Test Results

Fri May 6 09:16:50 UTC 2022
to
Fri May 6 12:27:32 UTC 2022

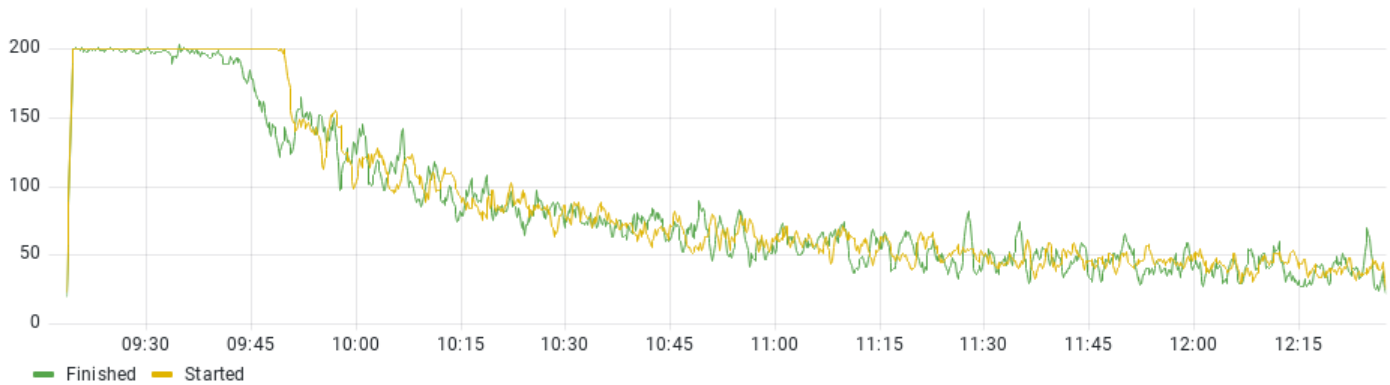| Number of Iterations Started	Number of Iterations in Progress	Number of Iterations Finished
16840	**523**	**16317**

Number of Iterations (per Minute)

— Finished — Started

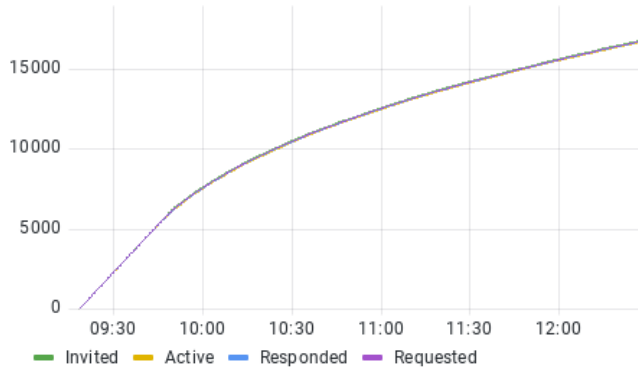| Total Number of Connection Invitations	Total Number Credential Offers
16832	**16669**

Number of Pending or Failed Connection Invitations	Number of Pending or Failed Credential Offers
109	**142**

Connection Status

Invited — Active — Responded — Requested

Credential Issuance Status

Offers Sent — Issuance Acknowledged — Request Received — Issued
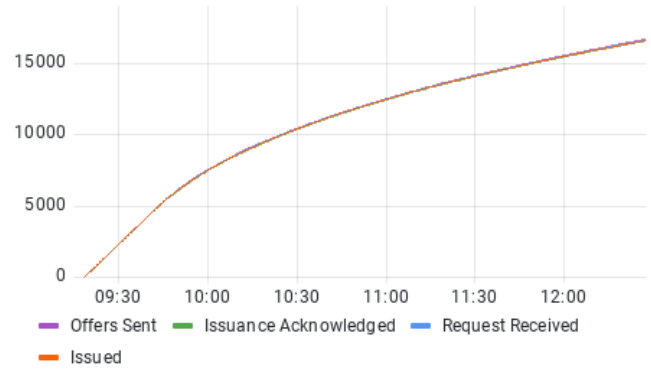
Connection Activation Rate (per Second)

Connection Activations
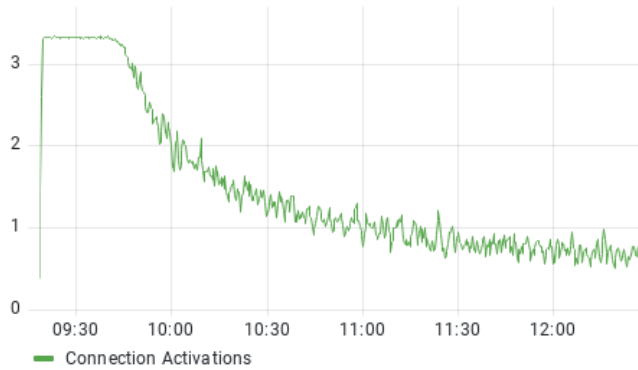
Credential Issuance Rate (per Second)

Credentials Issued
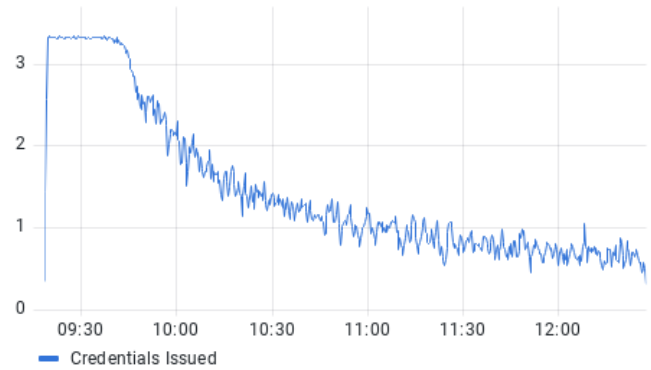
Connection Protocol Transition Times (per Minute in Milliseconds)

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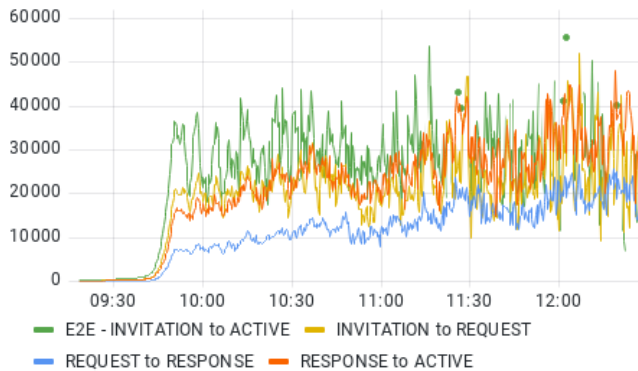
Credential Issuance Protocol Transition Times (per Minute in Millis...

