Test Results

Mon Mar 7 19:46:03 UTC 2022
to
Mon Mar 7 19:58:31 UTC 2022

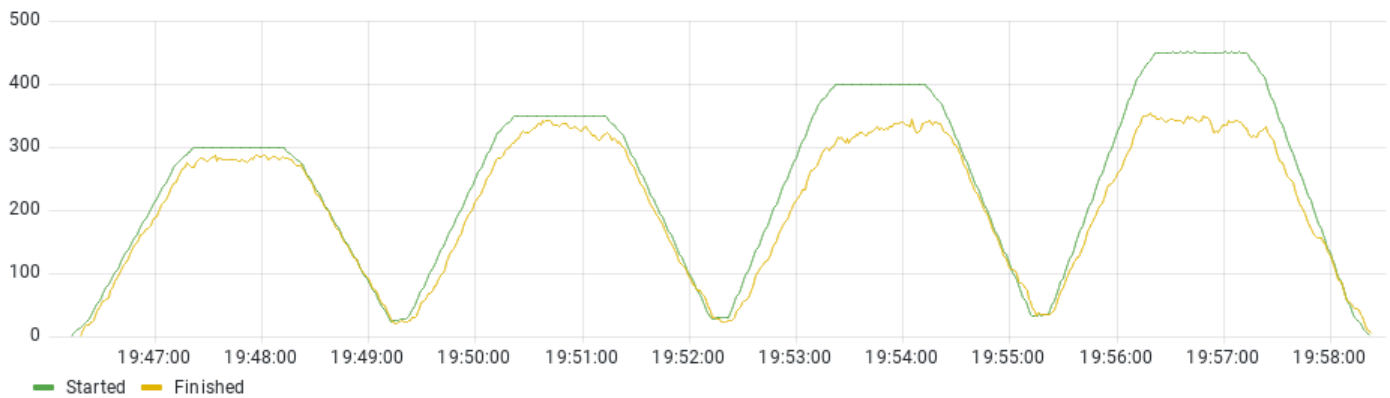| Number of Iterations Started	Number of Iterations in Progress	Number of Iterations Finished
3007	422	2585

Number of Iterations (per Minute)

Started — Finished

Total Number of Connection Invitations	Total Number Credential Offers	Total Number of Proof Requests
2987	2862	2637

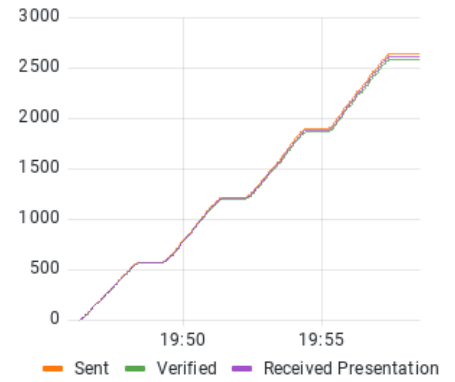| Number of Pending Connection Invitations	Number of Pending Credential Offers	Number of Pending Proof Requests
104	215	52

Connection Status

Legend: Requested, Invited, Responded, Active
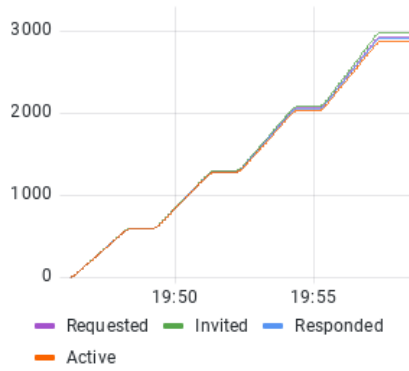
Credential Issuance Status

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

Proof Request Status

Legend: Sent, Verified, Received Presentation
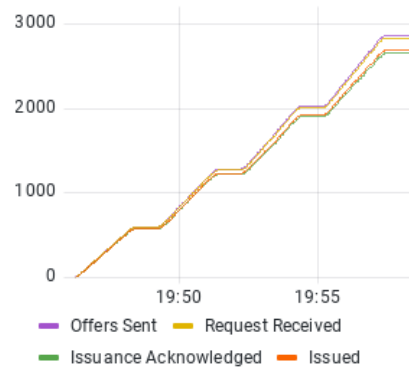
Connection Activation Rate (per Second)

Legend: Connection Activations

Credential Issuance Rate (per Second)

Legend: Credentials Issued
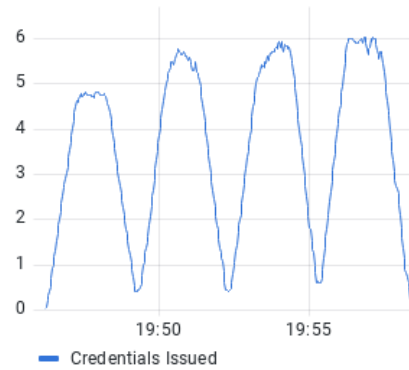
Proof Request Verification Rate (per Secon...

