

# Test Results

Tue Mar 22 13:59:30 UTC 2022  
to  
Tue Mar 22 14:12:04 UTC 2022

Number of Iterations Started

1776

Number of Iterations in Progress

1166

Number of Iterations Finished

610

Number of Iterations (per Minute)



Total Number of Connection Invitations

1478

Total Number Credential Offers

786

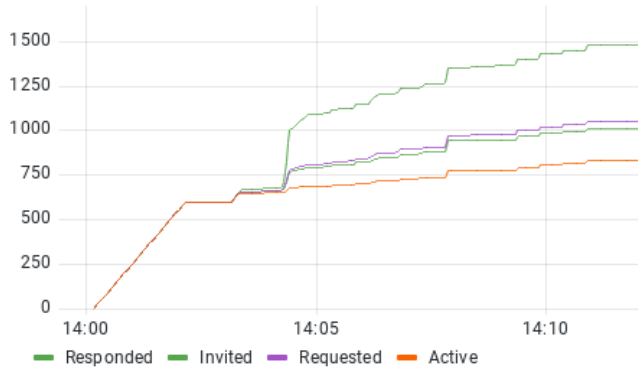
Number of Pending or Failed Connection Invitations

648

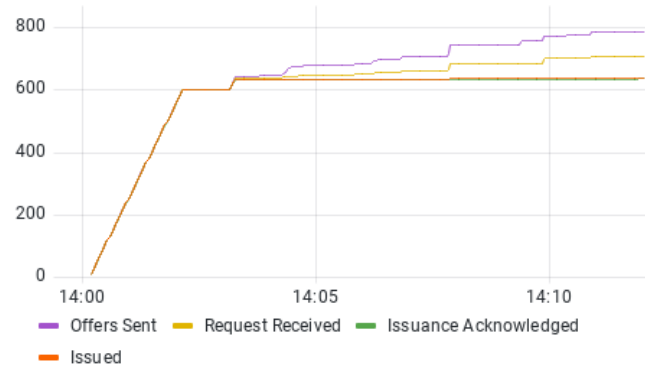
Number of Pending or Failed Credential Offers

149

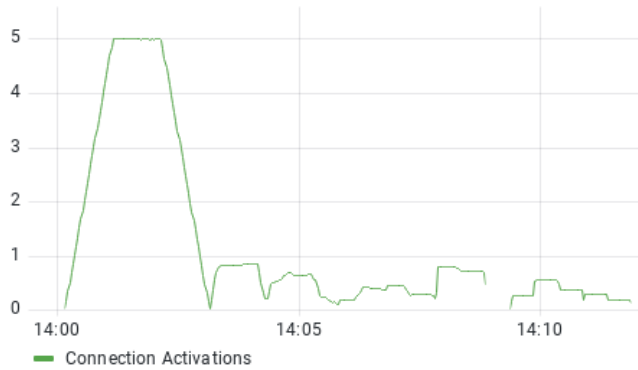
Connection Status



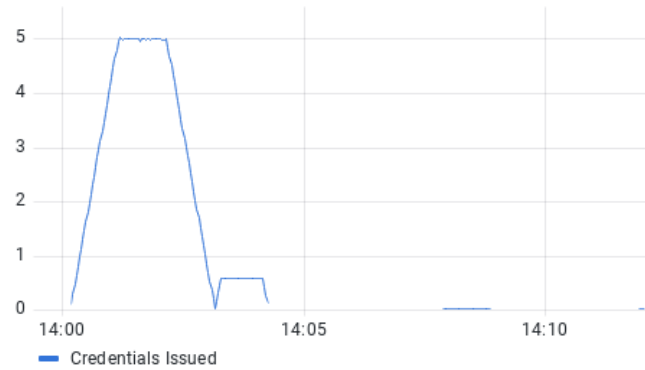
Credential Issuance Status



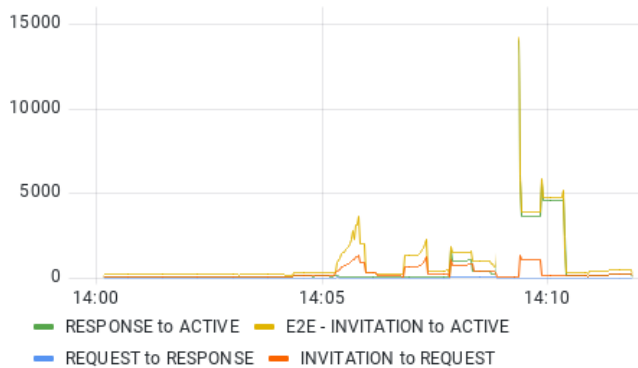
Connection Activation Rate (per Second)



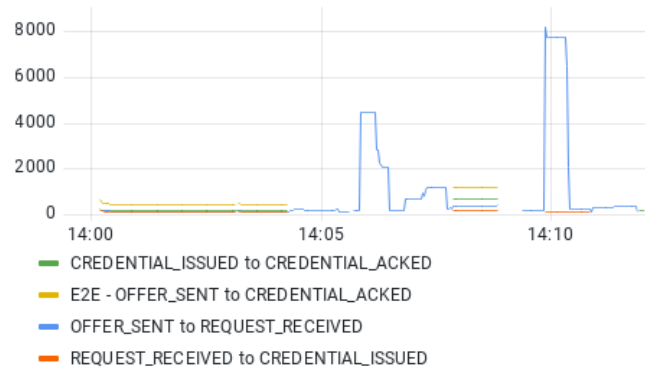
Credential Issuance Rate (per Second)



Connection Protocol Transition Times (per Minute in Milliseconds)



Credential Issuance Protocol Transition Times (per Minute in Milliseconds)



Total Number of Proof Requests

636

Number of Pending or Failed Proof Requests

2

Number of Incorrect Proof Request Results

0

Total Number of Credential Revocation Verifications

1

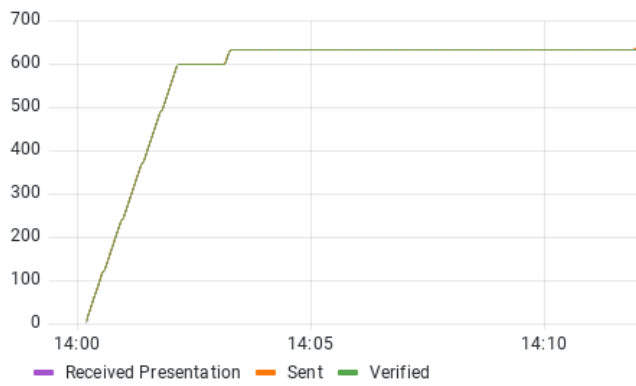
Number of Pending or Failed Credential Revocation Checks