E2E - OFFER_SENT to CREDENTIAL_ACKED
OFFER_SENT to REQUEST_RECEIVED
REQUEST_RECEIVED to CREDENTIAL_ISSUED
CREDENTIAL_ISSUED to CREDENTIAL_ACKED
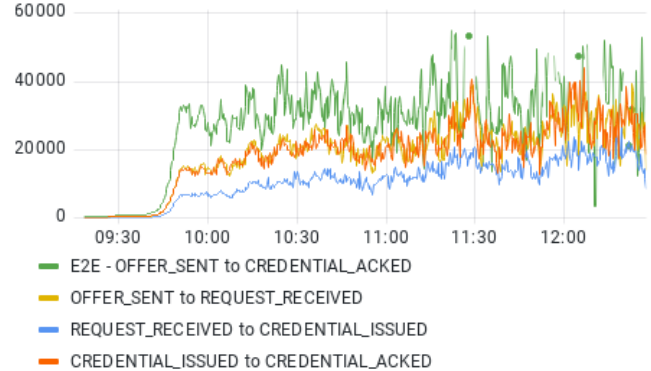
Total Number of Proof Requests

16526

Total Number of Credential Revocation Verifications

0

Number of Pending or Failed Proof Requests

59

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

Legend: Received Presentation — Verified — Sent
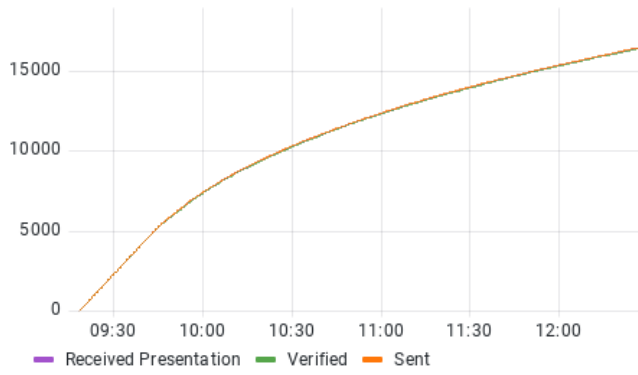
Credential Revocation Check Status

No data

Proof Request Verification Rate (per Second)

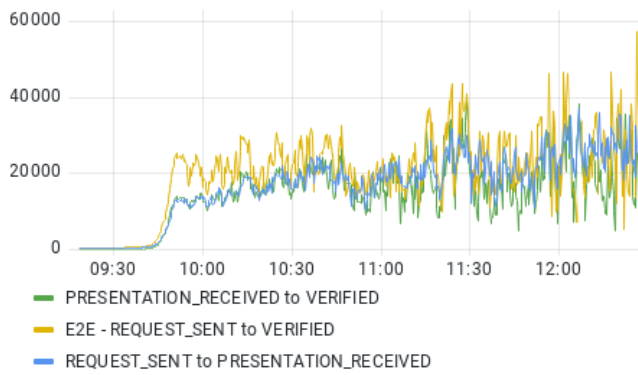Legend: Proof Requests verified
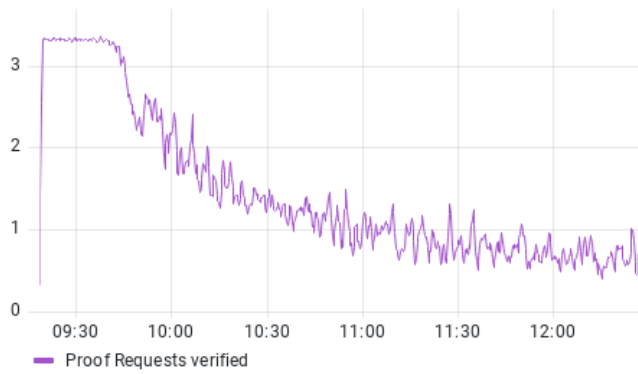
Credential Revocation Check Rate (per Second)

No data

Proof Request Protocol Transition Times (per minute in Milliseconds)

Legend:
- PRESENTATION_RECEIVED to VERIFIED
- E2E - REQUEST_SENT to VERIFIED
- REQUEST_SENT to PRESENTATION_RECEIVED

Credential Revocation Checks - Proof Request Protocol Transition T...
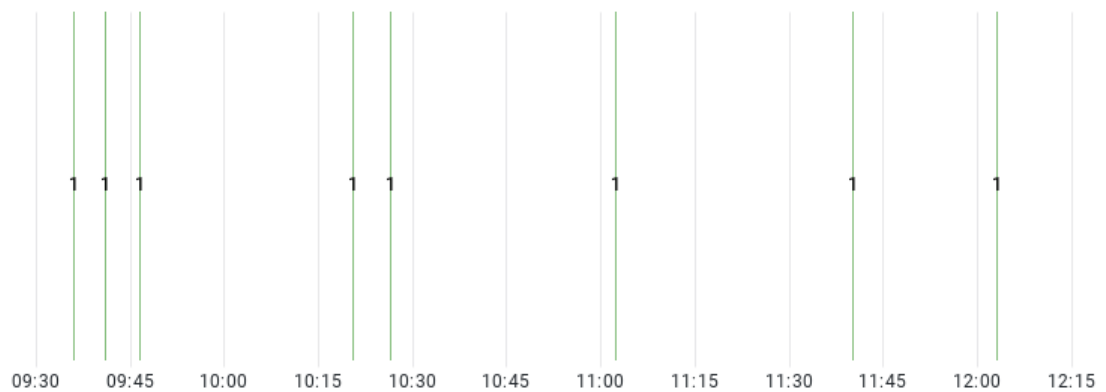
No data