Legend: Proof Requests verified
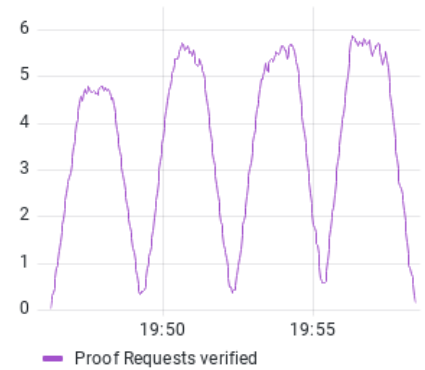
Connection Protocol Transition Times (per...

Legend: E2E - INVITATION to ACTIVE, REQUEST to RESPONSE, INVITATION to REQUEST, RESPONSE to ACTIVE
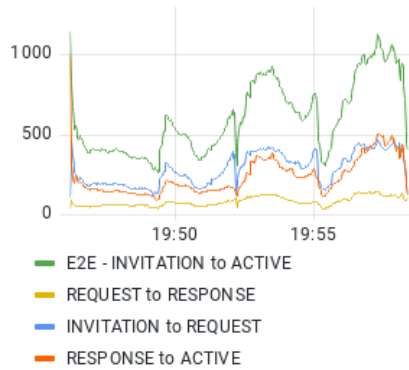
Credential Issuance Protocol Transition Ti...

Legend: OFFER_SENT to REQUEST_RECEIVED, REQUEST_RECEIVED to CREDENTIAL_ISSUED, E2E - OFFER_SENT to CREDENTIAL_ACKED, CREDENTIAL_ISSUED to CREDENTIAL_ACKED
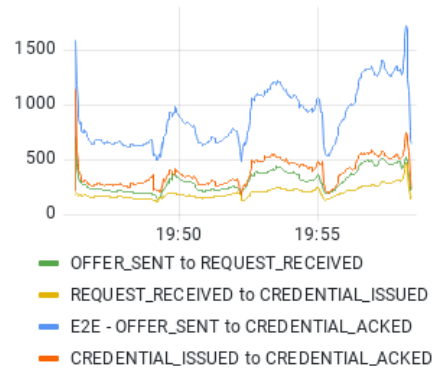
Proof Request Protocol Transition Times (...

Legend: E2E - REQUEST_SENT to VERIFIED, REQUEST_SENT to PRESENTATION_RECEIVED, PRESENTATION_RECEIVED to VERIFIED
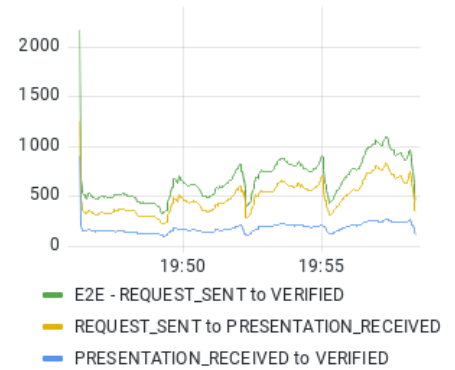
Revocation Registry Usage

Verify RevReg/Index Combina...
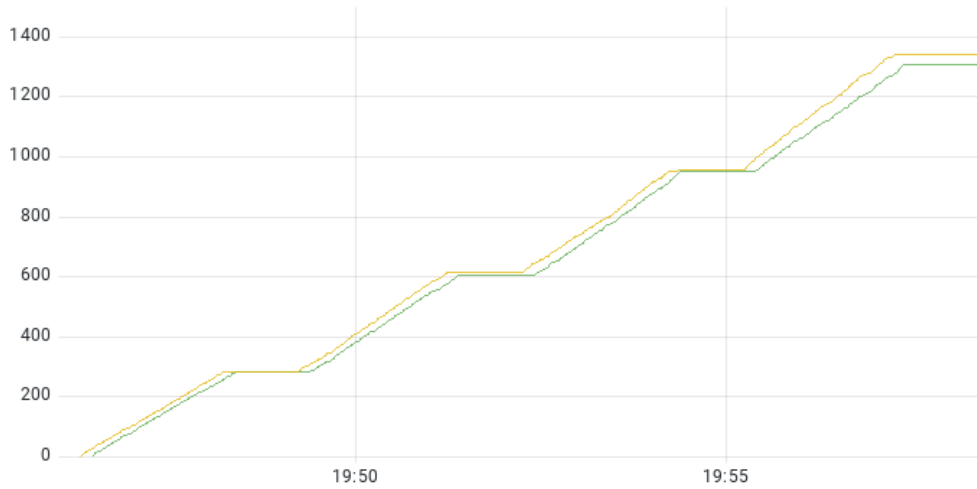
1

HTTP Response Times (per Minute in Milliseconds)

