Test Results

Fri May 6 05:02:04 UTC 2022
to
Fri May 6 08:58:25 UTC 2022

Number of Iterations Started	Number of Iterations in Progress	Number of Iterations Finished
18369	**2534**	**15835**

Number of Iterations (per Minute)

Legend: — Finished — Started

Total Number of Connection Invitations	Total Number Credential Offers
18361	**18083**

Number of Pending or Failed Connection Invitations	Number of Pending or Failed Credential Offers
119	**1957**

Connection Status

Active — Responded — Requested — Invited

Credential Issuance Status

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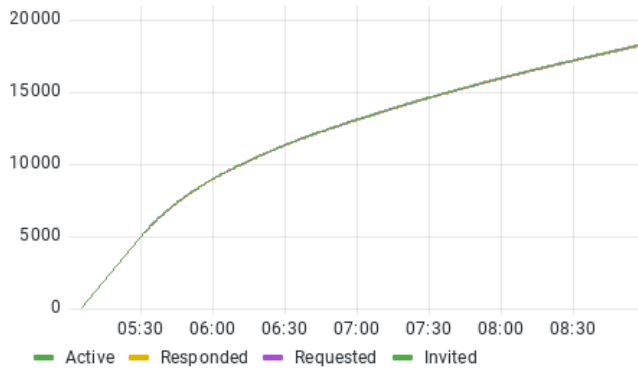
Connection Activation Rate (per Second)

Connection Activations
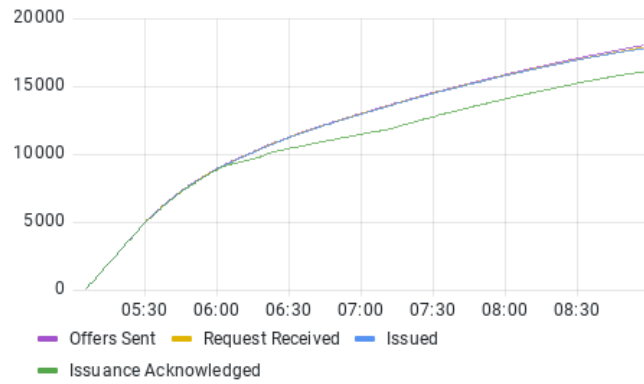
Credential Issuance Rate (per Second)

Credentials Issued

Connection Protocol Transition Times (per Minute in Milliseconds)

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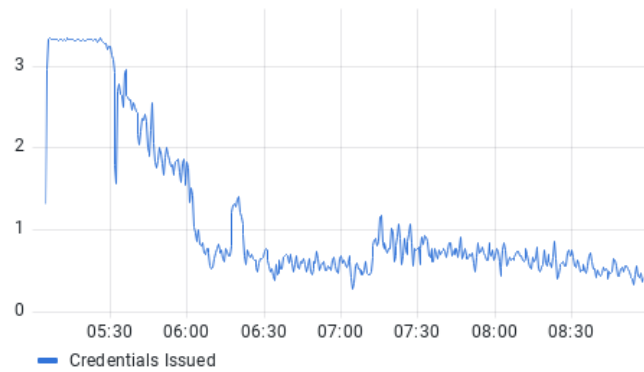
Credential Issuance Protocol Transition Times (per Minute in Millis...

OFFER_SENT to REQUEST_RECEIVED
E2E - OFFER_SENT to CREDENTIAL_ACKED
REQUEST_RECEIVED to CREDENTIAL_ISSUED
CREDENTIAL_ISSUED to CREDENTIAL_ACKED

Total Number of Proof Requests

16123
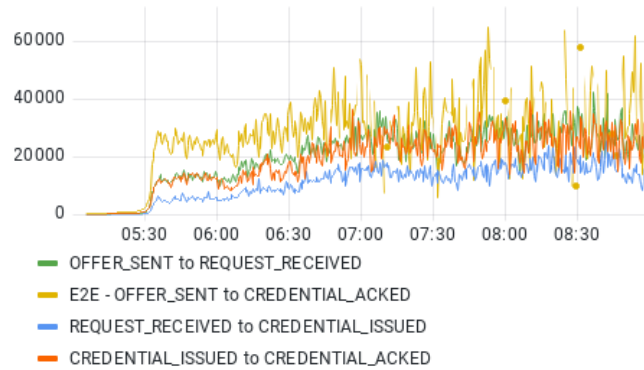
Total Number of Credential Revocation Verifications

0

Number of Pending or Failed Proof Requests

116

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: Sent · Received Presentation · Verified
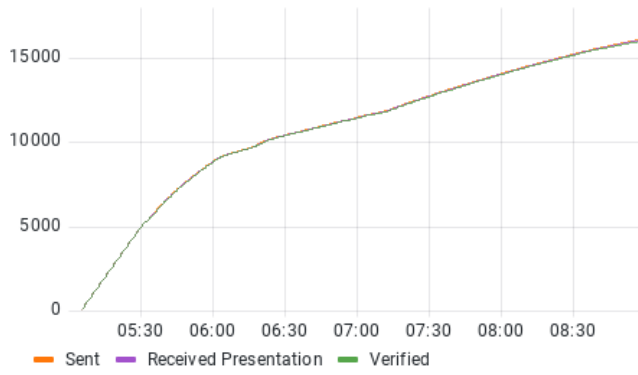
Credential Revocation Check Status
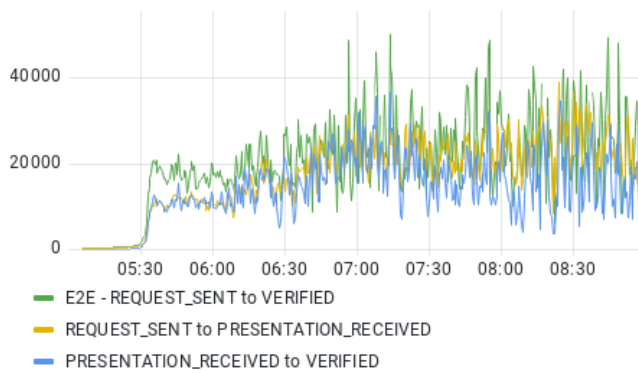
No data