Revocation Registry Usage
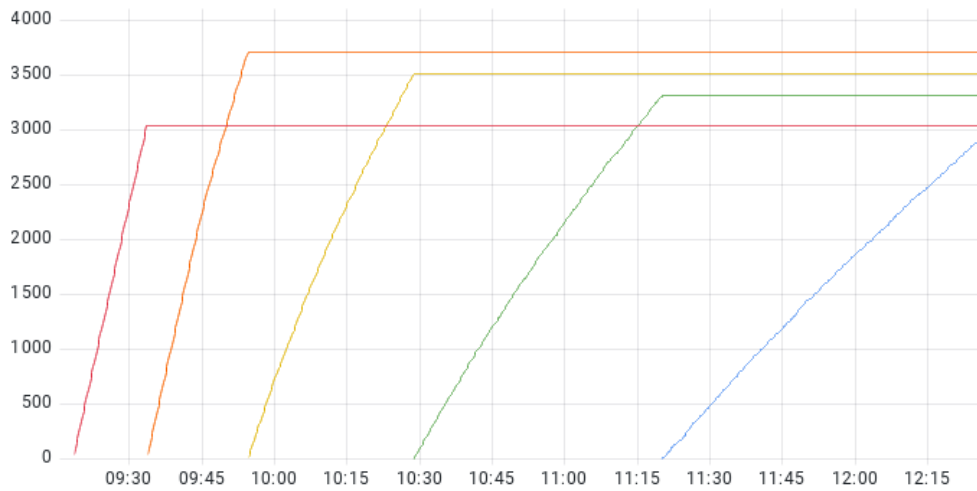
4

Average Duration to publish "Credential Revocations" (per Minute in Milliseconds)

No data

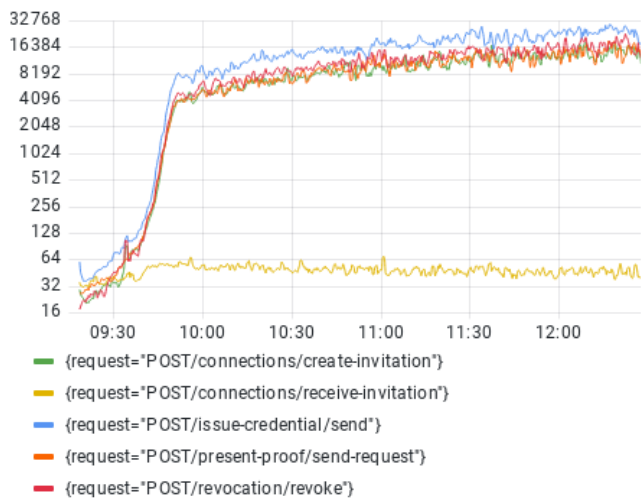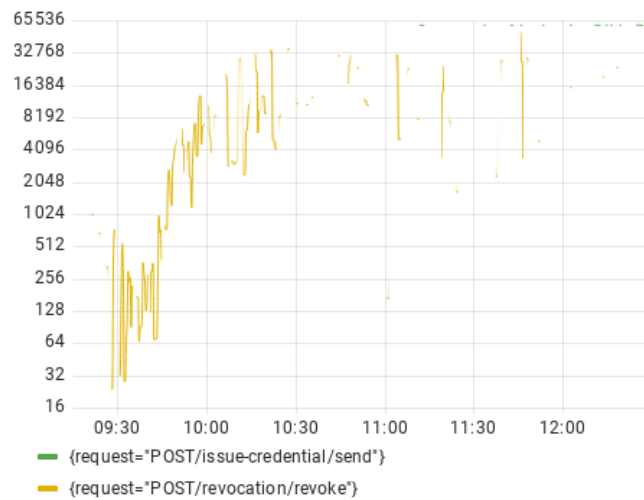## Number of "Publish Revocation" started (per 5 seconds)

Publishing Started   1 1 1   1 1   1   1   1

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/issue-credential/send"}
- {request="POST/revocation/revoke"}

Total Number of Failed HTTP Requests

146

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	2

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
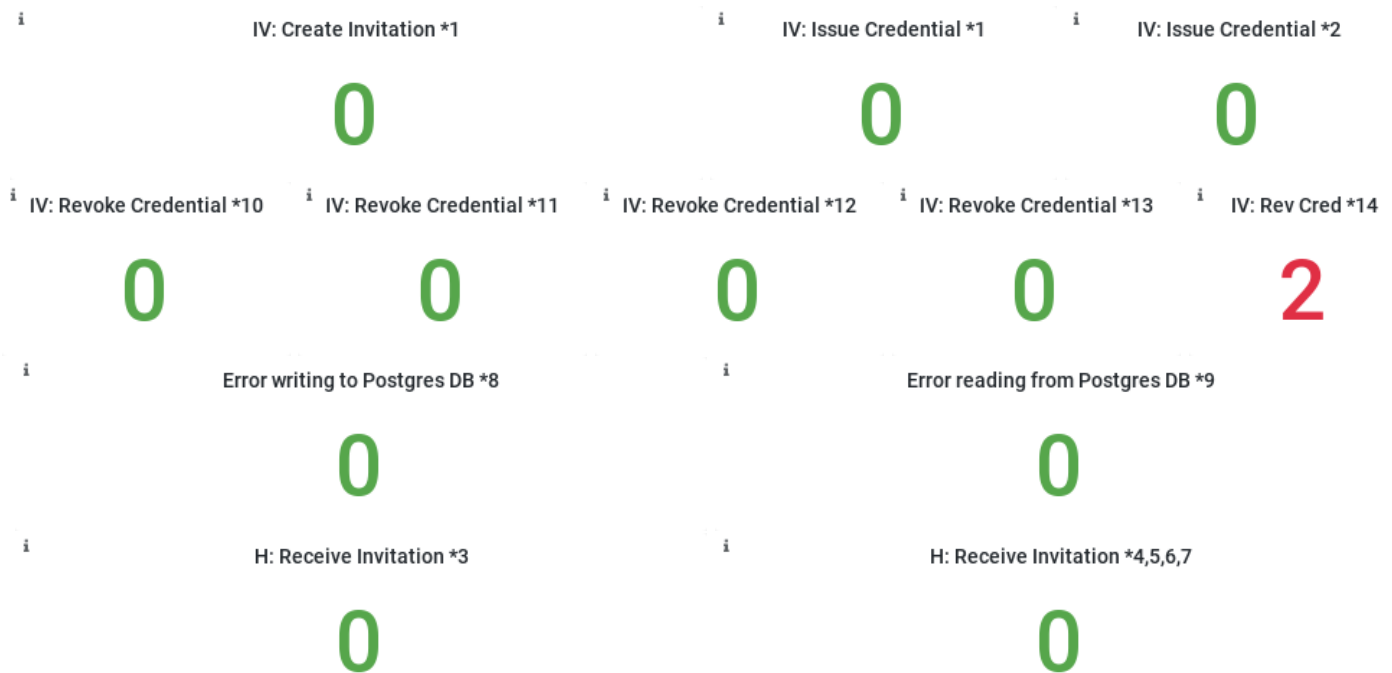
500 Internal Server Error