0

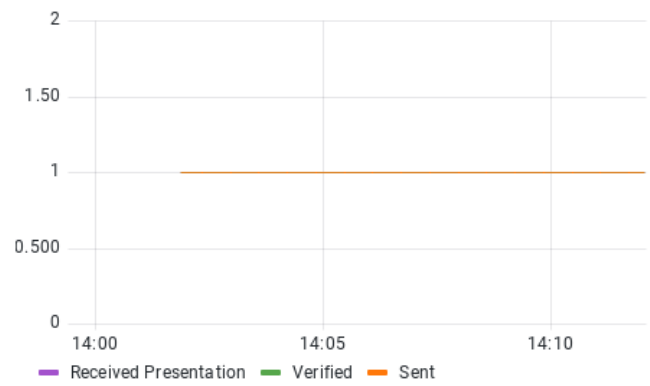
Number of Failed Credential Revocations

0

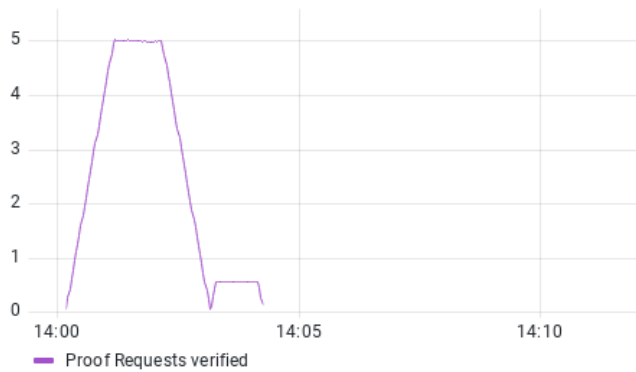
Proof Request Status



Credential Revocation Check Status



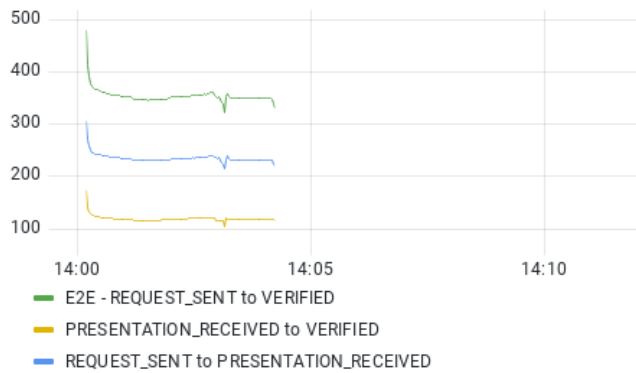
Proof Request Verification Rate (per Second)



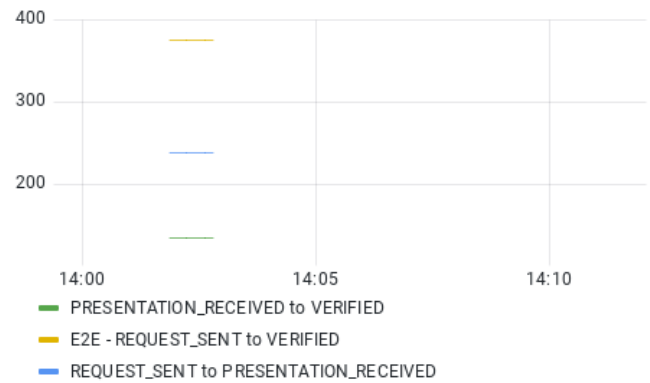
Credential Revocation Check Rate (per Second)



Proof Request Protocol Transition Times (per minute in Milliseconds)

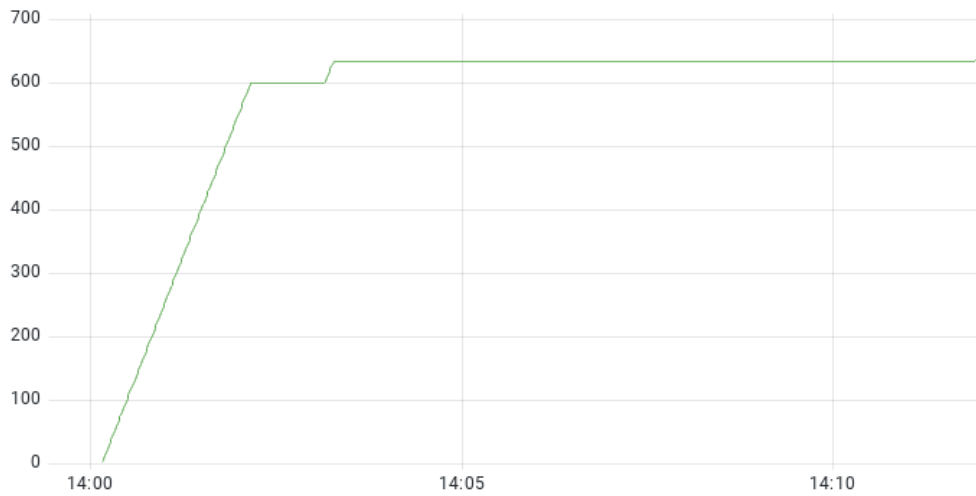


Credential Revocation Checks - Proof Request Protocol Transition T...



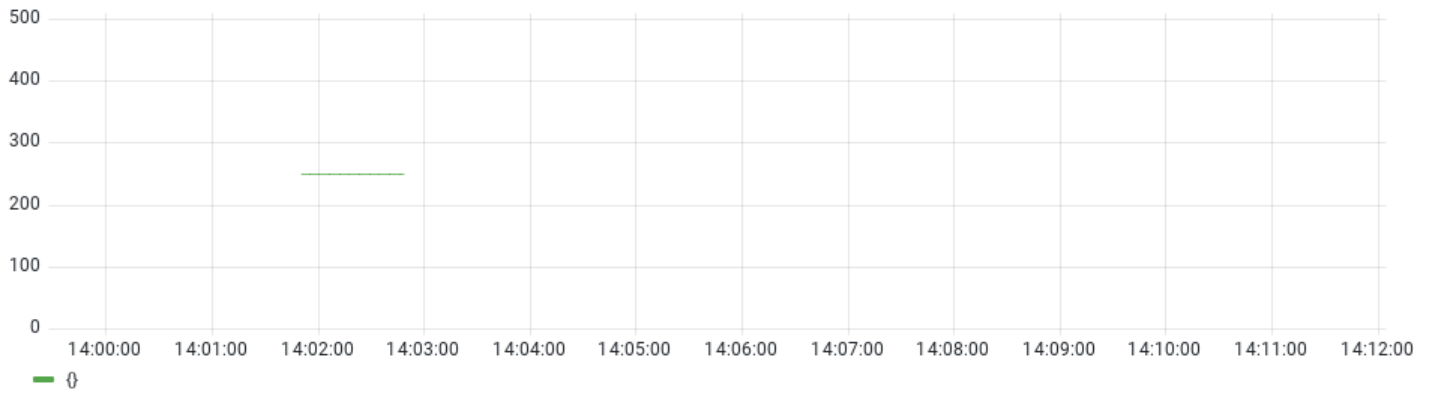
Revocation Registry Usage

<sup>i</sup> Verify RevReg/Index Combina...