Proof Request Verification Rate (per Second)

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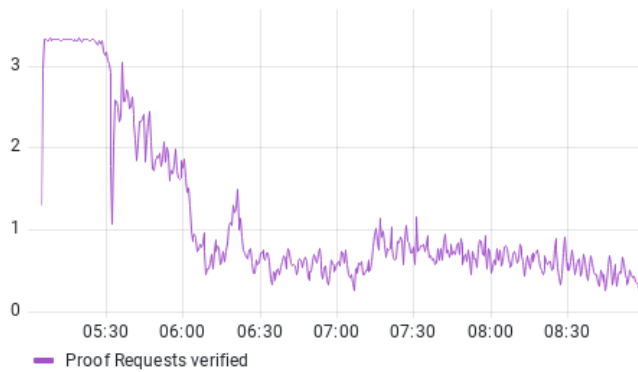
Credential Revocation Check Rate (per Second)

No data

Proof Request Protocol Transition Times (per minute in Milliseconds)

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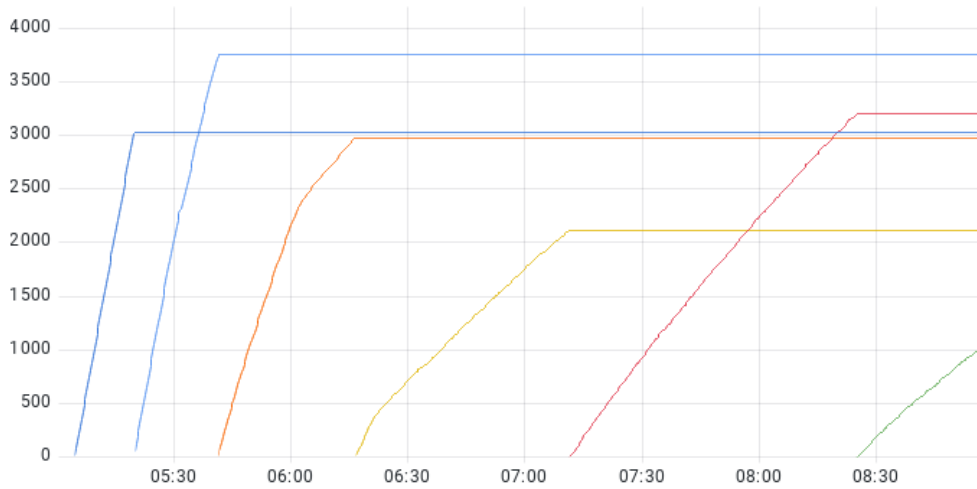- REQUEST_SENT to PRESENTATION_RECEIVED
- PRESENTATION_RECEIVED to VERIFIED

Credential Revocation Checks - Proof Request Protocol Transition T…

No data

Revocation Registry Usage

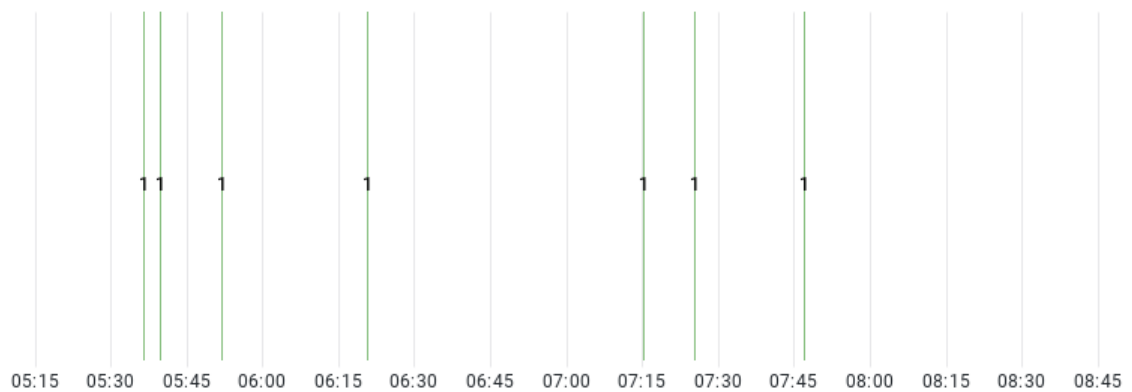## Verify RevReg/Index Combina...

5

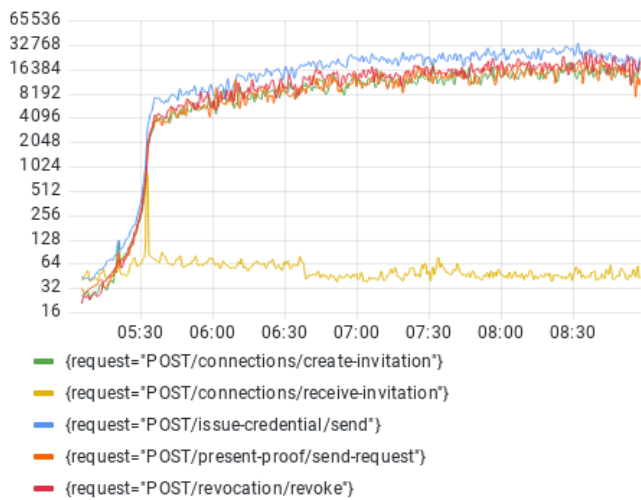## Average Duration to publish "Credential Revocations" (per Minute in Milliseconds)