0

Failed HTTP Requests (per Minute)

POST/revocation/revoke [HTTP 504] *14

09:30   09:45   10:00   10:15   10:30   10:45   11:00   11:15   11:30   11:45   12:00   12:15
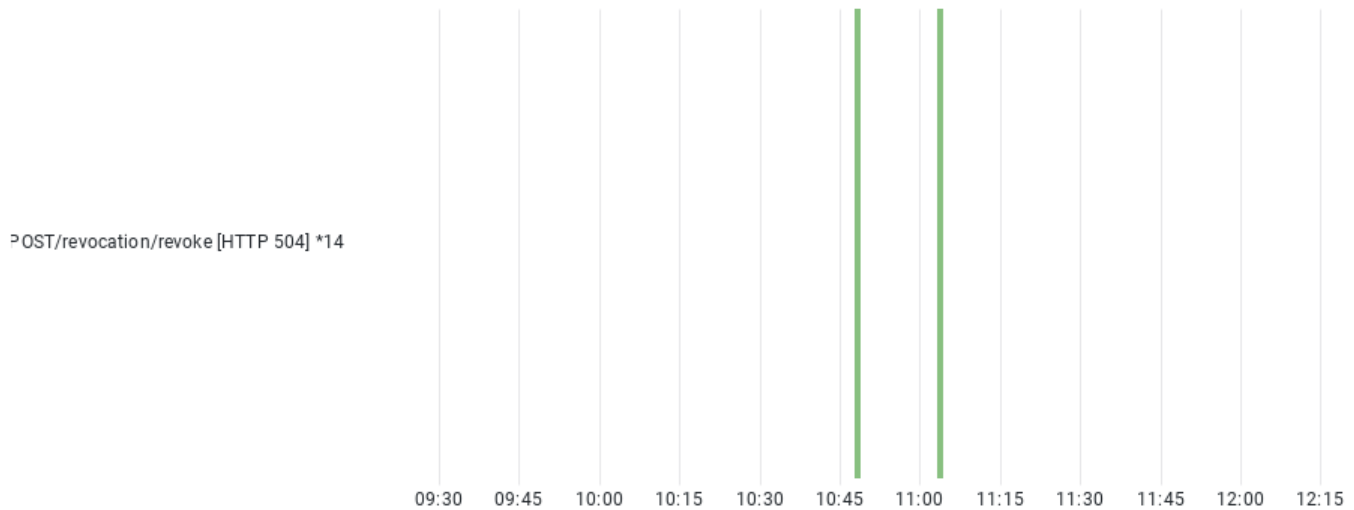
Error Messages

- *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

0

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

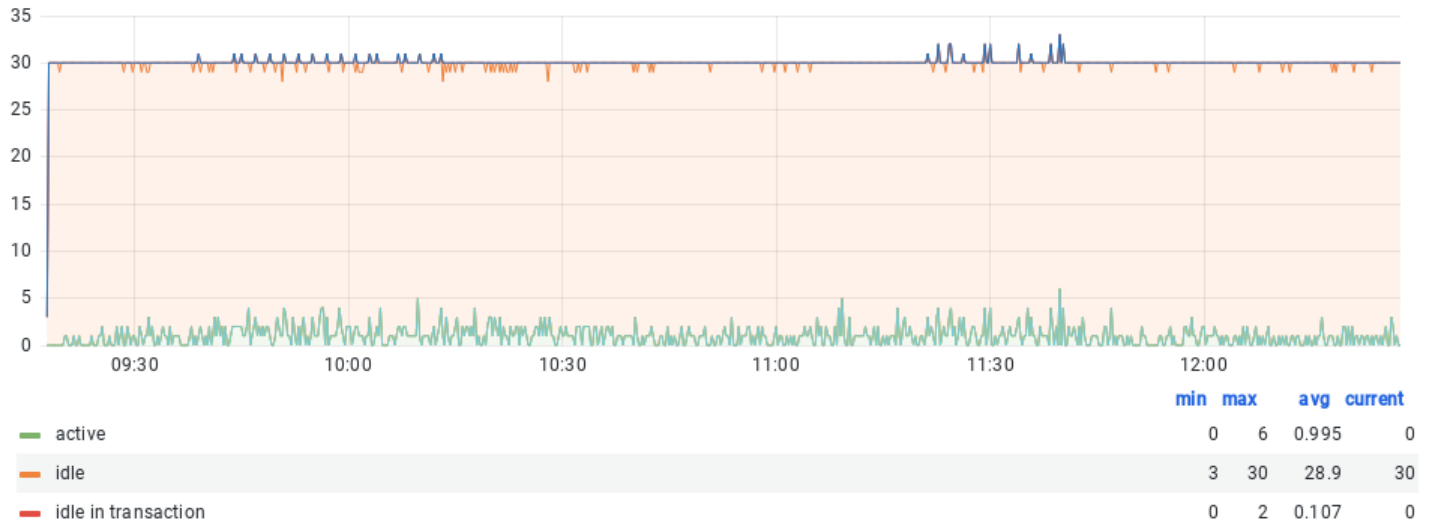Error DB: Pool timed out while waiting for a...

0

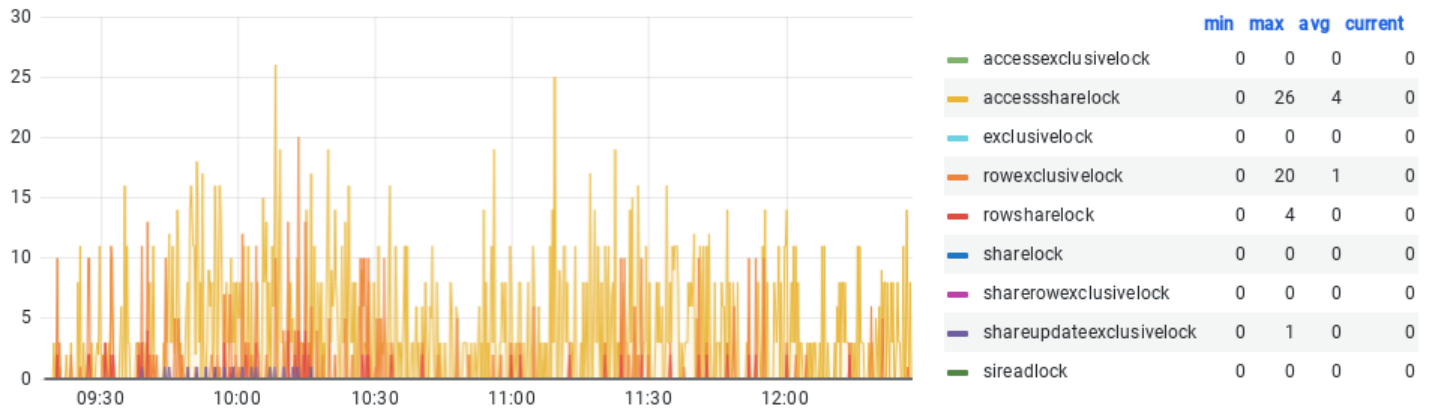Errors Reported through Events (per Minute)

