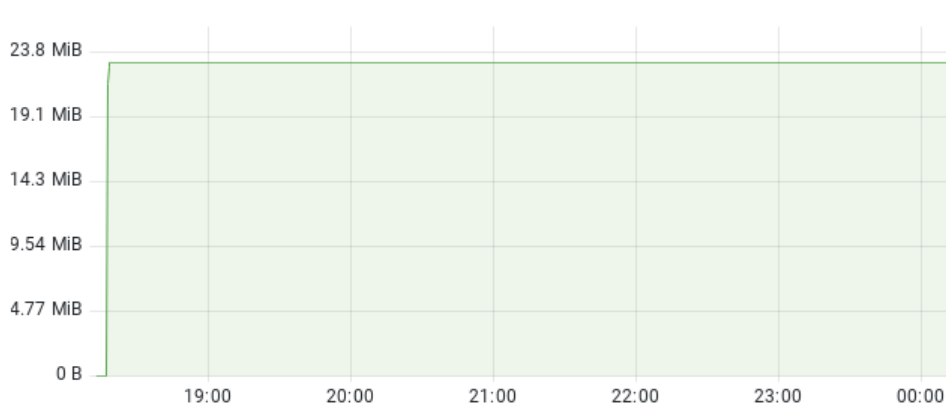
	Mean	Last *	Max
━ tails-server	23.1 MiB	23.1 MiB	23.1 MiB

CPU Usage Load Generator
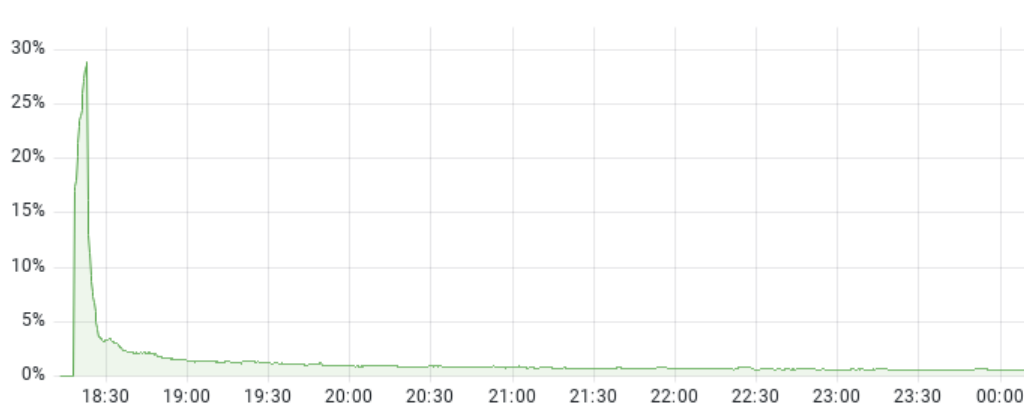
	Mean	Max
━ load-generator-1	1.34%	28.8%

Memory Usage Load Generator
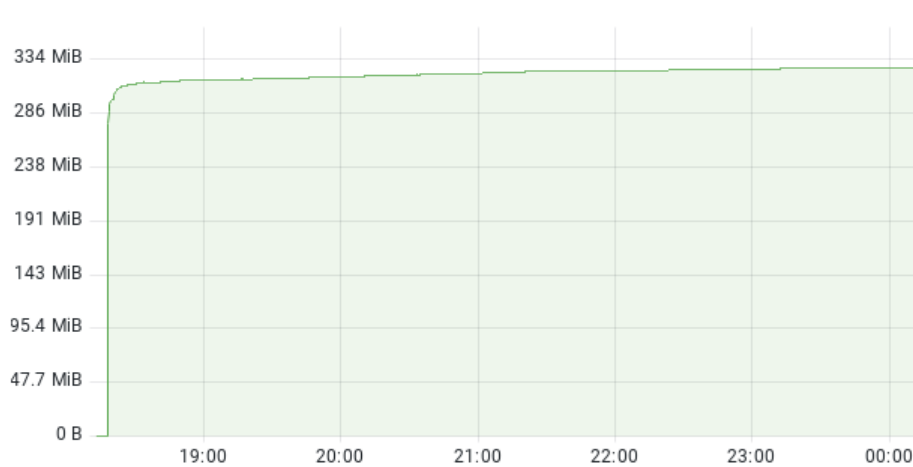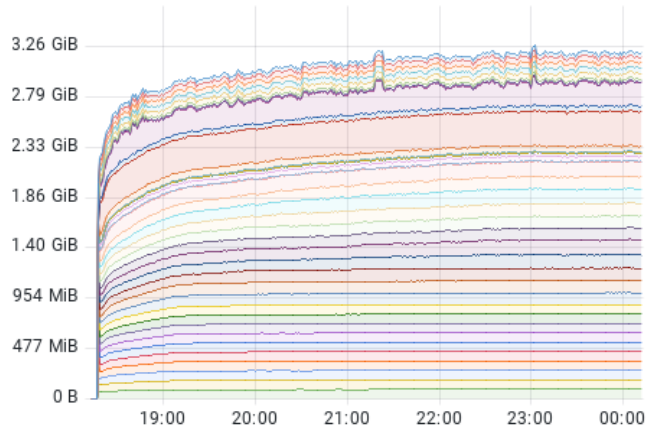
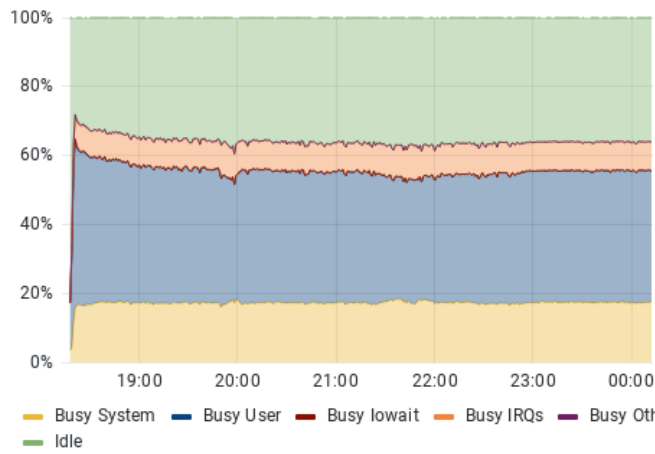|	Mean	Last *	Max
━ load-generator-1	321 MiB	327 MiB	327 MiB