No data
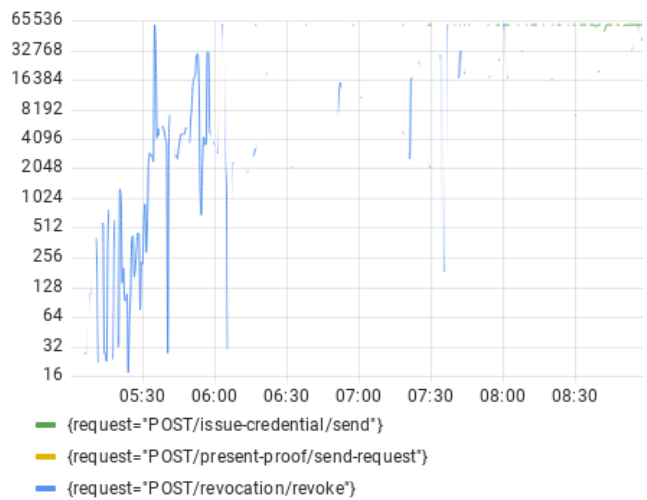
Number of "Publish Revocation" started (per 5 seconds)

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/present-proof/send-request"}
- {request="POST/revocation/revoke"}

Total Number of Failed HTTP Requests

236

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	6

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

05:30 06:00 06:30 07:00 07:30 08:00 08:30
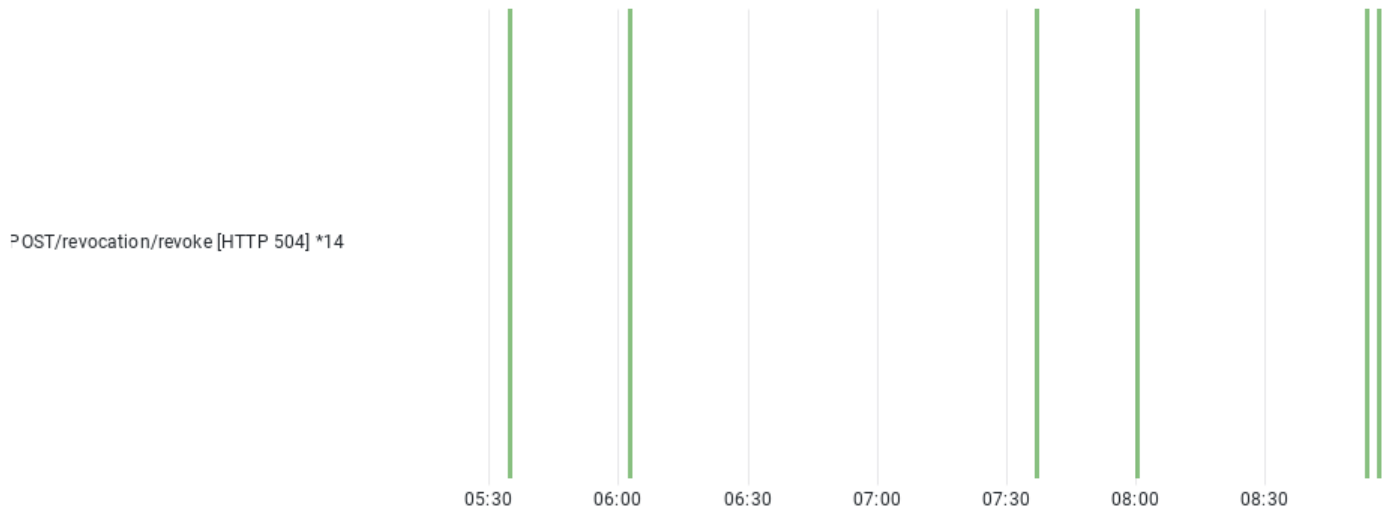
Error Messages

- *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

3887

IV: Issue Credential

0

IV: Issue Credential

0

IV: Issue Credential

3771

IV: Issue Credential

0

IV: Request Proof

0

Error DB: Too many clients already.
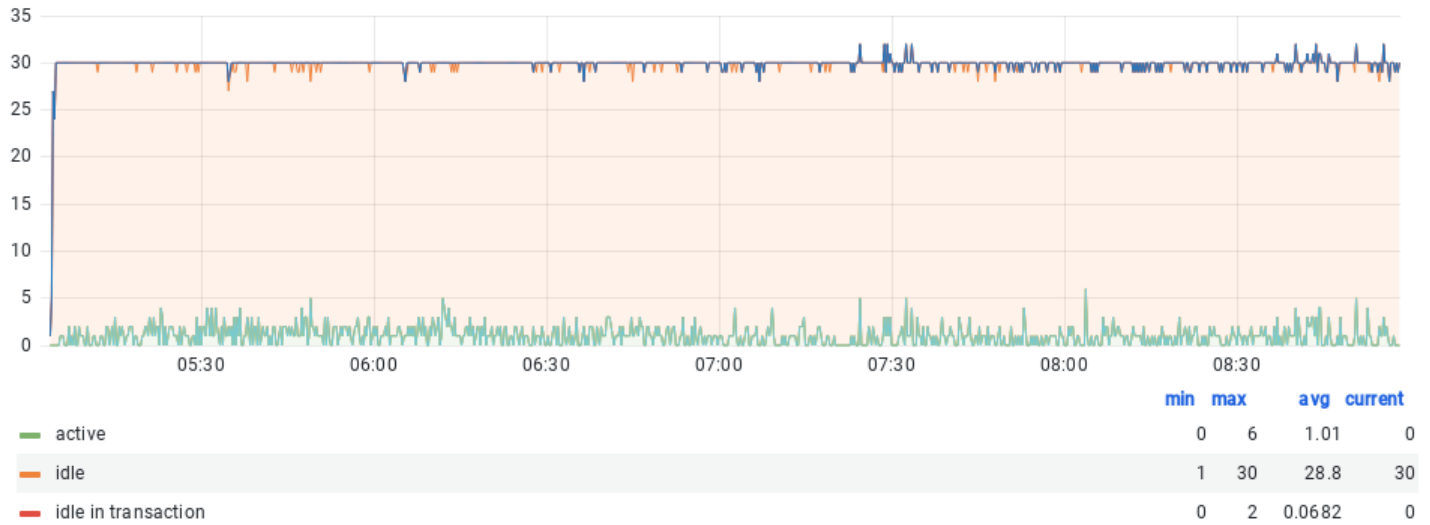
0

Error DB: Statement timed out.