- {request="POST/connections/create-invitation"}
- {request="POST/connections/receive-invitation"}
- {request="POST/issue-credential/send"}
- {request="POST/multitenancy/wallet"}
- {request="POST/present-proof/send-request"}
- {request="POST/wallet/did/create"}
- {request="POST/wallet/did/public"}
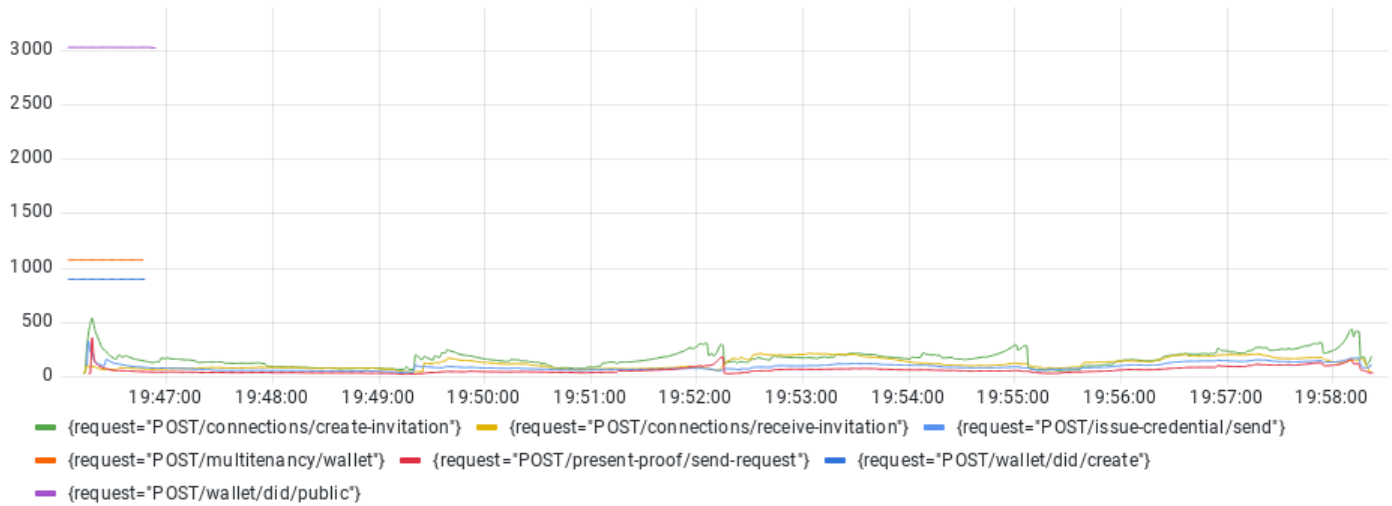
Total Number of Failed HTTP Requests

78

IV: Create Invitati...	IV: Issue Credenti...	IV: Issue Credenti...	H: Receive ...	H: Receive ...
0	0	25	0	0

Failed HTTP Requests (per Minute)

POST/issue-credential/send [HTTP 500]*2

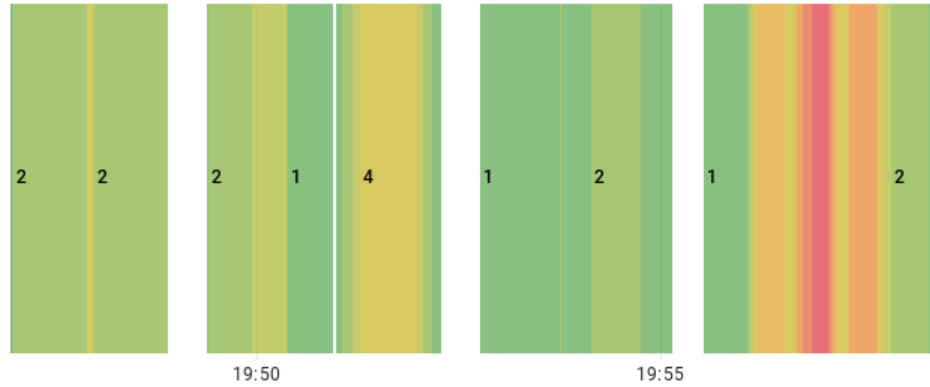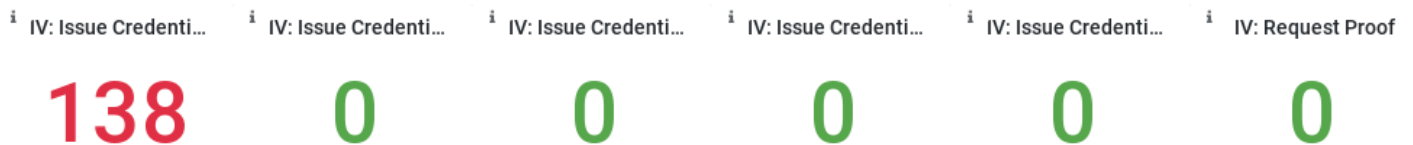|									
2	2	2	1	4	1	2	1		2

19:50   19:55

Error Messages

- *1: Error when 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

Total Number of Errors Reported through Events

172

i IV: Issue Credenti...	i IV: Issue Credenti...	i IV: Issue Credenti...	i IV: Issue Credenti...	i IV: Issue Credenti...	i IV: Request Proof
138	0	0	0	0	0

Errors Reported through Events (per Minute)

Publisher.handleCredential: Revocation registry metadata not found.