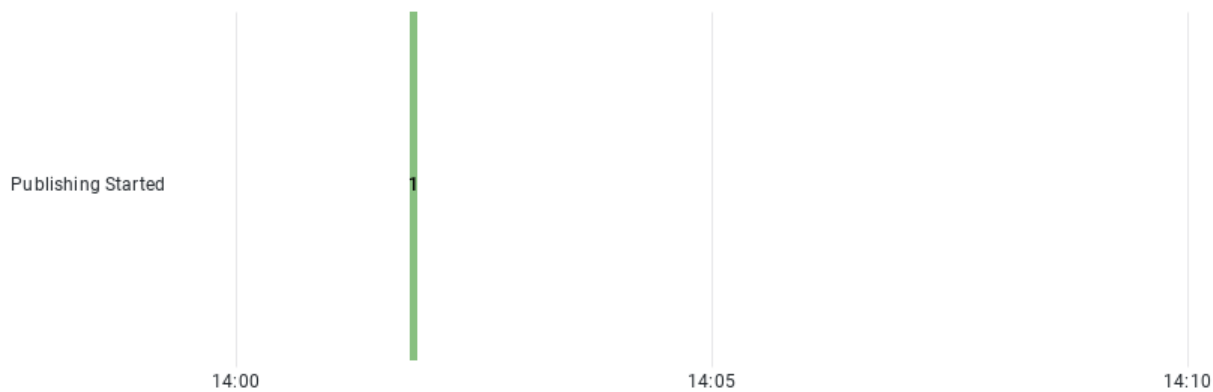
2

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

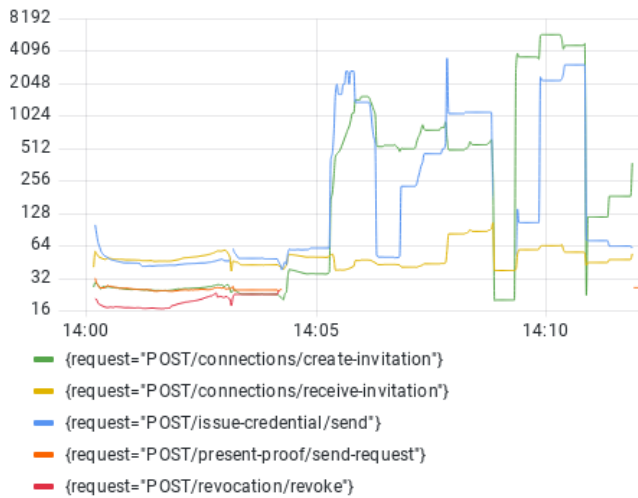


<sup>i</sup>

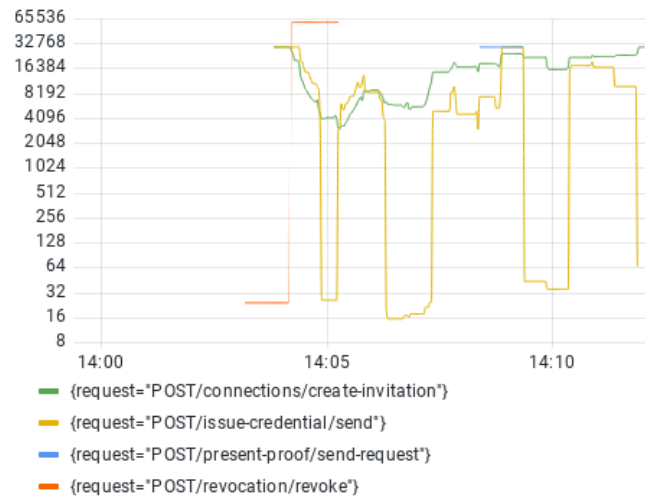
Number of "Publish Revocation" started ( per 5 seconds)



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



HTTP Response Times of Failed Requests (per Minute in Millisecon...