0

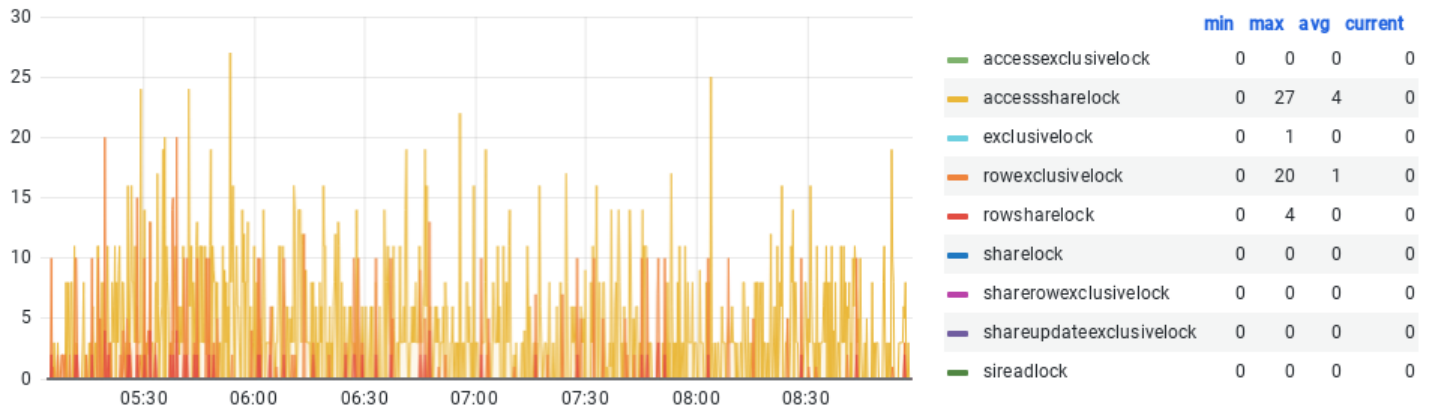**Error DB: Pool timed out while waiting for a...**

0

Errors Reported through Events (per Minute)

AcaPyPublisher.handleCredential: issuance-abandoned

05:30   06:00   06:30   07:00   07:30   08:00   08:30

Number of Errors Caught by Test Runner

0

Connections

	min	max	avg	current
active	0	6	1.01	0
idle	1	30	28.8	30
idle in transaction	0	2	0.0682	0

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	27	4	0
exclusivelock	0	1	0	0
rowexclusivelock	0	20	1	0
rowsharelock	0	4	0	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
sireadlock	0	0	0	0

Size (in MB)

{}
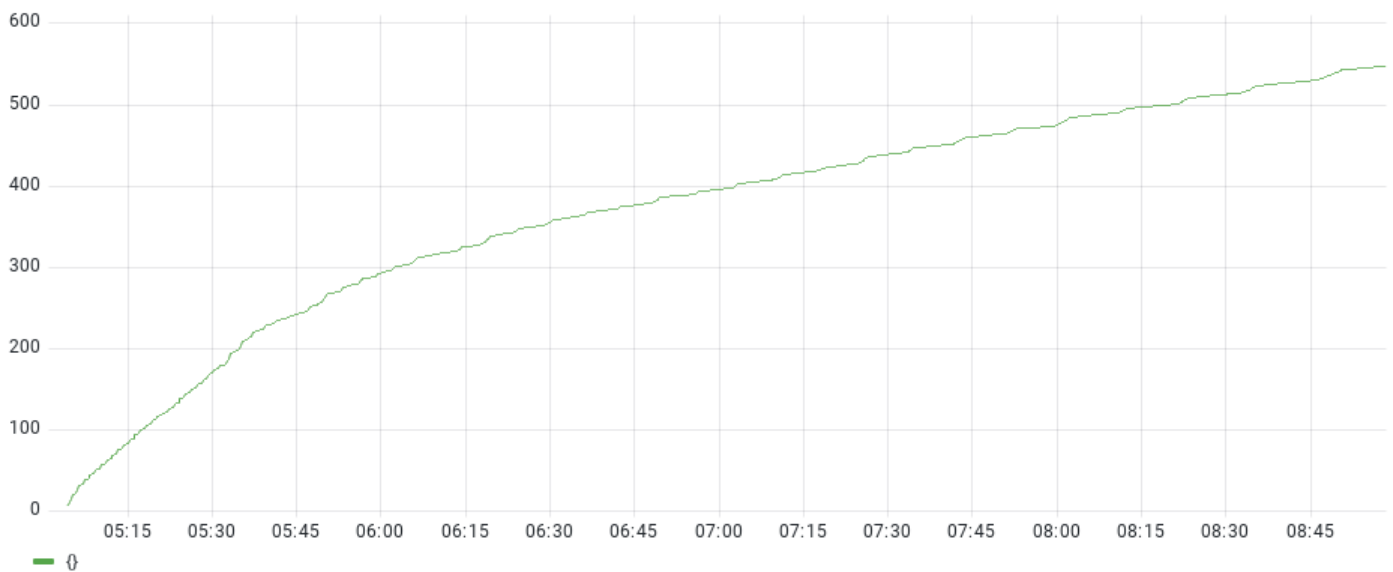
CPU Usage Issuer/Verifier Agents
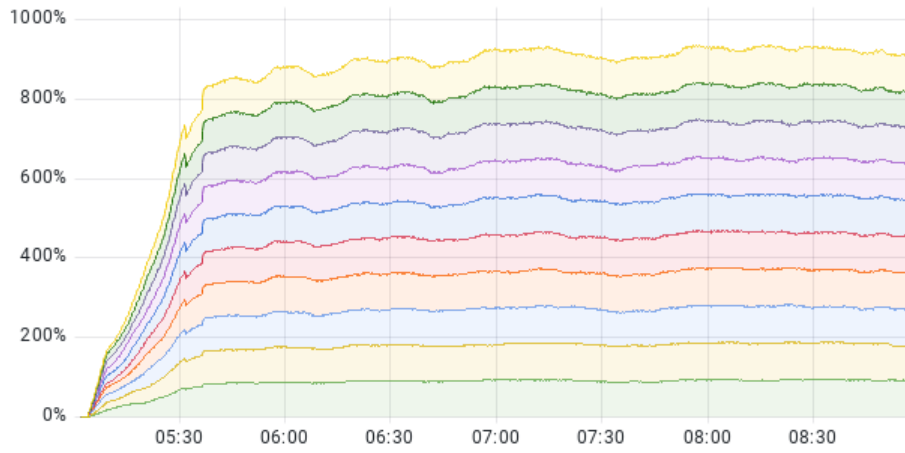
	Mean	Max
agents_issuer-verifier-acapy_1	83.5%	94.3%
agents_issuer-verifier-acapy_10	83.3%	94.2%
agents_issuer-verifier-acapy_2	82.9%	94.2%
agents_issuer-verifier-acapy_3	83.5%	94.2%
agents_issuer-verifier-acapy_4	82.8%	94.3%
agents_issuer-verifier-acapy_5	83.3%	94.5%
agents_issuer-verifier-acapy_6	82.8%	94.3%
agents_issuer-verifier-acapy_7	83.1%	94.3%
agents_issuer-verifier-acapy_8	83.7%	94.3%
agents_issuer-verifier-acapy_9	82.9%	94.3%