No data in response

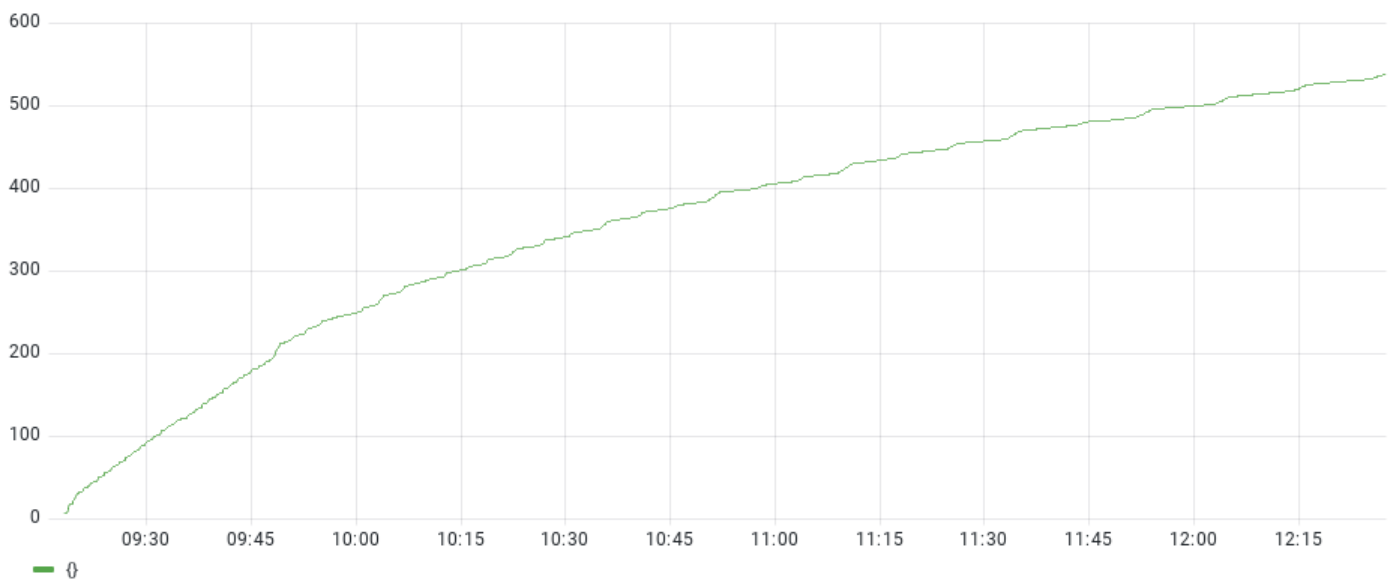Number of Errors Caught by Test Runner

0

Connections

	min	max	avg	current
active	0	6	0.995	0
idle	3	30	28.9	30
idle in transaction	0	2	0.107	0

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	26	4	0
exclusivelock	0	0	0	0
rowexclusivelock	0	20	1	0
rowsharelock	0	4	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
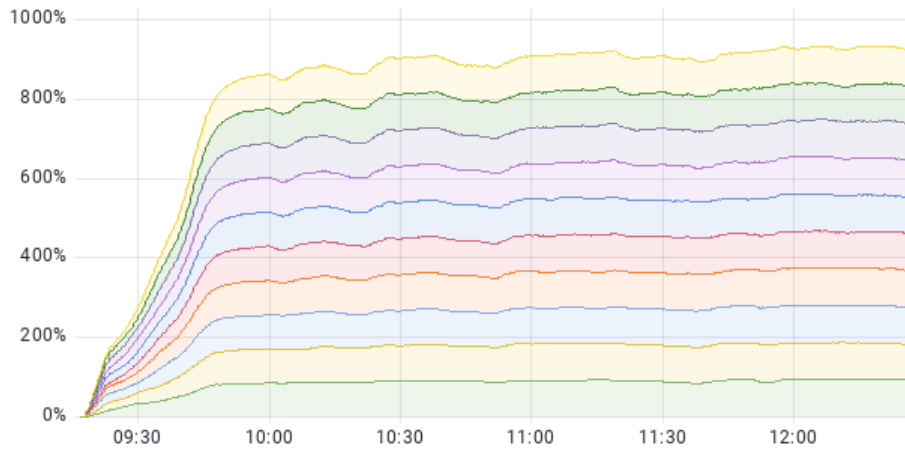
	Mean	Max
agents_issuer-verifier-acapy_1	81.8%	94.0%
agents_issuer-verifier-acapy_10	81.8%	94.0%
agents_issuer-verifier-acapy_2	81.7%	94.1%
agents_issuer-verifier-acapy_3	82.1%	94.2%
agents_issuer-verifier-acapy_4	80.8%	94.0%
agents_issuer-verifier-acapy_5	81.8%	93.9%
agents_issuer-verifier-acapy_6	81.5%	94.2%
agents_issuer-verifier-acapy_7	81.9%	93.9%
agents_issuer-verifier-acapy_8	81.1%	94.0%
agents_issuer-verifier-acapy_9	81.4%	94.0%