19:50   19:55
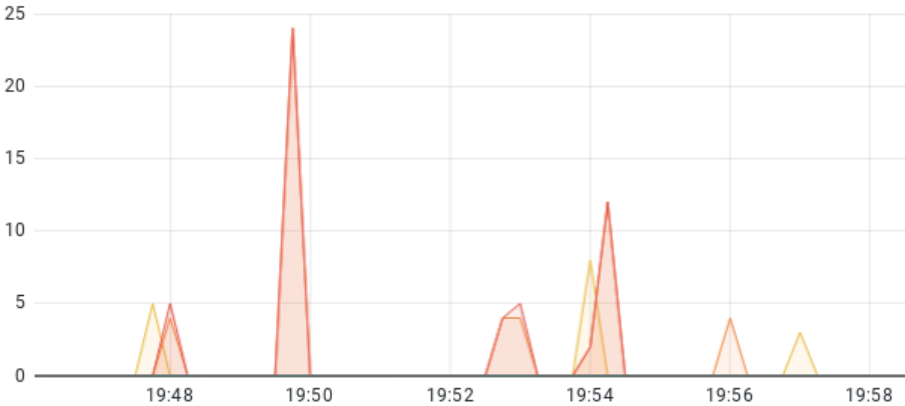
4

Number of Errors Caught by Test Runner

0

Connections
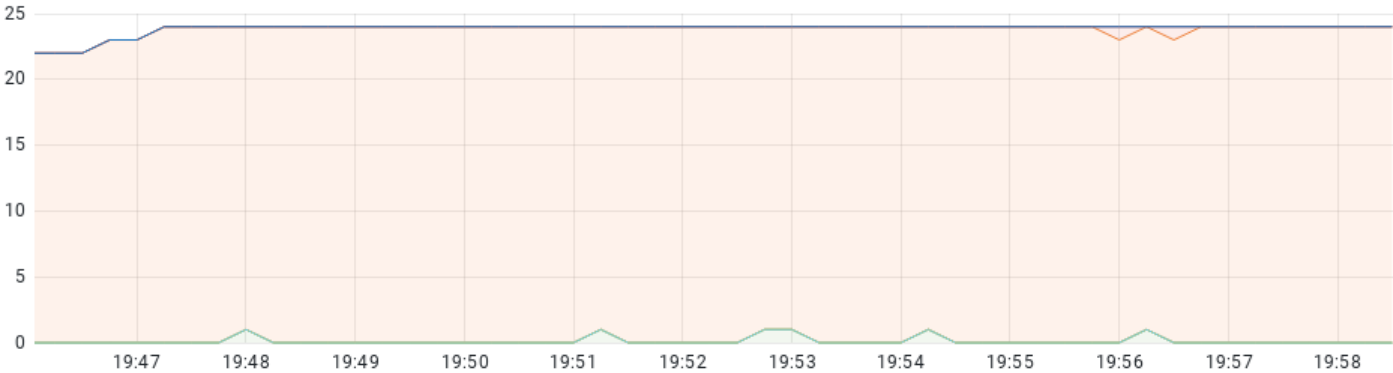
	min	max	avg	current
active	0	1	0.118	0
idle	22	24	23.7	24
idle in transaction	0	1	0.0392	0

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	8	0	0
exclusivelock	0	0	0	0
rowexclusivelock	0	24	1	0
rowsharelock	0	24	1	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	22.7%	37.7%
agents_issuer-verifier-acapy_10	24.9%	36.8%
agents_issuer-verifier-acapy_2	22.6%	36.3%
agents_issuer-verifier-acapy_3	22.1%	35.7%
agents_issuer-verifier-acapy_4	22.0%	36.5%
agents_issuer-verifier-acapy_5	21.7%	36.0%
agents_issuer-verifier-acapy_6	22.0%	37.2%
agents_issuer-verifier-acapy_7	22.1%	36.4%
agents_issuer-verifier-acapy_8	23.5%	35.8%
agents_issuer-verifier-acapy_9	22.1%	36.9%

Memory Usage Issuer/Verifier Agents

	Mean	Last *	Max
agents_issuer-verifier-acapy_1	88.8 MiB	97.4 MiB	97.4 MiB
agents_issuer-verifier-acapy_10	88.9 MiB	97.6 MiB	97.6 MiB
agents_issuer-verifier-acapy_2	88.3 MiB	96.8 MiB	96.8 MiB
agents_issuer-verifier-acapy_3	88.4 MiB	96.6 MiB	96.6 MiB
agents_issuer-verifier-acapy_4	88.5 MiB	96.7 MiB	96.7 MiB
agents_issuer-verifier-acapy_5	91.2 MiB	97.2 MiB	194 MiB
agents_issuer-verifier-acapy_6	88.3 MiB	97.3 MiB	97.3 MiB
agents_issuer-verifier-acapy_7	88.2 MiB	96.5 MiB	96.5 MiB
agents_issuer-verifier-acapy_8	89.7 MiB	97.7 MiB	97.7 MiB
agents_issuer-verifier-acapy_9	87.6 MiB	97.0 MiB	97.0 MiB