Memory Usage Issuer/Verifier Agents
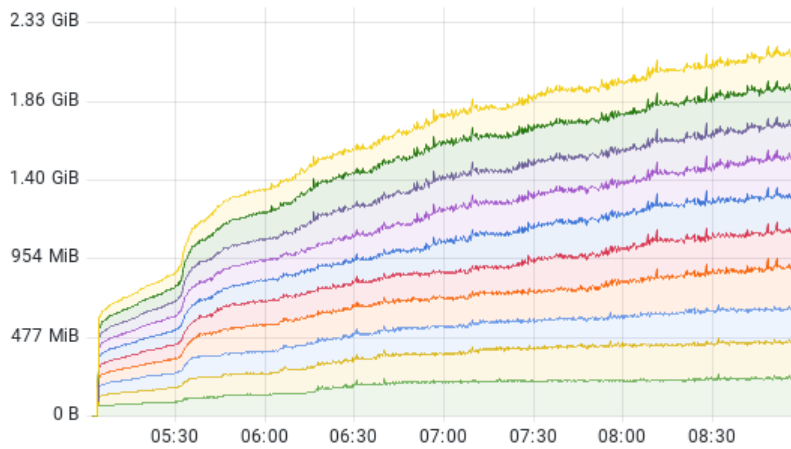
|	Mean	Last *	Max
agents_issuer-verifier-acapy_1	179 MiB	227 MiB	253 MiB
agents_issuer-verifier-acapy_10	168 MiB	217 MiB	244 MiB
agents_issuer-verifier-acapy_2	154 MiB	196 MiB	215 MiB
agents_issuer-verifier-acapy_3	173 MiB	247 MiB	312 MiB
agents_issuer-verifier-acapy_4	163 MiB	221 MiB	254 MiB
agents_issuer-verifier-acapy_5	165 MiB	210 MiB	227 MiB
agents_issuer-verifier-acapy_6	162 MiB	246 MiB	264 MiB
agents_issuer-verifier-acapy_7	167 MiB	201 MiB	216 MiB
agents_issuer-verifier-acapy_8	187 MiB	220 MiB	241 MiB
agents_issuer-verifier-acapy_9	159 MiB	217 MiB	238 MiB

CPU Usage Issuer/Verifier Wallet DB

	Mean	Max
issuer-verifier-wallet-db	96.2%	142%

Memory Usage Issuer/Verifier Wallet DB

	Mean	Last *	Max
— issuer-verifier-wallet-db	69.9 MiB	70.4 MiB	74.4 MiB

CPU Usage Holder Agents
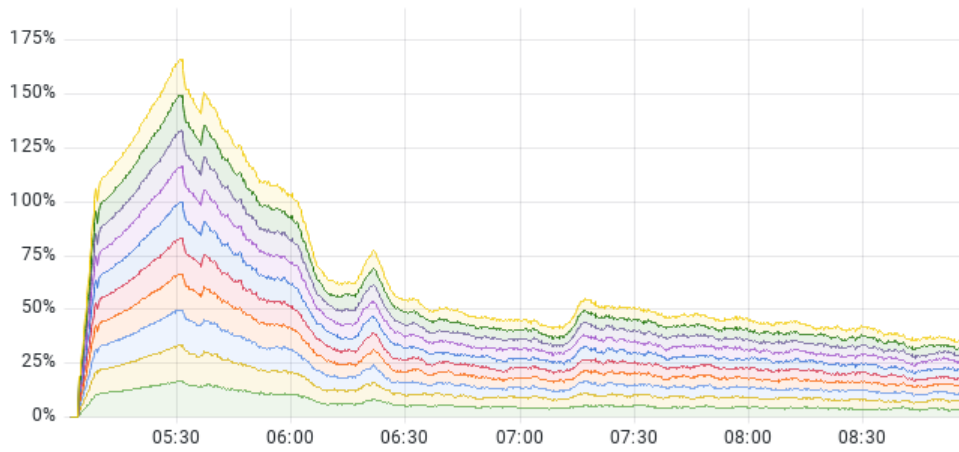
	Mean	Max
— agents_holder-acapy_1	6.70%	16.7%
— agents_holder-acapy_10	6.70%	16.7%
— agents_holder-acapy_2	6.71%	16.6%
— agents_holder-acapy_3	6.66%	16.8%
— agents_holder-acapy_4	6.70%	16.6%
— agents_holder-acapy_5	6.72%	16.8%
— agents_holder-acapy_6	6.71%	16.7%
— agents_holder-acapy_7	6.67%	16.7%
— agents_holder-acapy_8	6.69%	16.7%
— agents_holder-acapy_9	6.71%	16.8%