Memory Usage Issuer/Verifier Agents
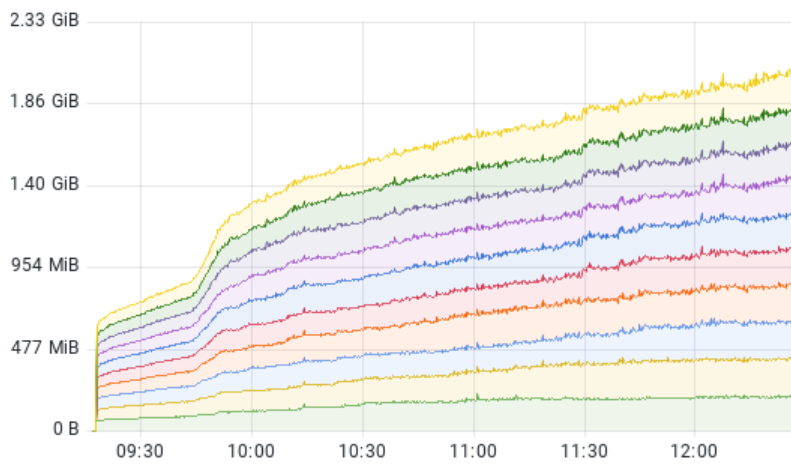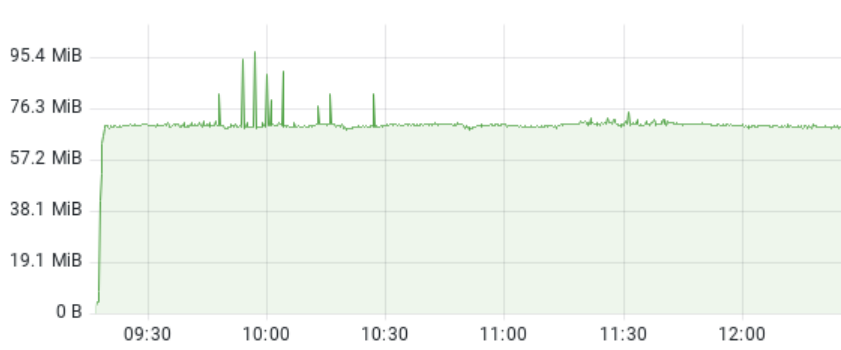

|	Mean	Last *	Max
agents_issuer-verifier-acapy_1	156 MiB	204 MiB	217 MiB
agents_issuer-verifier-acapy_10	159 MiB	216 MiB	239 MiB
agents_issuer-verifier-acapy_2	148 MiB	209 MiB	237 MiB
agents_issuer-verifier-acapy_3	164 MiB	219 MiB	230 MiB
agents_issuer-verifier-acapy_4	148 MiB	208 MiB	226 MiB
agents_issuer-verifier-acapy_5	161 MiB	198 MiB	223 MiB
agents_issuer-verifier-acapy_6	153 MiB	215 MiB	230 MiB
agents_issuer-verifier-acapy_7	160 MiB	197 MiB	225 MiB
agents_issuer-verifier-acapy_8	158 MiB	200 MiB	219 MiB
agents_issuer-verifier-acapy_9	166 MiB	229 MiB	273 MiB

CPU Usage Issuer/Verifier Wallet DB

	Mean	Max
issuer-verifier-wallet-db	98.0%	138%

Memory Usage Issuer/Verifier Wallet DB

	Mean	Last *	Max
issuer-verifier-wallet-db	70.0 MiB	59.9 MiB	97.9 MiB

CPU Usage Holder Agents
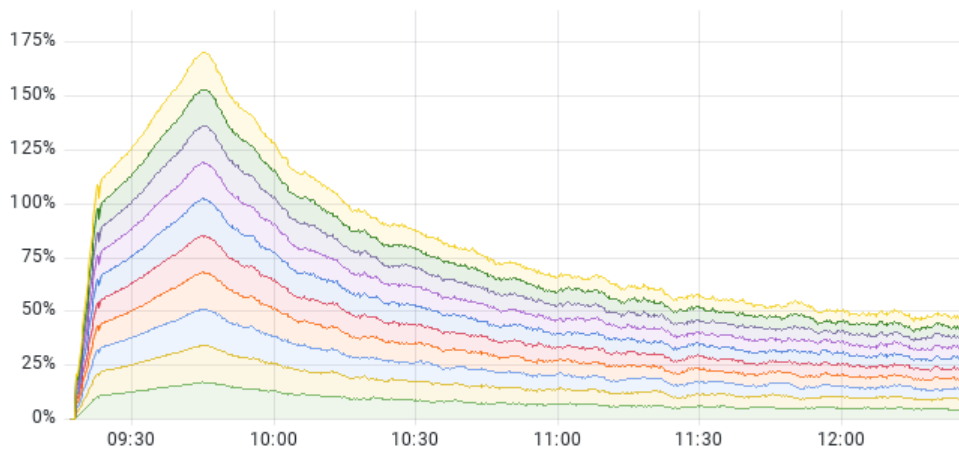
	Mean	Max
agents_holder-acapy_1	8.27%	17.2%
agents_holder-acapy_10	8.29%	17.2%
agents_holder-acapy_2	8.28%	17.1%
agents_holder-acapy_3	8.26%	17.1%
agents_holder-acapy_4	8.29%	17.1%
agents_holder-acapy_5	8.31%	17.2%
agents_holder-acapy_6	8.30%	17.2%
agents_holder-acapy_7	8.29%	17.2%
agents_holder-acapy_8	8.33%	17.1%
agents_holder-acapy_9	8.28%	17.1%