CPU Usage Issuer/Verifier Wallet DB

	Mean	Max
▬ issuer-verifier-wallet-db	26.3%	45.3%

Memory Usage Issuer/Verifier Wallet DB

	Mean	Last *	Max
▬ issuer-verifier-wallet-db	194 MiB	201 MiB	201 MiB

CPU Usage Holder Agents
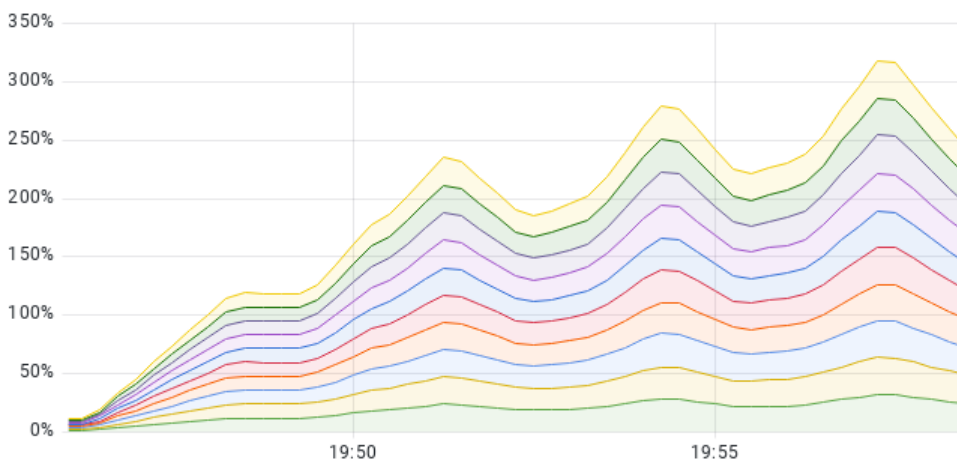
	Mean	Max
▬ agents_holder-acapy_1	18.9%	32.3%
▬ agents_holder-acapy_10	18.7%	31.6%
▬ agents_holder-acapy_2	18.9%	31.7%
▬ agents_holder-acapy_3	18.4%	30.7%
▬ agents_holder-acapy_4	18.8%	32.8%
▬ agents_holder-acapy_5	18.0%	30.0%
▬ agents_holder-acapy_6	19.2%	32.7%
▬ agents_holder-acapy_7	18.9%	32.7%
▬ agents_holder-acapy_8	18.6%	31.8%
▬ agents_holder-acapy_9	18.7%	31.7%

Memory Usage Holder Agents

	Mean	Last *	Max
agents_holder-acapy_1	97.6 MiB	110 MiB	110 MiB
agents_holder-acapy_10	96.9 MiB	111 MiB	111 MiB
agents_holder-acapy_2	96.6 MiB	109 MiB	109 MiB
agents_holder-acapy_3	97.6 MiB	111 MiB	111 MiB
agents_holder-acapy_4	99.0 MiB	115 MiB	115 MiB
agents_holder-acapy_5	97.8 MiB	115 MiB	115 MiB
agents_holder-acapy_6	97.4 MiB	112 MiB	113 MiB
agents_holder-acapy_7	99.1 MiB	117 MiB	117 MiB
agents_holder-acapy_8	98.5 MiB	112 MiB	112 MiB
agents_holder-acapy_9	97.8 MiB	111 MiB	111 MiB

CPU Usage VON Network

	Mean	Max
von_node1_1	17.6%	23.7%
von_node2_1	17.3%	23.6%
von_node3_1	17.1%	23.4%
von_node4_1	17.1%	23.3%

Memory Usage VON Network

	Mean	Last *	Max
von_node1_1	50.7 MiB	51.5 MiB	51.5 MiB
von_node2_1	50.6 MiB	51.3 MiB	51.3 MiB
von_node3_1	50.5 MiB	51.1 MiB	51.1 MiB
von_node4_1	50.8 MiB	51.4 MiB	51.4 MiB