Total Number of Failed HTTP Requests

386

IV: Create Invitation \*1

115

IV: Issue Credential \*1

13

IV: Issue Credential \*2

21

IV: Revoke Credential \*10

0

IV: Revoke Credential \*11

0

IV: Revoke Credential \*12

0

IV: Revoke Credential \*13

0

IV: Rev Cred \*14

7

Error writing to Postgres DB \*8

0

Error reading from Postgres DB \*9

0

H: Receive Invitation \*3

0

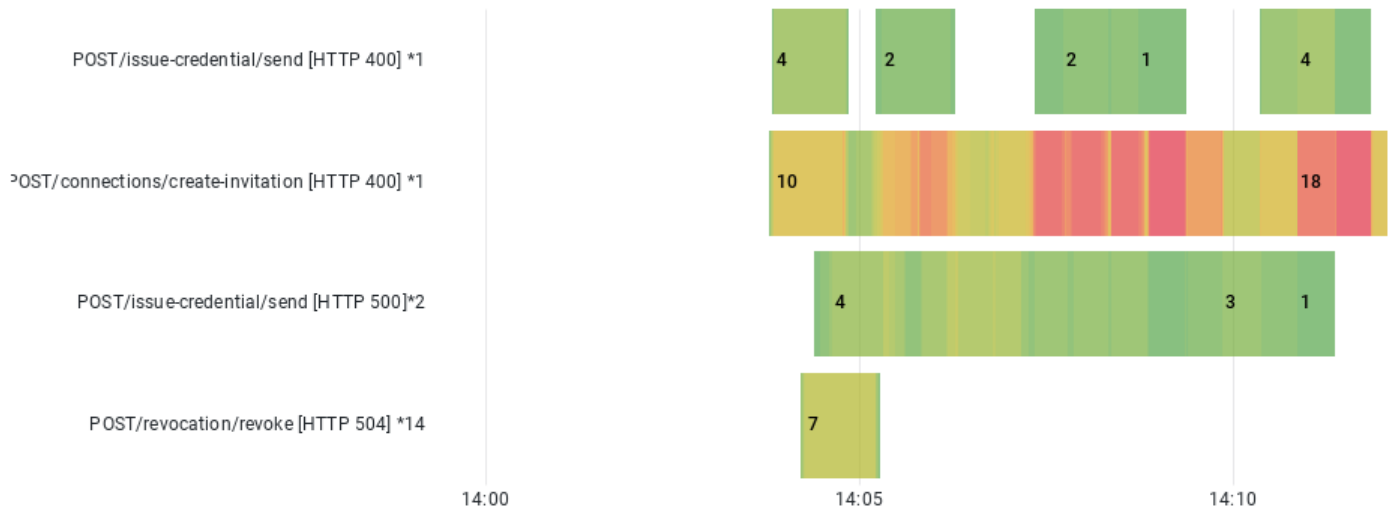
H: Receive Invitation \*4,5,6,7

0

500 Internal Server Error

37

### Failed HTTP Requests (per Minute)

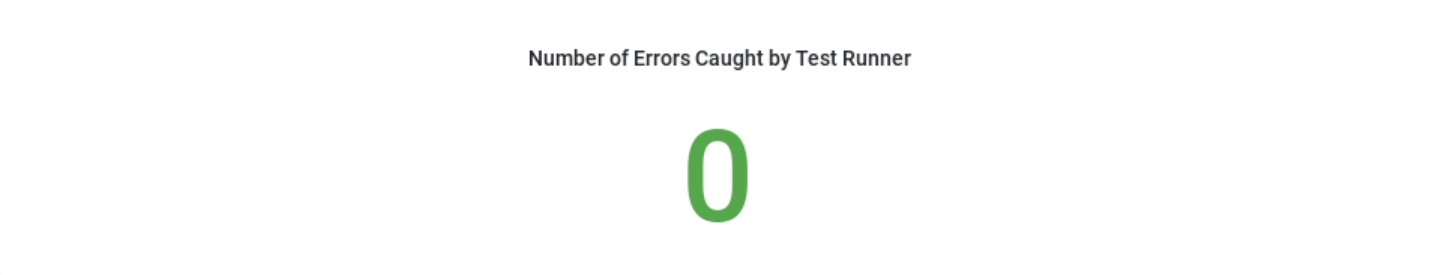
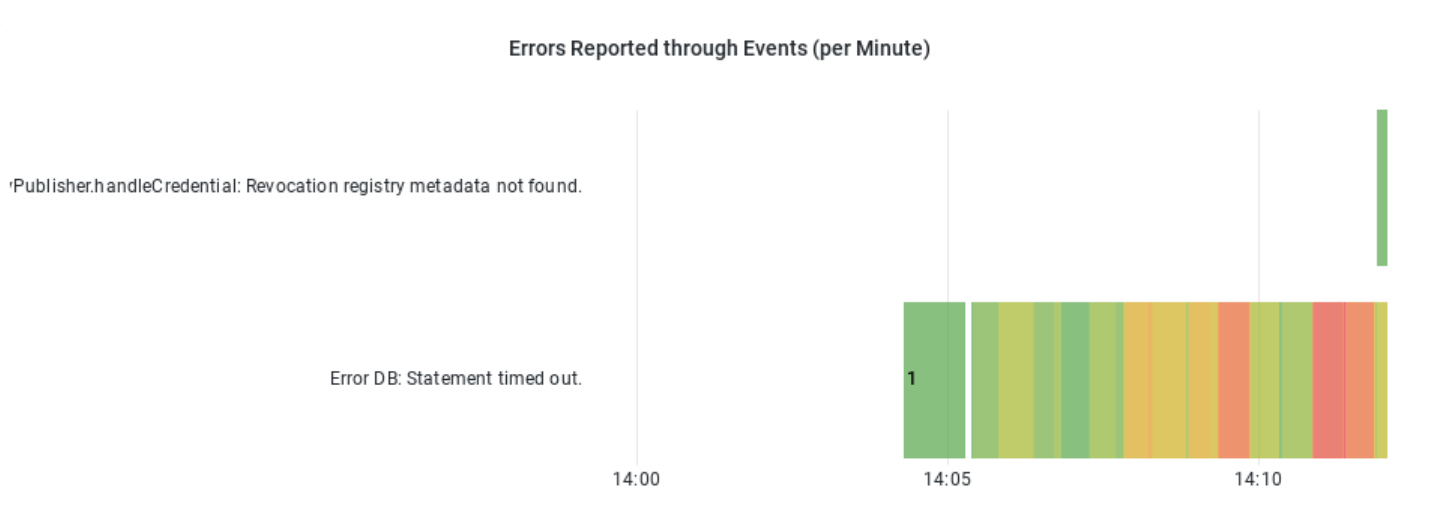
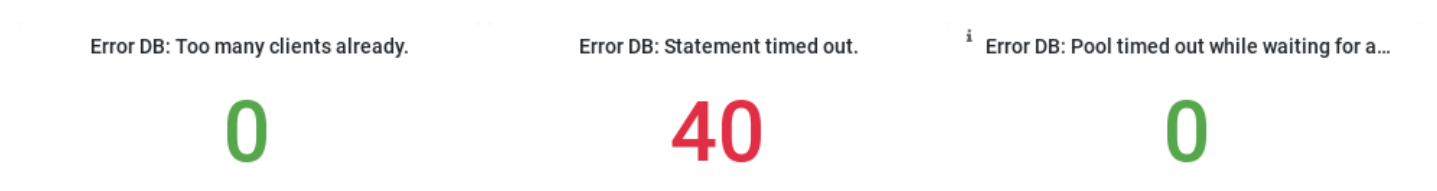
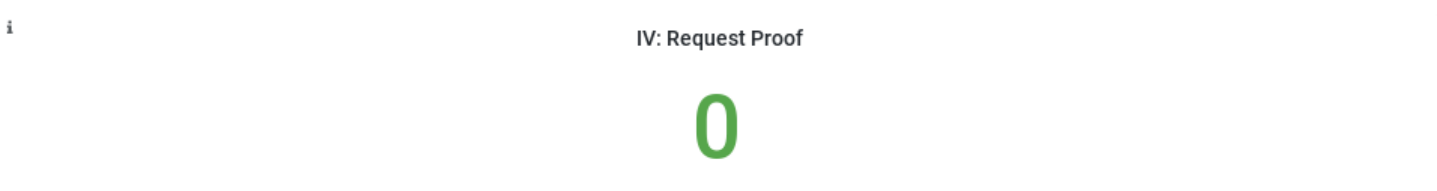
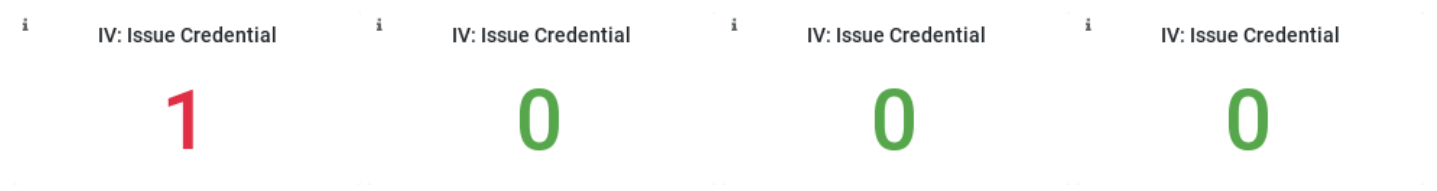


### Error Messages

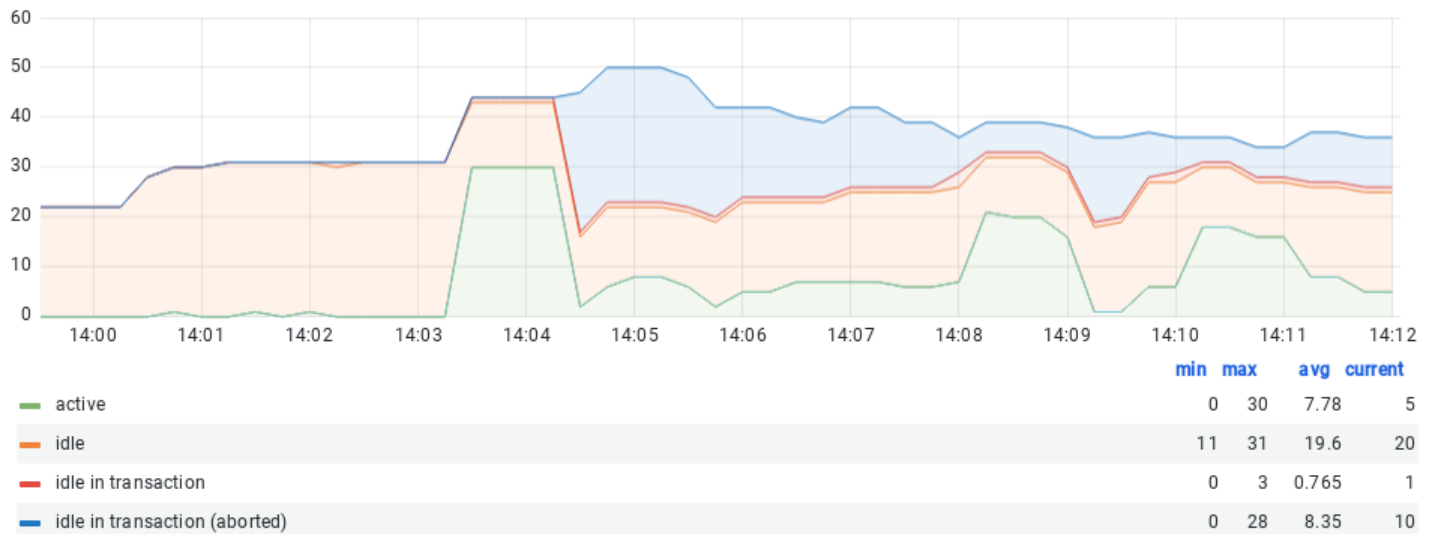
- \*1: Error when adding OR fetching storage record. Backend error. Caused by: pool timed out while waiting for an open connection.
- \*2: Internal Server Error
- \*3: recipientKeys [...] is not a raw Ed25519VerificationKey2018 key
- \*4: Error when adding storage record. Backend error. Caused by: pool 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