CPU Usage of All Containers
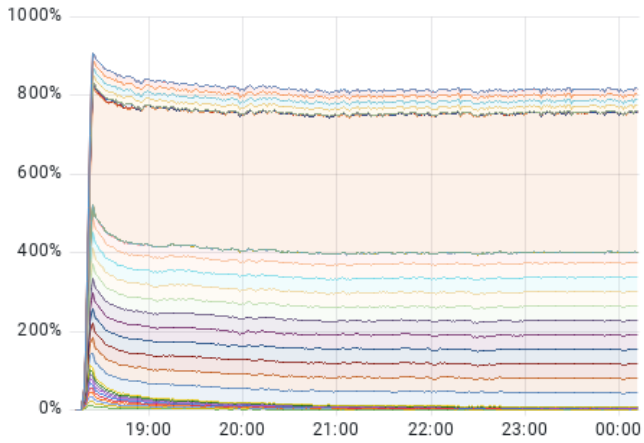
Memory Usage All Containers

Total CPU Usage of Host

- Busy System
- Busy User
- Busy Iowait
- Busy IRQs
- Busy Other
- Idle

Total Memory Usage of Host

- RAM Total
- RAM Used
- RAM Cache + Buffer
- RAM Free
- SWAP Used
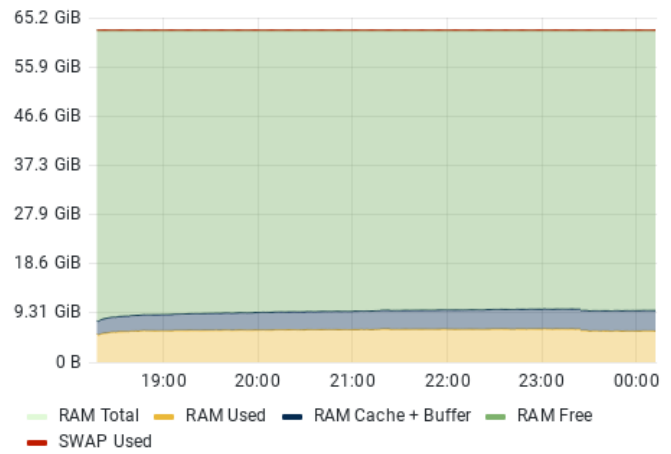
I/O Utilization
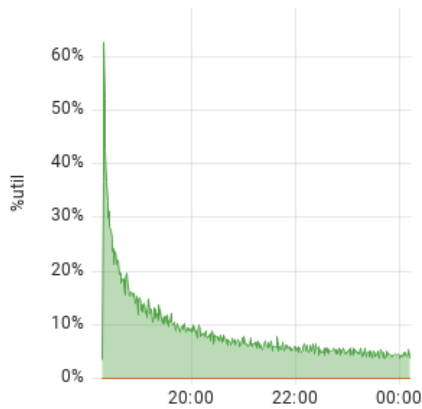
	Mean	Last *	Max	Min
vda	8.72%	3.78%	62.7%	3.42%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

Disk IOps
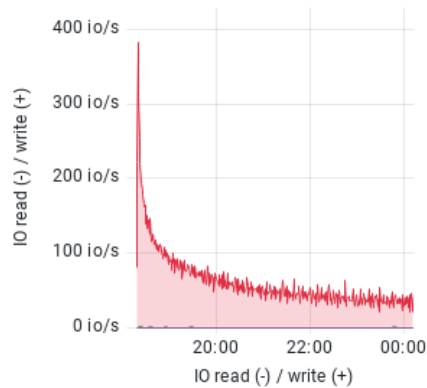
	Mean	Last *
vda - Reads completed	0.00987 io/s	0 io/s
vdb - Reads completed	0 io/s	0 io/s
vdc - Reads completed	0 io/s	0 io/s
vdd - Reads completed	0 io/s	0 io/s
vda - Writes completed	60.8 io/s	20.0 io/
vdb - Writes completed	0 io/s	0 io/s

I/O Usage Read / Write

	Mean	La
vda - Successfully read bytes	923 B/s	0
vdb - Successfully read bytes	0 B/s	0
vdc - Successfully read bytes	0 B/s	0
vdd - Successfully read bytes	0 B/s	0
vda - Successfully written bytes	1.05 MB/s	38
vdb - Successfully written bytes	0 B/s	0

TCP Errors

- ■ OutRsts - Segments sent with RST flag
- ■ InErrs - Segments received in error (e.g., bad TCP checksums)
- ■ RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
- ■ TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections

- ■ CurrEstab - TCP connections for which the current state is either ESTABLISHED