Memory Usage Holder Agents
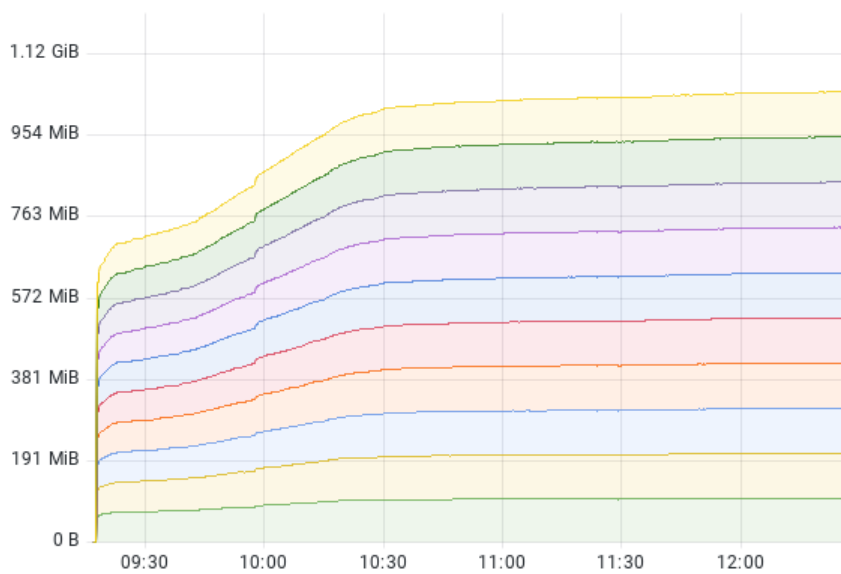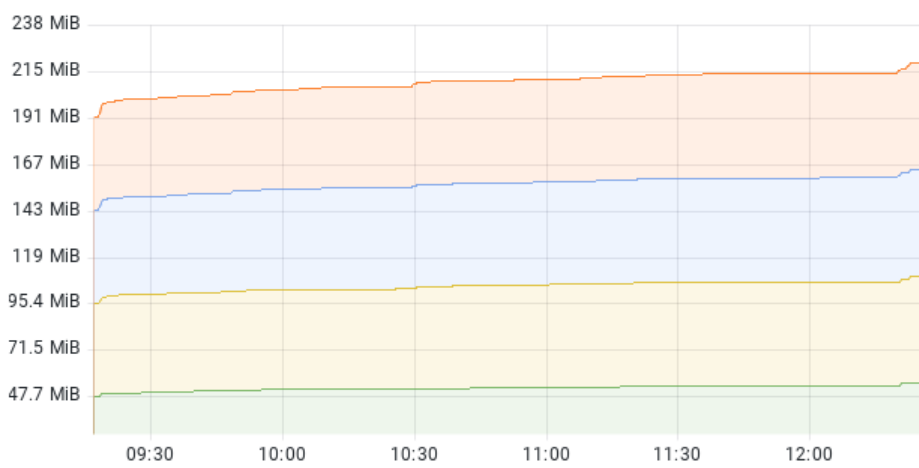
	Mean	Last *	Max
agents_holder-acapy_1	94.4 MiB	103 MiB	104 MiB
agents_holder-acapy_10	96.0 MiB	105 MiB	105 MiB
agents_holder-acapy_2	95.8 MiB	105 MiB	105 MiB
agents_holder-acapy_3	96.9 MiB	107 MiB	107 MiB
agents_holder-acapy_4	96.2 MiB	105 MiB	106 MiB
agents_holder-acapy_5	95.7 MiB	105 MiB	105 MiB
agents_holder-acapy_6	97.1 MiB	107 MiB	107 MiB
agents_holder-acapy_7	96.6 MiB	106 MiB	106 MiB
agents_holder-acapy_8	96.8 MiB	107 MiB	107 MiB
agents_holder-acapy_9	95.9 MiB	105 MiB	105 MiB

CPU Usage VON Network

	Mean	Max
von_node1_1	16.7%	22.0%
von_node2_1	16.4%	21.6%
von_node3_1	16.3%	21.4%
von_node4_1	16.1%	21.3%
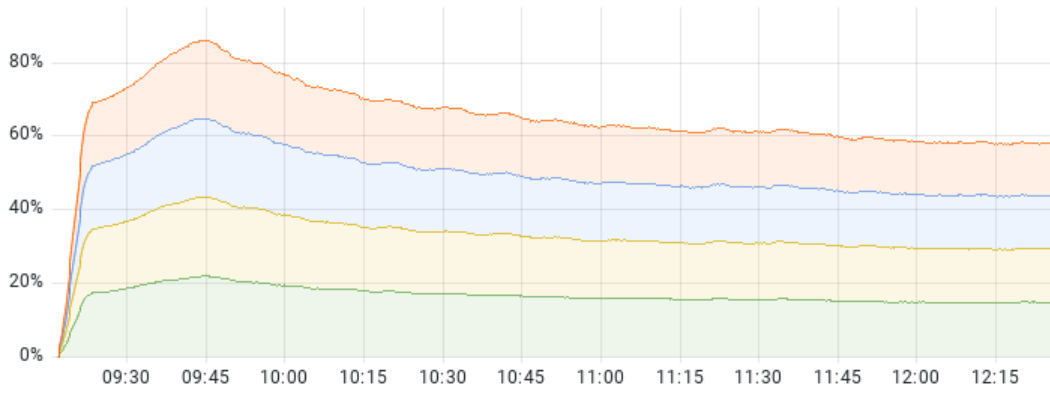
Memory Usage VON Network

	Mean	Last *	Max
von_node1_1	52.1 MiB	54.6 MiB	54.6 MiB
von_node2_1	52.4 MiB	54.8 MiB	54.8 MiB
von_node3_1	52.3 MiB	54.9 MiB	54.9 MiB
von_node4_1	52.3 MiB	54.7 MiB	54.7 MiB

CPU Usage Tails Server

	Mean	Max
tails-server	0.0287%	0.231%

Memory Usage Tails Server
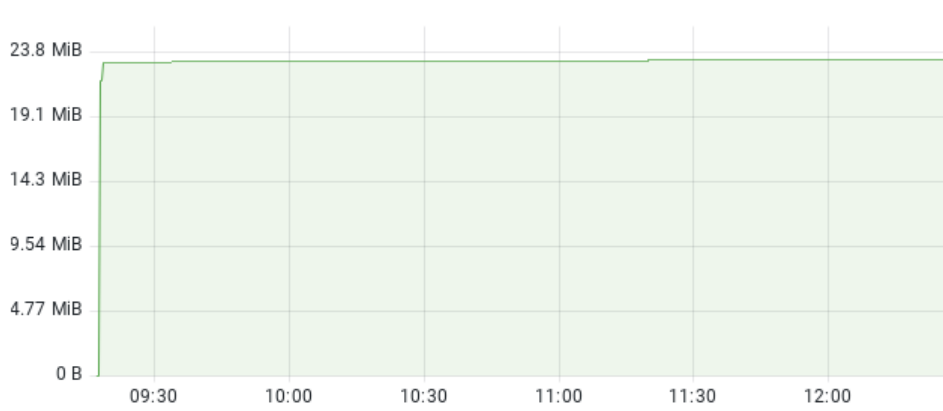
	Mean	Last *	Max
▬ tails-server	23.2 MiB	23.3 MiB	23.3 MiB