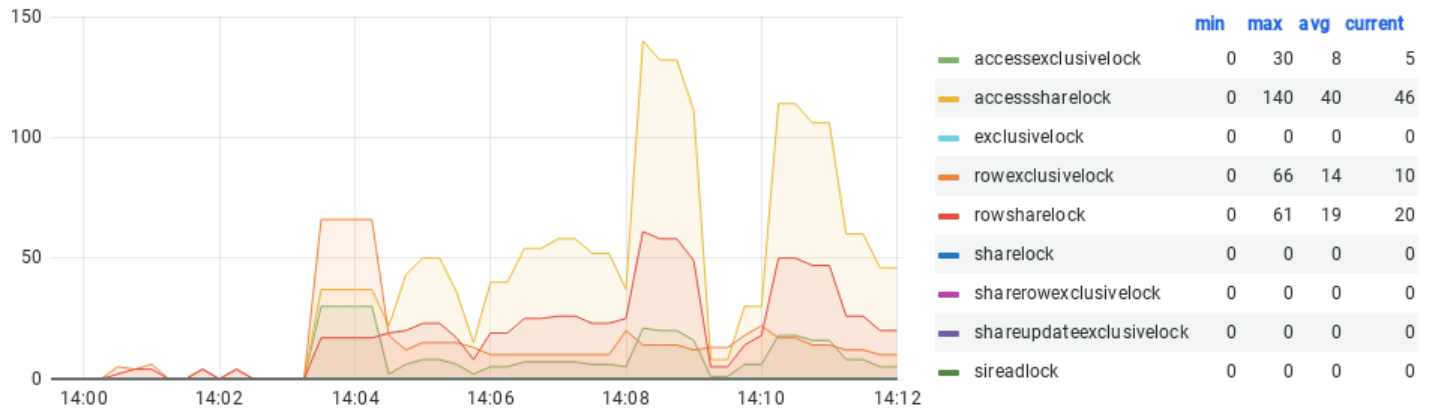
43



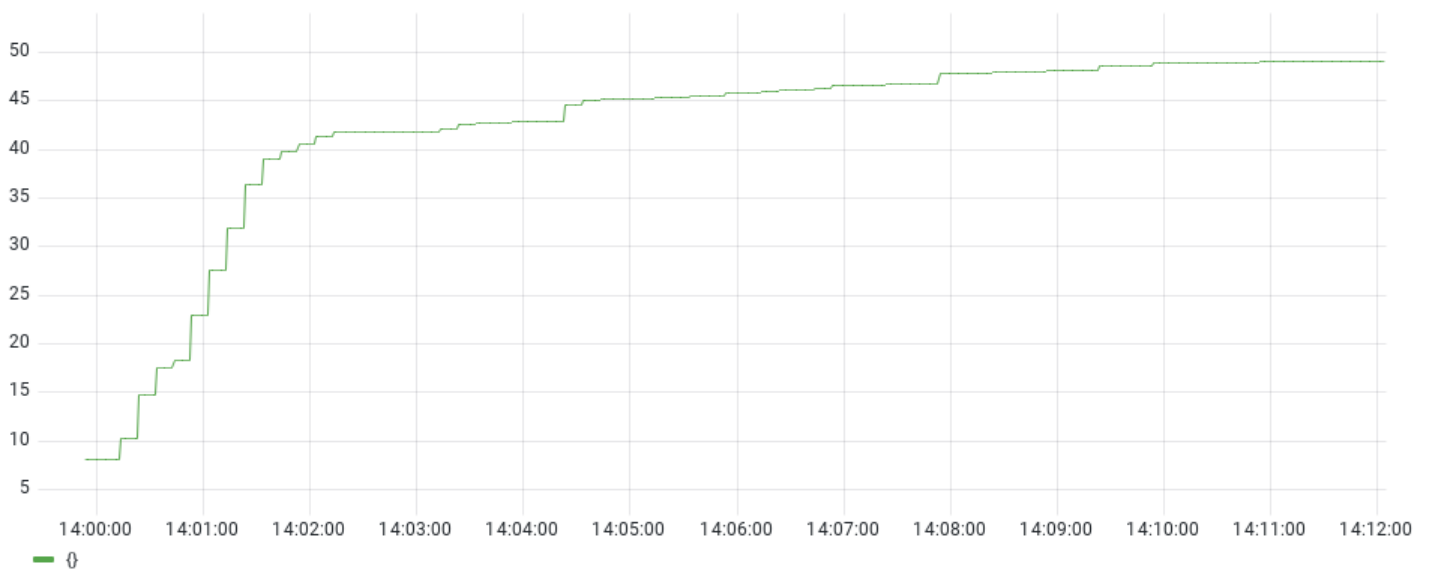
### Connections



### Lock Tables

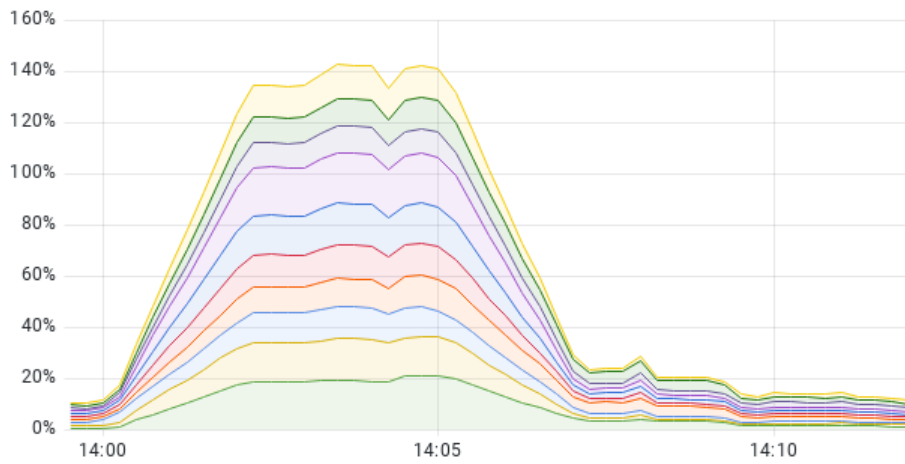


### Size (in MB)



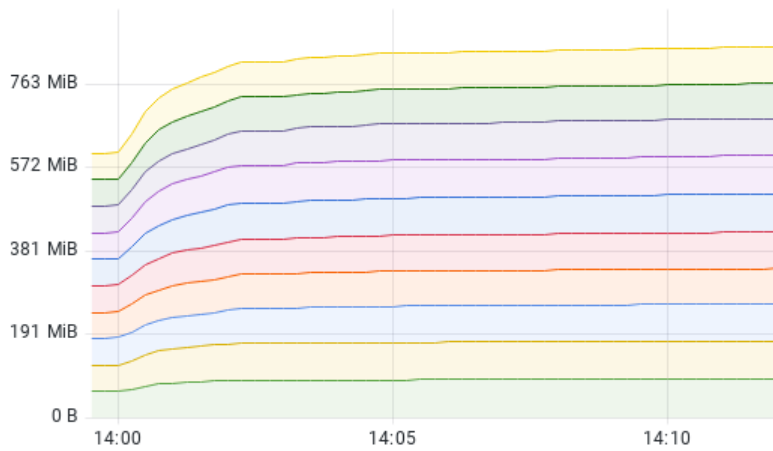


CPU Usage Issuer/Verifier Agents



|                                 | Mean  | Max   |
|---------------------------------|-------|-------|
| agents_issuer-verifier-acapy_1  | 9.03% | 21.2% |
| agents_issuer-verifier-acapy_10 | 6.54% | 16.1% |
| agents_issuer-verifier-acapy_2  | 5.27% | 12.4% |
| agents_issuer-verifier-acapy_3  | 5.88% | 12.4% |
| agents_issuer-verifier-acapy_4  | 5.65% | 13.3% |
| agents_issuer-verifier-acapy_5  | 6.89% | 16.2% |
| agents_issuer-verifier-acapy_6  | 8.25% | 19.6% |
| agents_issuer-verifier-acapy_7  | 4.83% | 10.5% |
| agents_issuer-verifier-acapy_8  | 5.82% | 12.4% |
| agents_issuer-verifier-acapy_9  | 5.67% | 13.2% |