Memory Usage Holder Agents
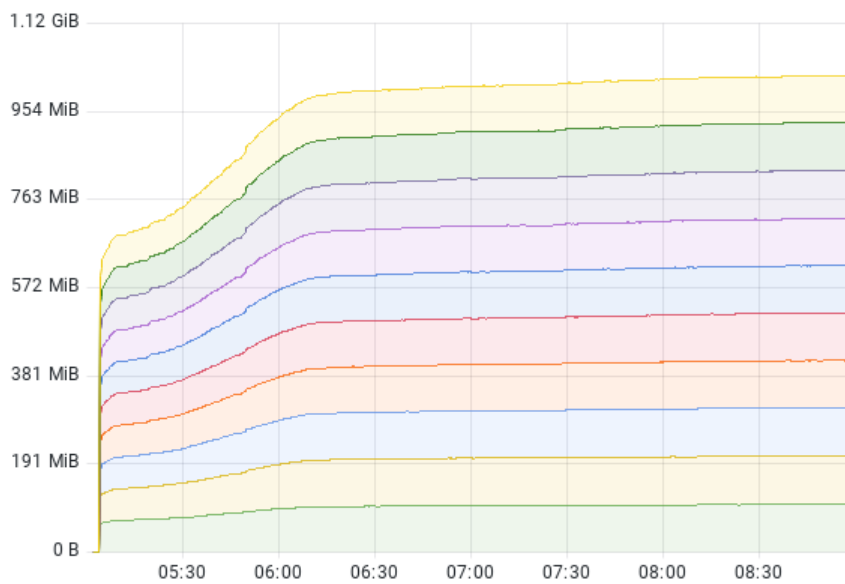
	Mean	Last *	Max
— agents_holder-acapy_1	95.2 MiB	103 MiB	103 MiB
— agents_holder-acapy_10	97.0 MiB	105 MiB	105 MiB
— agents_holder-acapy_2	96.5 MiB	104 MiB	104 MiB
— agents_holder-acapy_3	95.2 MiB	103 MiB	103 MiB
— agents_holder-acapy_4	94.6 MiB	102 MiB	103 MiB
— agents_holder-acapy_5	95.3 MiB	103 MiB	103 MiB
— agents_holder-acapy_6	94.1 MiB	101 MiB	102 MiB
— agents_holder-acapy_7	96.4 MiB	104 MiB	105 MiB
— agents_holder-acapy_8	95.8 MiB	104 MiB	104 MiB
— agents_holder-acapy_9	94.3 MiB	101 MiB	101 MiB

CPU Usage VON Network
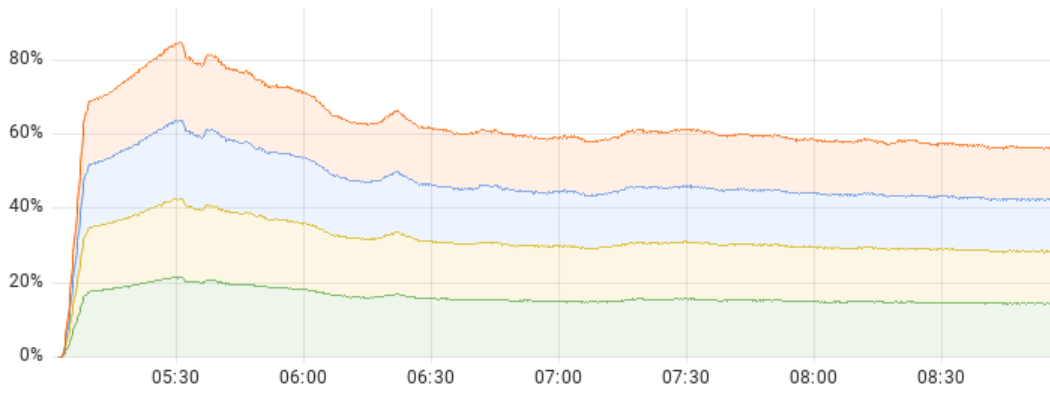
		Mean	Max
— von_node1_1		16.0%	21.5%
— von_node2_1		15.7%	21.2%
— von_node3_1		15.5%	21.1%
— von_node4_1		15.5%	20.9%

Memory Usage VON Network
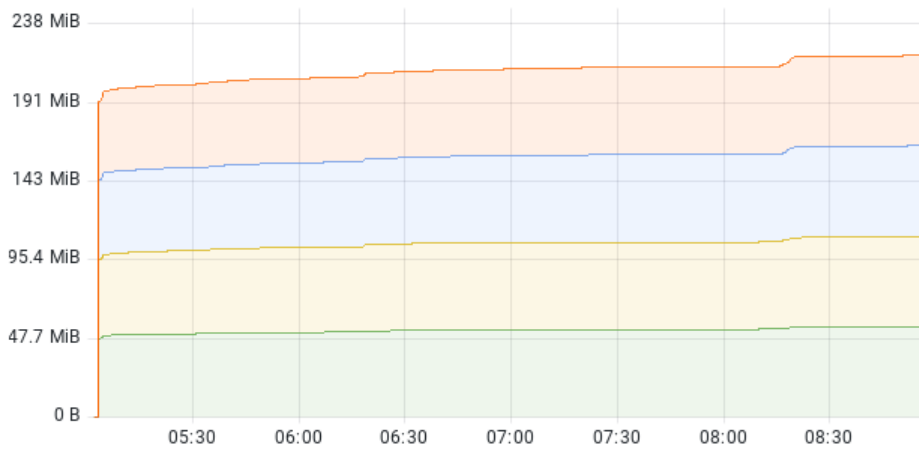
	Mean	Last *	Max
— von_node1_1	52.6 MiB	55.1 MiB	55.1 MiB
— von_node2_1	52.5 MiB	54.8 MiB	54.8 MiB
— von_node3_1	52.5 MiB	54.9 MiB	54.9 MiB
— von_node4_1	52.5 MiB	54.8 MiB	54.8 MiB