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CPU Usage Tails Server

	Mean	Max
tails-server	0.224%	0.605%
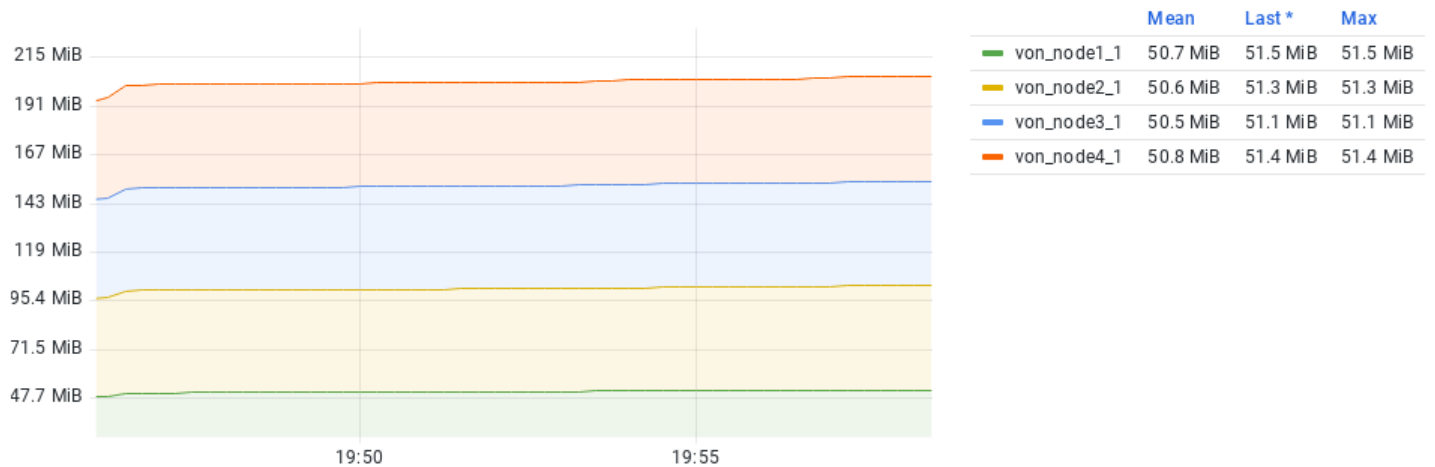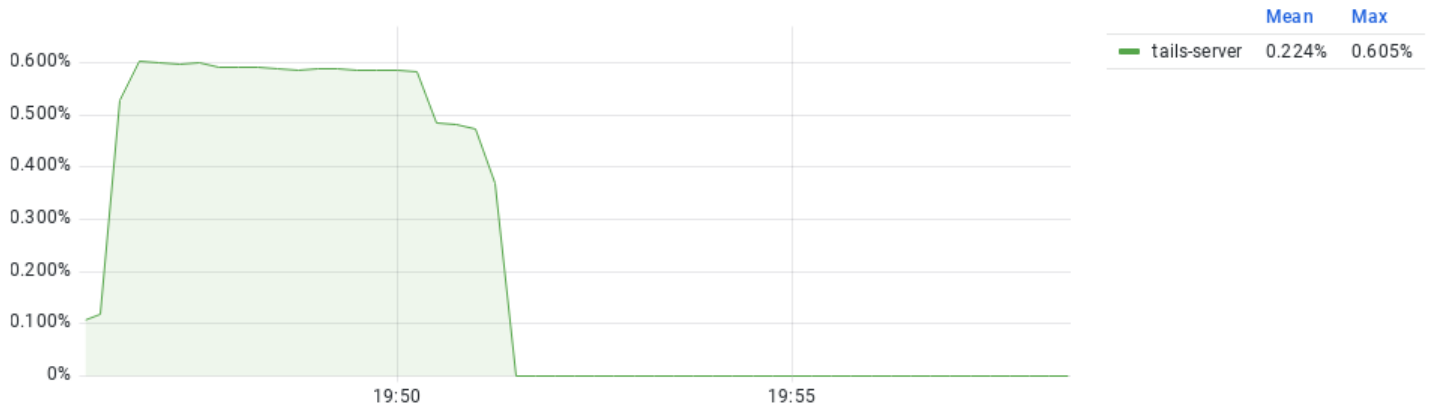
Memory Usage Tails Server