CPU Usage Load Generator

	Mean	Max
▬ load-generator-1	3.58%	29.2%

Memory Usage Load Generator
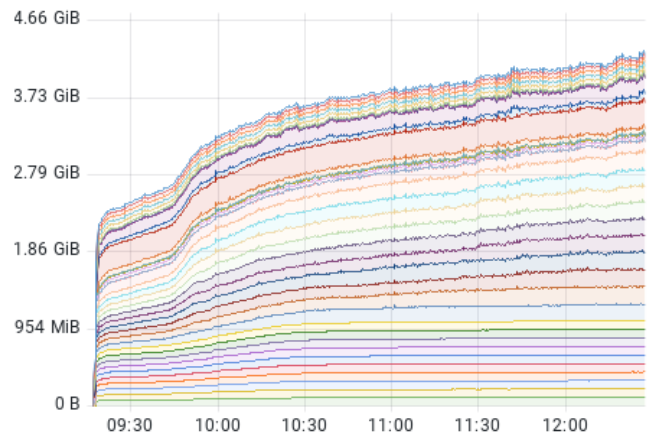
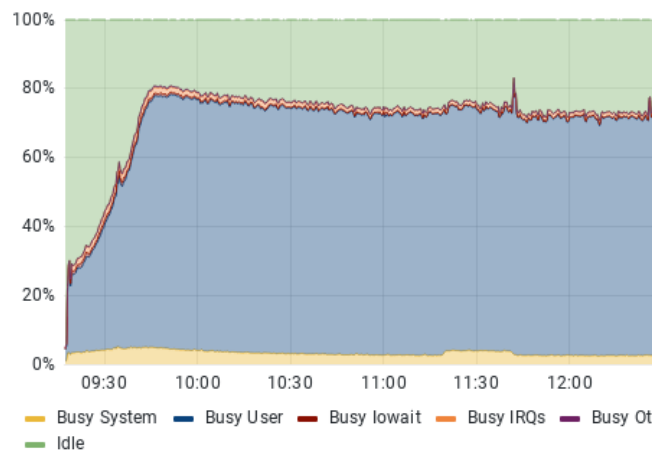|	Mean	Last *	Max
▬ load-generator-1	317 MiB	325 MiB	325 MiB

CPU Usage of All Containers
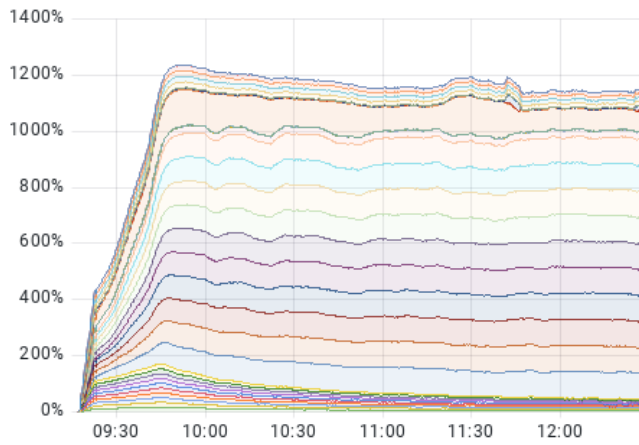
Memory Usage All Containers

Total CPU Usage of Host

Legend: Busy System, Busy User, Busy Iowait, Busy IRQs, Busy Other, Idle

Total Memory Usage of Host

Legend: RAM Total, RAM Used, RAM Cache + Buffer, RAM Free, SWAP Used
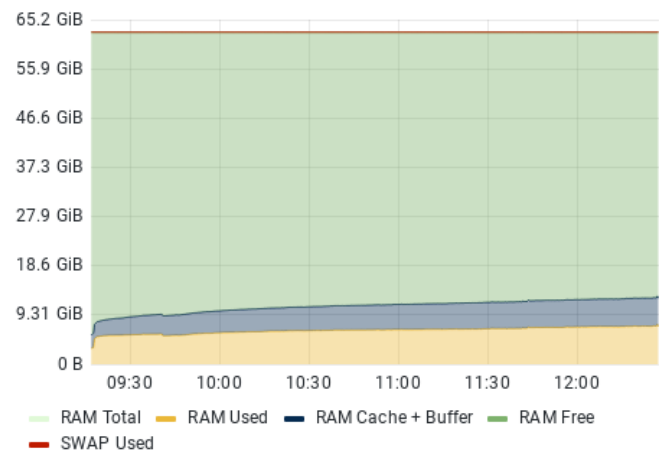
I/O Utilization
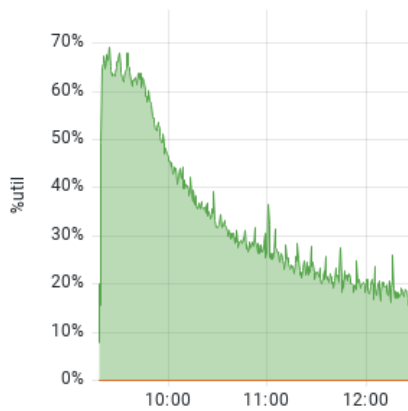
	Mean	Last *	Max	Min
vda	33.9%	19.4%	69.1%	7.73%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

Disk IOps
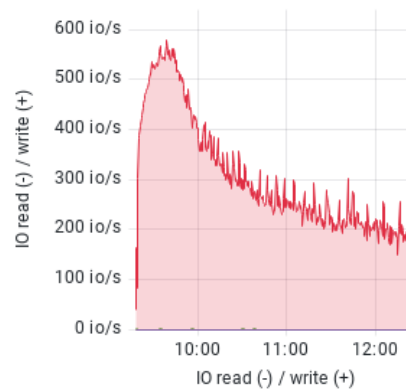
IO read (-) / write (+)

	Mean	Last *
vda - Reads completed	0.00675 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	303 io/s	191 io/s
vdb - Writes completed	0 io/s	0 io/s

I/O Usage Read / Write

bytes read (-) / write (+)
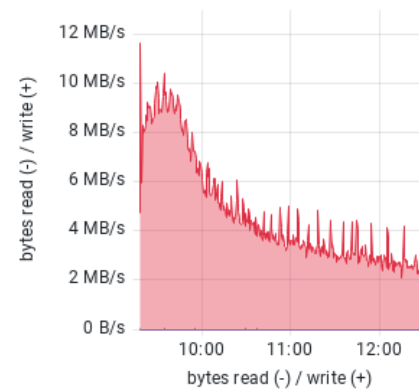
	Mean	La
vda - Successfully read bytes	148 B/s	0
vdb - Successfully read bytes	0 B/s	0
vdc - Successfully read bytes	0 B/s	0
vdd - Successfully read bytes	0 B/s	0
vda - Successfully written bytes	4.74 MB/s	2.
vdb - Successfully written bytes	0 B/s	0

TCP Errors

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

TCP Connections

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