CPU Usage Tails Server
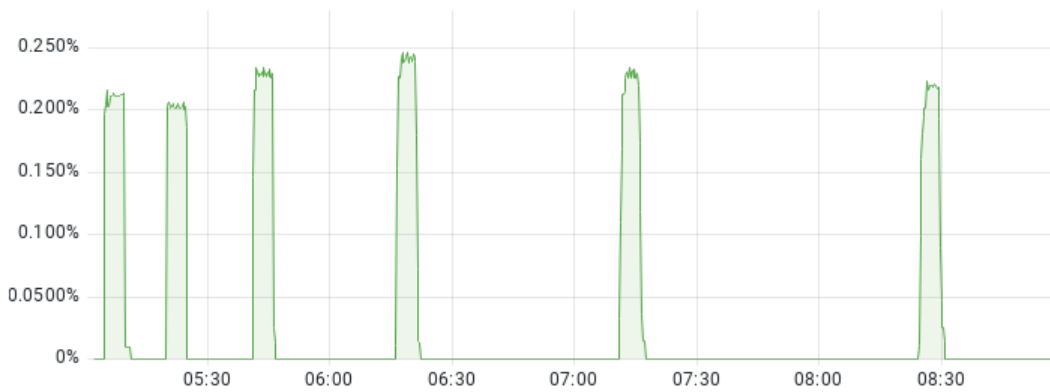
	Mean	Max
— tails-server	0.0281%	0.246%

Memory Usage Tails Server
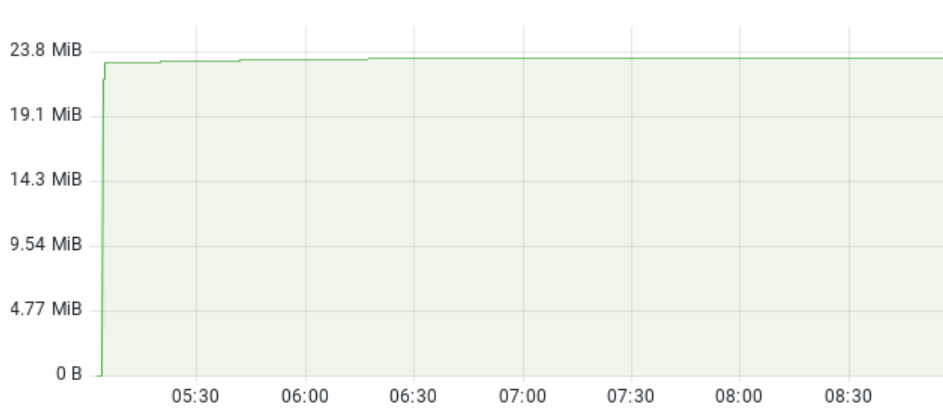
	Mean	Last *	Max
tails-server	23.3 MiB	23.4 MiB	23.4 MiB

CPU Usage Load Generator
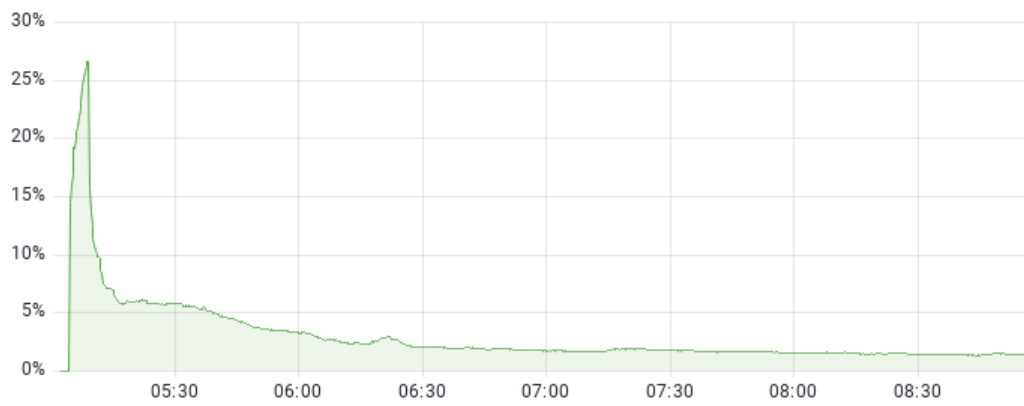
	Mean	Max
load-generator-1	3.02%	26.7%