	Mean	Last *	Max
tails-server	22.8 MiB	22.9 MiB	22.9 MiB

CPU Usage Load Generator

	Mean	Max
load-generator-1	11.4%	23.0%
load-generator-2	11.5%	22.7%
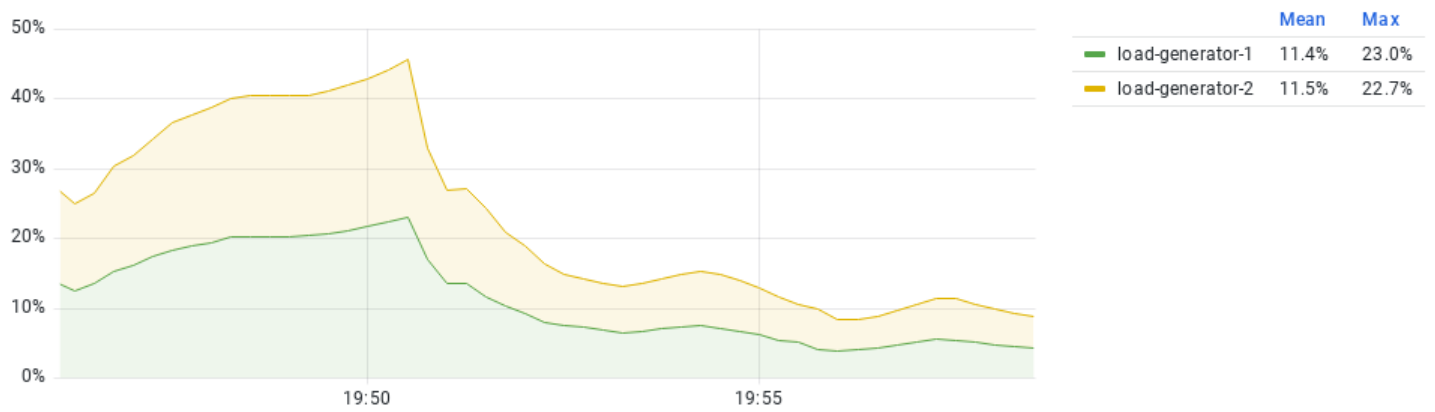
Memory Usage Load Generator
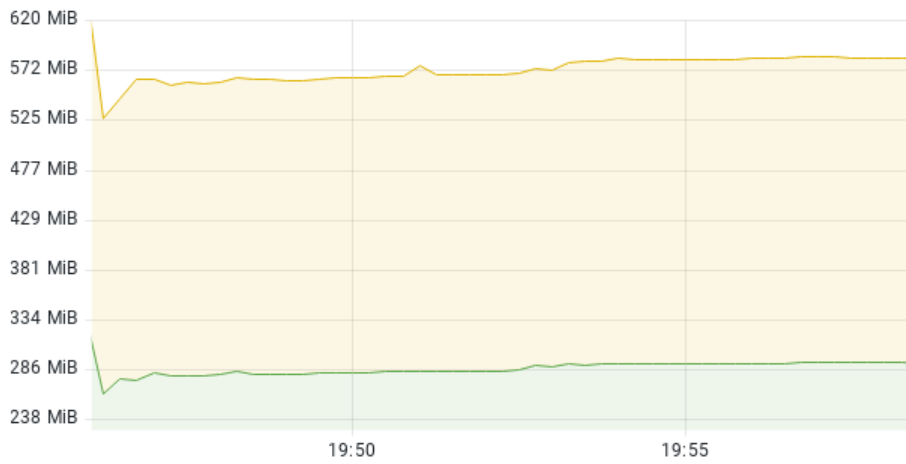
	Mean	Last *	Max
load-generator-1	288 MiB	293 MiB	334 MiB
load-generator-2	286 MiB	291 MiB	315 MiB

CPU Usage of All Containers
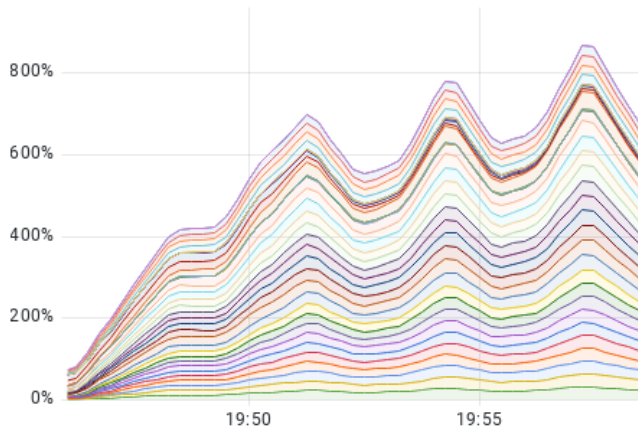
Memory Usage All Containers

Total CPU Usage of Host

Busy System — Busy User — Busy Iowait — Busy IRQs — Busy Other — Idle
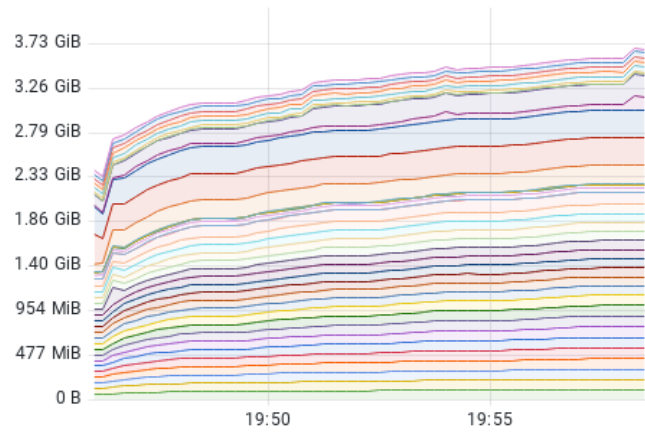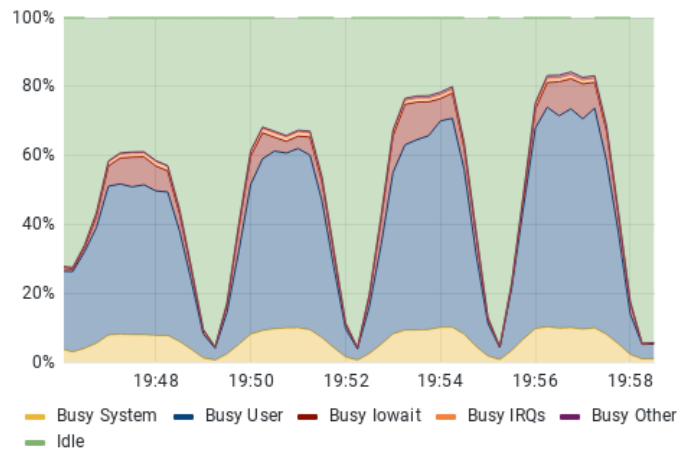
Total Memory Usage of Host