Memory Usage Issuer/Verifier Agents



|                                 | Mean     | Last *   | Max      |
|---------------------------------|----------|----------|----------|
| agents_issuer-verifier-acapy_1  | 85.0 MiB | 89.7 MiB | 89.7 MiB |
| agents_issuer-verifier-acapy_10 | 82.9 MiB | 86.2 MiB | 86.2 MiB |
| agents_issuer-verifier-acapy_2  | 80.3 MiB | 85.1 MiB | 85.1 MiB |
| agents_issuer-verifier-acapy_3  | 77.5 MiB | 81.0 MiB | 81.0 MiB |
| agents_issuer-verifier-acapy_4  | 79.6 MiB | 84.2 MiB | 84.2 MiB |
| agents_issuer-verifier-acapy_5  | 82.7 MiB | 86.4 MiB | 86.4 MiB |
| agents_issuer-verifier-acapy_6  | 84.2 MiB | 87.7 MiB | 87.7 MiB |
| agents_issuer-verifier-acapy_7  | 79.7 MiB | 84.2 MiB | 84.2 MiB |
| agents_issuer-verifier-acapy_8  | 77.2 MiB | 80.6 MiB | 80.6 MiB |
| agents_issuer-verifier-acapy_9  | 79.5 MiB | 83.0 MiB | 83.0 MiB |

CPU Usage Issuer/Verifier Wallet DB



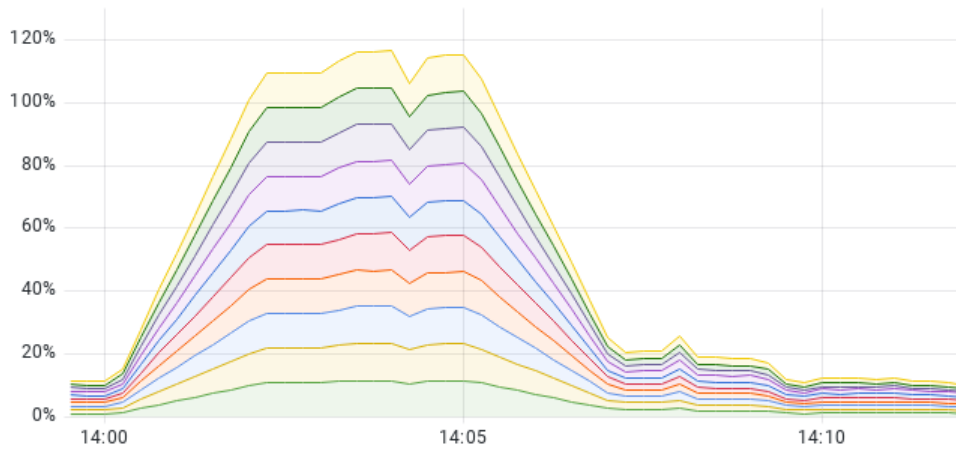
|                           | Mean  | Max   |
|---------------------------|-------|-------|
| issuer-verifier-wallet-db | 7.60% | 17.2% |

### Memory Usage Issuer/Verifier Wallet DB



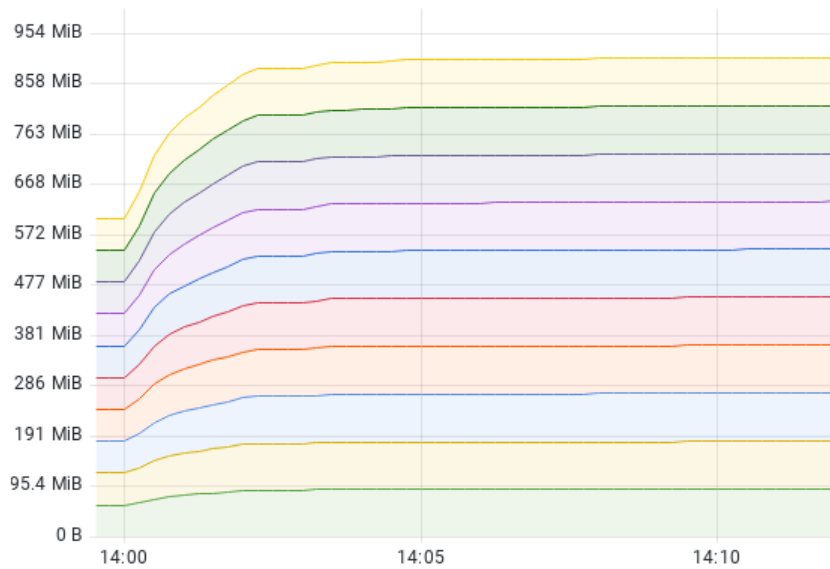
|                           | Mean     | Last *   | Max     |
|---------------------------|----------|----------|---------|
| issuer-verifier-wallet-db | 97.3 MiB | 78.3 MiB | 129 MiB |

### CPU Usage Holder Agents



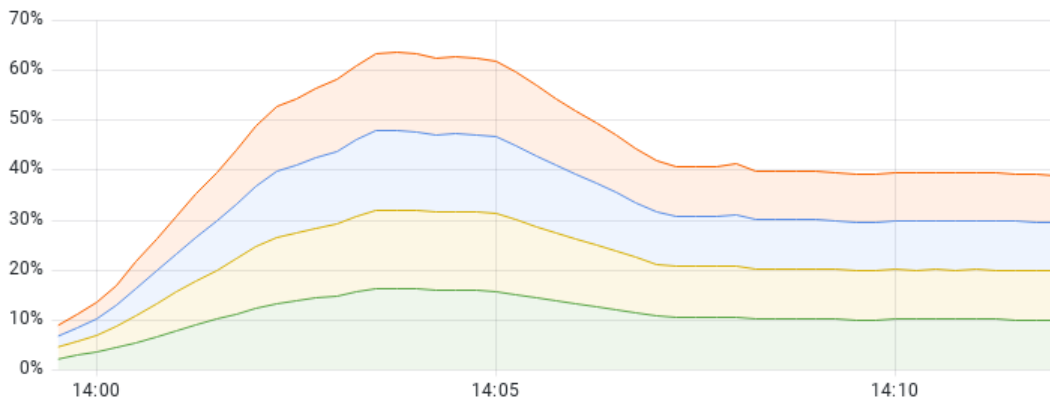
|                        | Mean  | Max   |
|------------------------|-------|-------|
| agents_holder-acapy_1  | 5.31% | 11.6% |
| agents_holder-acapy_10 | 5.34% | 11.8% |
| agents_holder-acapy_2  | 5.33% | 11.8% |
| agents_holder-acapy_3  | 5.20% | 11.6% |
| agents_holder-acapy_4  | 5.27% | 11.8% |
| agents_holder-acapy_5  | 5.20% | 11.5% |
| agents_holder-acapy_6  | 5.36% | 11.6% |
| agents_holder-acapy_7  | 5.13% | 11.6% |
| agents_holder-acapy_8  | 5.19% | 11.6% |
| agents_holder-acapy_9  | 5.48% | 11.8% |