Memory Usage Load Generator
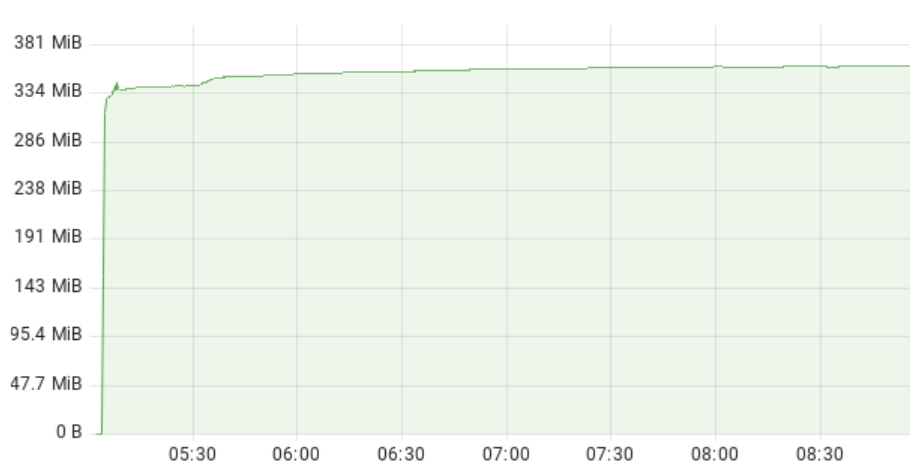
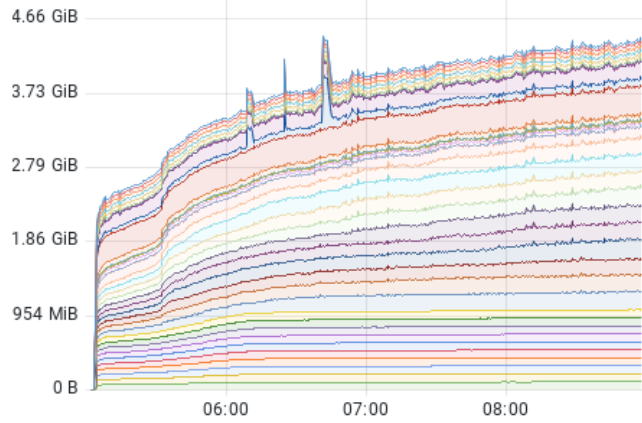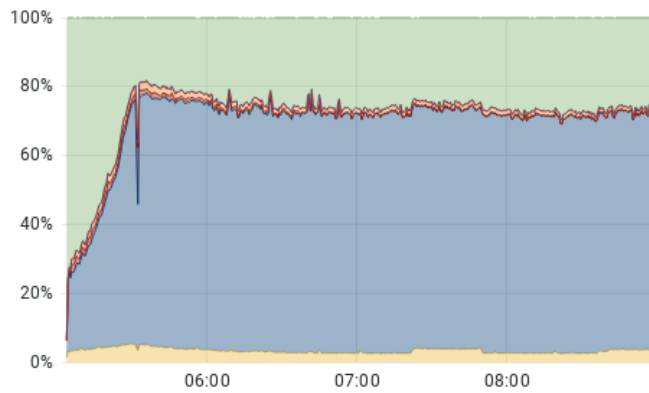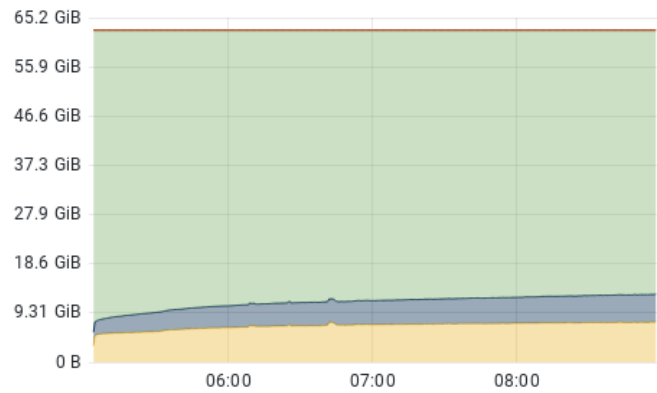|	Mean	Last *	Max
load-generator-1	355 MiB	361 MiB	361 MiB

CPU Usage of All Containers
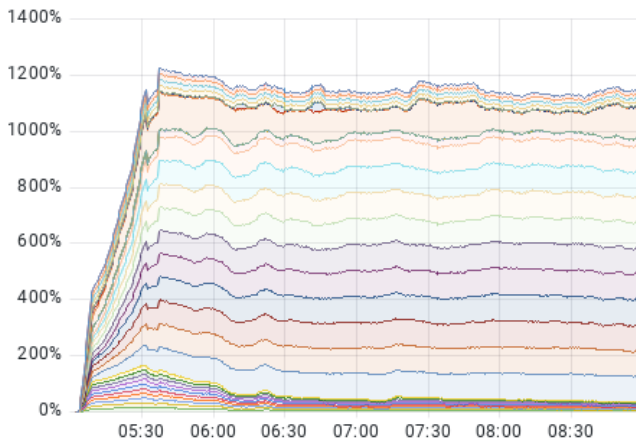
Memory Usage All Containers

Total CPU Usage of Host

Total Memory Usage of Host

| ▬ Busy System | ▬ Busy User | ▬ Busy Iowait | ▬ Busy IRQs | ▬ Busy Other |
| ▬ Idle |

| ▬ RAM Total | ▬ RAM Used | ▬ RAM Cache + Buffer | ▬ RAM Free |
| ▬ SWAP Used |

I/O Utilization
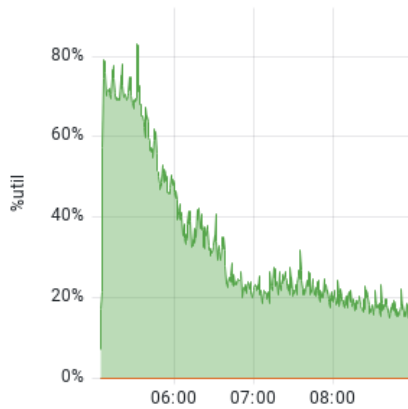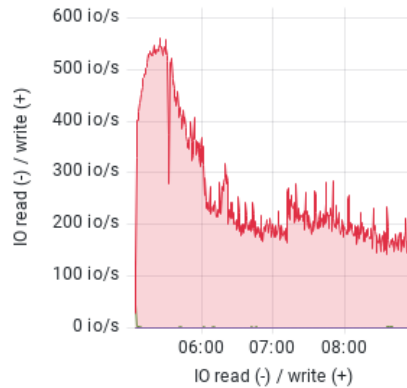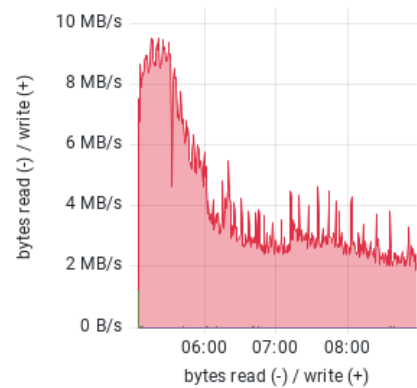
	Mean	Last *	Max	Min
▬ vda	33.4%	15.2%	83.1%	7.33%
▬ vdb	0%	0%	0%	0%
▬ vdc	0%	0%	0%	0%
▬ vdd	0%	0%	0%	0%

Disk IOps

IO read (-) / write (+)

	Mean	Last *
▬ vda - Reads completed	0.387 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	260 io/s	162 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	9.20 kB/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	4.01 MB/s	2.
▬ vdb - Successfully written bytes	0 B/s	0

13

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 t

— TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections

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