RAM Total — RAM Used — RAM Cache + Buffer — RAM Free — SWAP Used
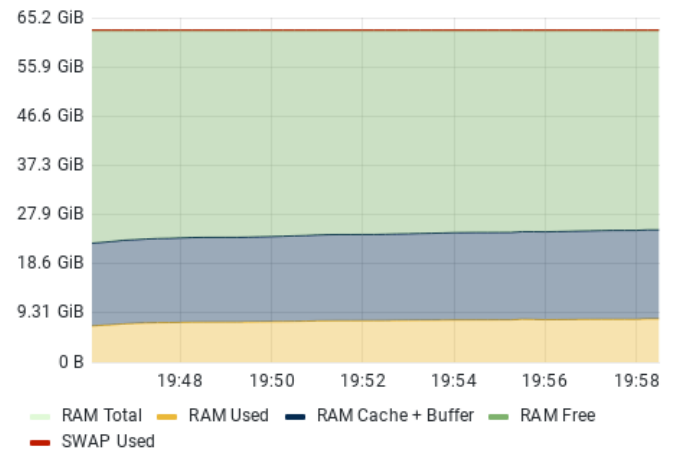
I/O Utilization
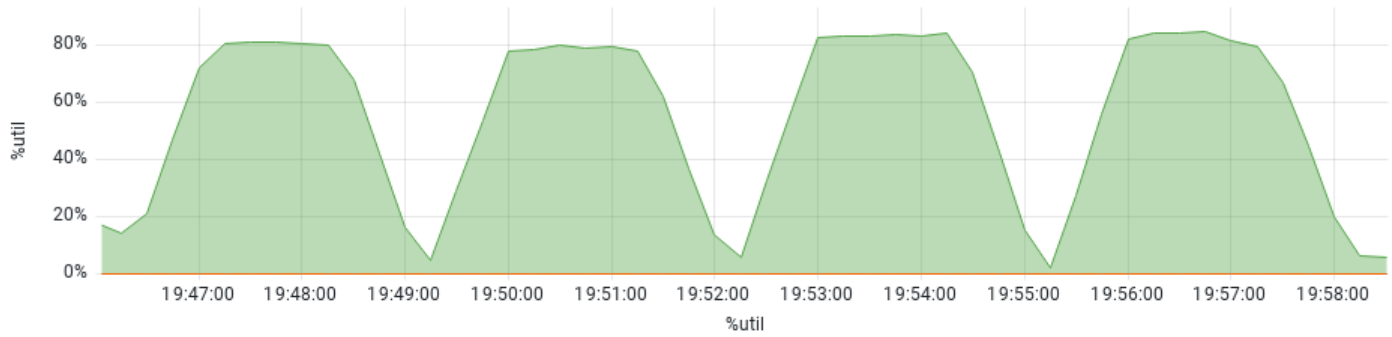
		Mean	Last *	Max	Min
—	vda	55.3%	6.02%	84.4%	2.11%
—	vdb	0%	0%	0%	0%
—	vdc	0%	0%	0%	0%
—	vdd	0%	0%	0%	0%

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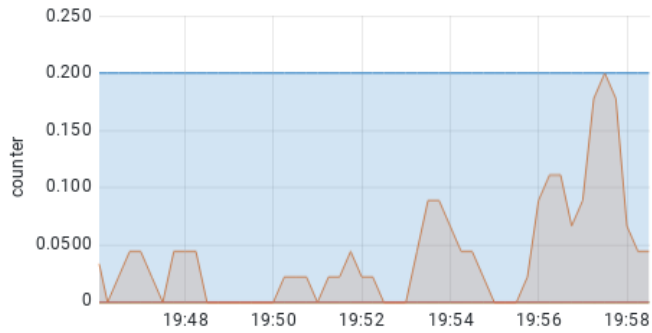
- OutRsts - Segments sent with RST flag
- RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
- InErrs - Segments received in error (e.g., bad TCP checksums)
- TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

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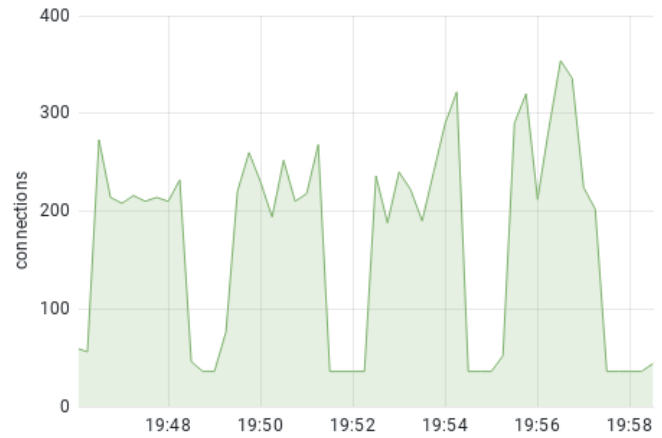
- CurrEstab - TCP connections for which the current state is either ESTABLISHED