### Memory Usage Holder Agents



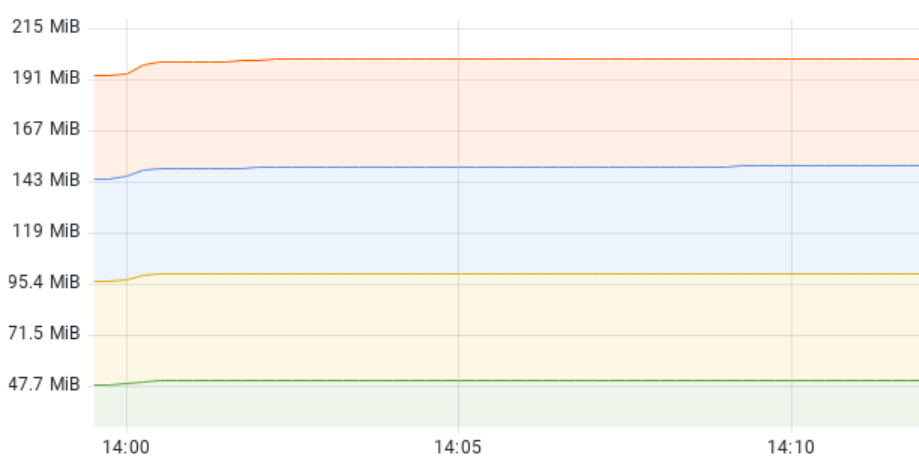
|                        | Mean     | Last *   | Max      |
|------------------------|----------|----------|----------|
| agents_holder-acapy_1  | 86.6 MiB | 90.5 MiB | 90.5 MiB |
| agents_holder-acapy_10 | 86.8 MiB | 91.0 MiB | 91.0 MiB |
| agents_holder-acapy_2  | 87.1 MiB | 91.3 MiB | 91.3 MiB |
| agents_holder-acapy_3  | 86.9 MiB | 91.1 MiB | 91.1 MiB |
| agents_holder-acapy_4  | 86.7 MiB | 90.7 MiB | 90.7 MiB |
| agents_holder-acapy_5  | 86.6 MiB | 90.5 MiB | 90.5 MiB |
| agents_holder-acapy_6  | 86.8 MiB | 90.9 MiB | 90.9 MiB |
| agents_holder-acapy_7  | 86.6 MiB | 90.6 MiB | 90.6 MiB |
| agents_holder-acapy_8  | 86.6 MiB | 90.6 MiB | 90.6 MiB |
| agents_holder-acapy_9  | 87.0 MiB | 91.3 MiB | 91.3 MiB |

CPU Usage VON Network



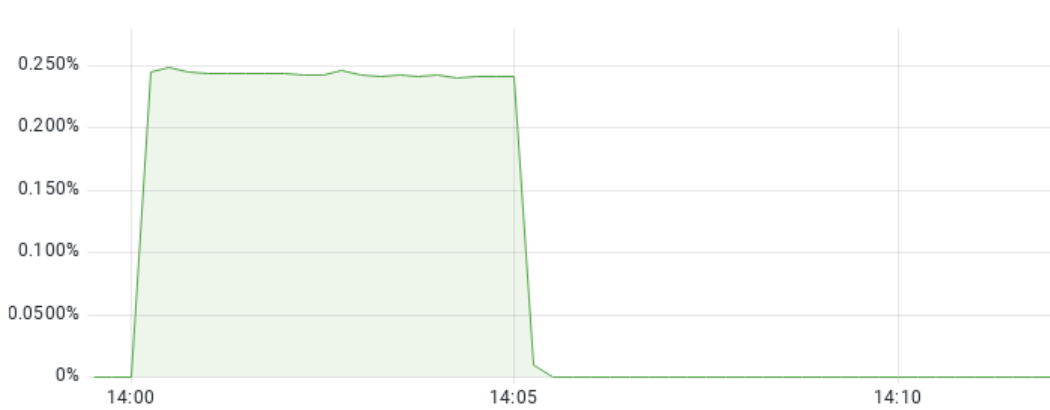
|             | Mean  | Max   |
|-------------|-------|-------|
| von_node1_1 | 11.2% | 16.2% |
| von_node2_1 | 10.9% | 15.9% |
| von_node3_1 | 10.8% | 15.8% |
| von_node4_1 | 10.7% | 15.6% |

Memory Usage VON Network



|             | Mean     | Last *   | Max      |
|-------------|----------|----------|----------|
| von_node1_1 | 50.2 MiB | 50.4 MiB | 50.4 MiB |
| von_node2_1 | 49.8 MiB | 50.0 MiB | 50.0 MiB |
| von_node3_1 | 49.7 MiB | 49.9 MiB | 49.9 MiB |
| von_node4_1 | 49.9 MiB | 50.0 MiB | 50.0 MiB |

CPU Usage Tails Server



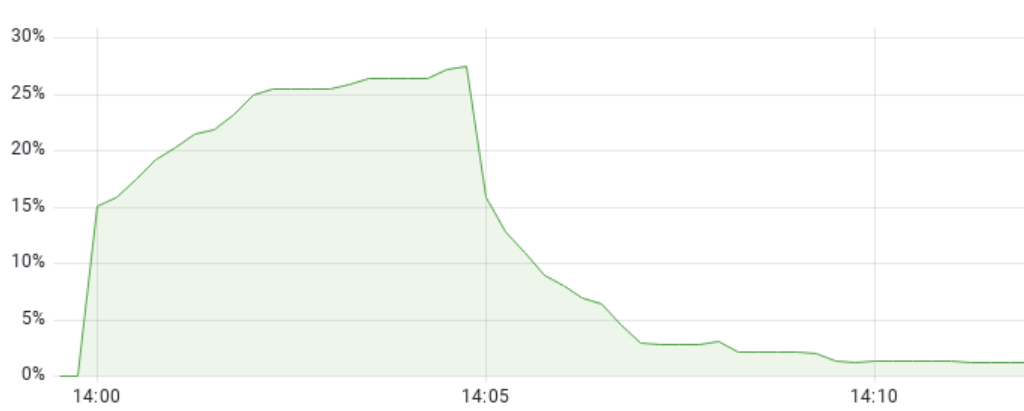
|              | Mean    | Max    |
|--------------|---------|--------|
| tails-server | 0.0955% | 0.249% |

Memory Usage Tails Server



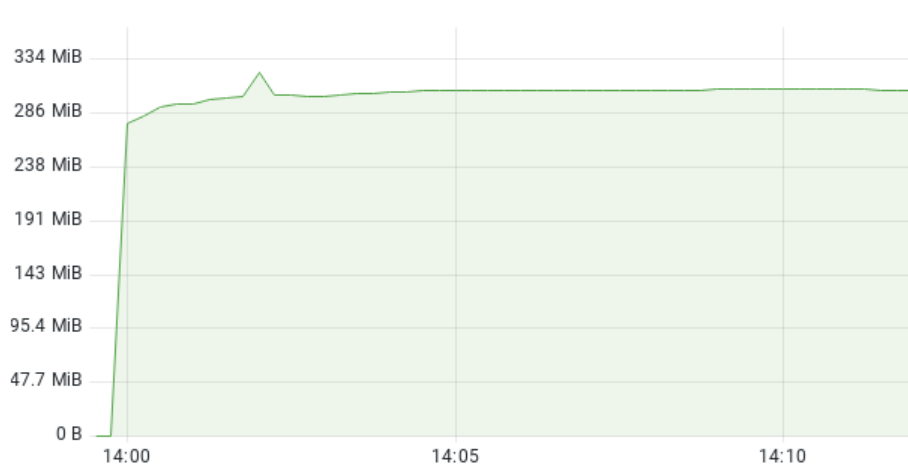
|              | Mean     | Last *   | Max      |
|--------------|----------|----------|----------|
| tails-server | 23.0 MiB | 23.1 MiB | 23.1 MiB |

CPU Usage Load Generator



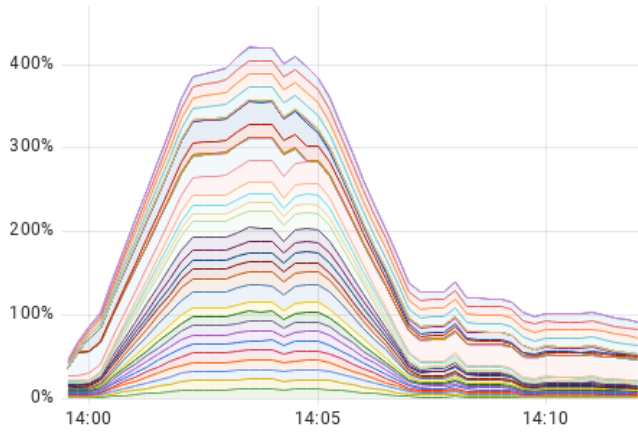
|                  | Mean  | Max   |
|------------------|-------|-------|
| load-generator-1 | 11.9% | 27.5% |

Memory Usage Load Generator

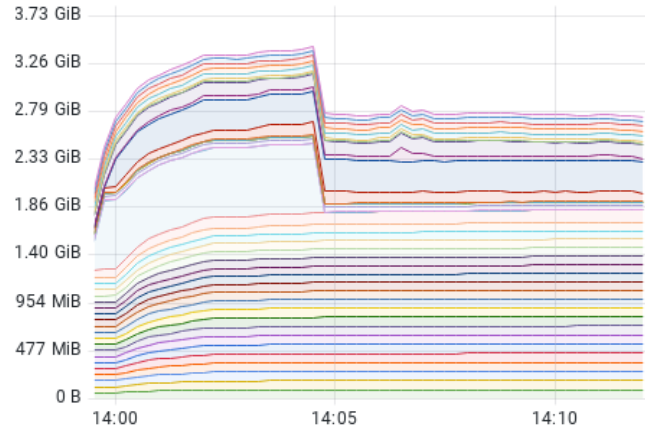


|                  | Mean    | Last *  | Max     |
|------------------|---------|---------|---------|
| load-generator-1 | 304 MiB | 306 MiB | 323 MiB |

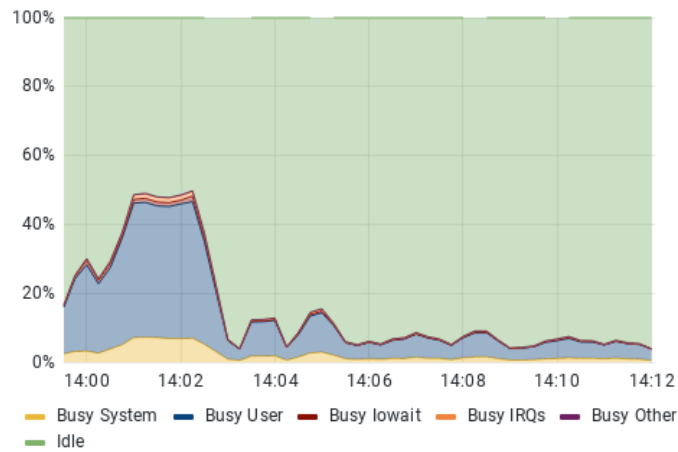
CPU Usage of All Containers



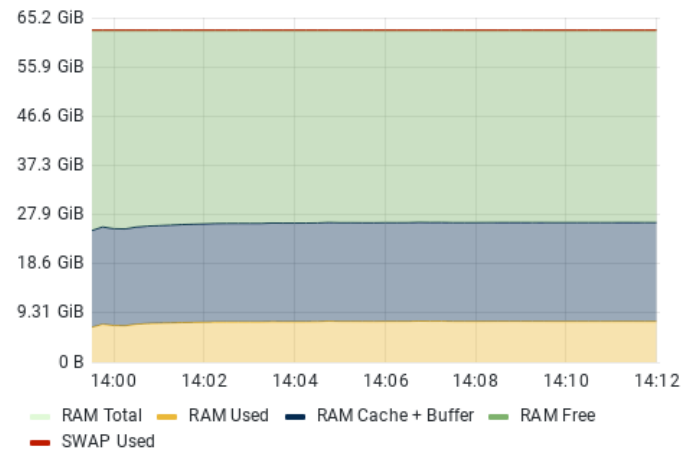
Memory Usage All Containers



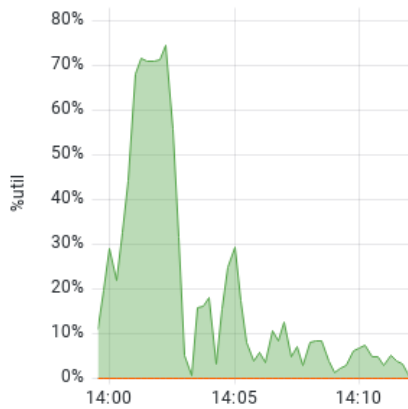
Total CPU Usage of Host



Total Memory Usage of Host

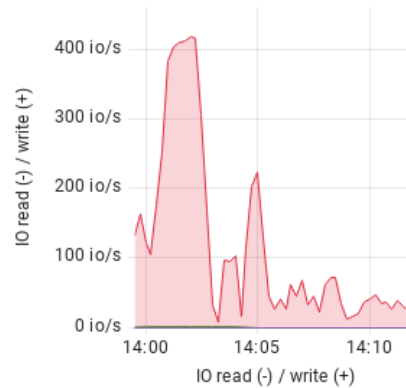


I/O Utilization



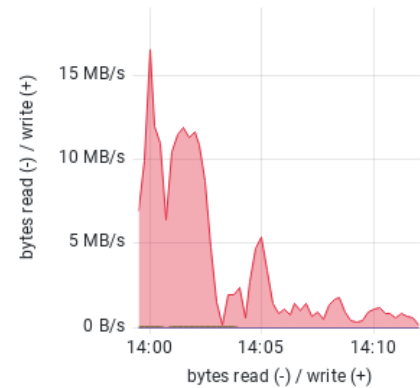
|     | %util |        |       |        |
|-----|-------|--------|-------|--------|
|     | Mean  | Last * | Max   | Min    |
| vda | 19.0% | 0.480% | 74.7% | 0.480% |
| vdb | 0%    | 0%     | 0%    | 0%     |
| vdc | 0%    | 0%     | 0%    | 0%     |
| vdd | 0%    | 0%     | 0%    | 0%     |

Disk IOPS



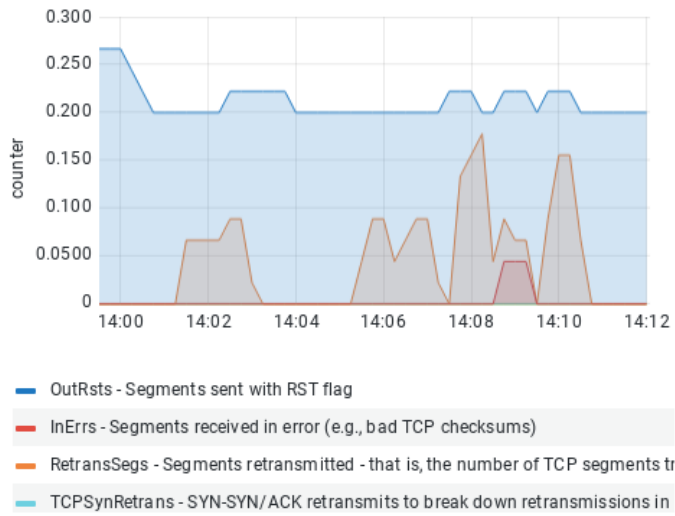
|                        | Mean        | Last *    |
|------------------------|-------------|-----------|
| vda - Reads completed  | 0.0179 io/s | 0 io/s    |
| vdb - Reads completed  | 0 io/s      | 0 io/s    |
| vdc - Reads completed  | 0 io/s      | 0 io/s    |
| vdd - Reads completed  | 0 io/s      | 0 io/s    |
| vda - Writes completed | 116 io/s    | 7.13 io/s |
| vdb - Writes completed | 0 io/s      | 0 io/s    |
| vdc - Writes completed | 0 io/s      | 0 io/s    |
| vdd - Writes completed | 0 io/s      | 0 io/s    |

I/O Usage Read / Write



|                                  | Mean      | Last * |
|----------------------------------|-----------|--------|
| vda - Successfully read bytes    | 252 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 | 3.77 MB/s | 14     |
| vdb - Successfully written bytes | 0 B/s     | 0      |
| vdc - Successfully written bytes | 0 B/s     | 0      |
| vdd - Successfully written bytes | 0 B/s     | 0      |

### TCP Errors



### TCP Connections

